DOCUMENT RESUME

ED 115 876 CE 005 714

TITLE	Fall Department Head Report--Reporting Booklet 2.0 to the Massachusetts Division of Occupational Education (Fiscal Year Ending June 30, 1975) for Electrical Program.
INSTITUTION	Management and Information System for Occupational Education, Winchester, Mass.
SPONS AGENCY	Massachusetts State Dept. of Education, Boston. Div. of Occupational Education.
PUB DATE	30 Jun 75
NOTE	271p.; For related documents, see ED 062 553; ED 068 646-647; ED 072 225; ED 072 228; ED 072 303-304; CE 005 687-727; Instructions for completing the booklet are available in CE 005 701
EDRS PRICE	MF-$0.76 HC-$13.32 Plus Postage
DESCRIPTORS	Annual Reports; Census Figures; Data Collection; Demonstration Projects; *Educational Objectives; *Electrical Occupations; Electricians; Job Skills; *Management Information Systems; Program Design; Program Evaluation; *Records (Forms); State Programs; Trade and Industrial Education; *Vocational Education
IDENTIFIERS	Census Data System; *Management Information System Occupational Educa; MISOE; Terminal Performance Objectives; TERMOBS

ABSTRACT

The reporting booklet is required for the Census Data System (CDS) of the Management Information System for Occupational Education (MISOE); it contains the reporting forms which collect data that describe program structure and job-entry skill outcomes expected of program completers in the individual occupational education area of electrical occupations. Utilization of instructional area is also determined. This booklet contains the terminal performance objectives (TERMOBS) for this program area. They are actually the forms by which the skills of program completers are reported by department heads. CDS, one of two major subsystems of the integrated management information system, was developed to provide occupational education managers with comprehensive data on which to base rational management decisions. Essentially, CDS contains descriptive information systematically structured in a manner which allows it to be used as a basis for sampling evaluative research studies. CDS collects and stores census data for all school systems offering occupational education programs, including all data formerly collected by the Annual Federal Report for Occupational Information, except followup data. (Author/AJ)

Mission Number | Due Date

Name of School System | System ID No.

Name of School | School ID No.

Name of Preparer of Report | Title | Telephone No.

Name of Department or Instructional Area

THE COMMONWEALTH OF MASSACHUSETTS

DEPARTMENT OF EDUCATION

FALL DEPARTMENT HEAD REPORT-REPORTING BOOKLET 2.0

to the

DIVISION OF OCCUPATIONAL EDUCATION
(Fiscal Year Ending June 30, 1975)

for

ELECTRICAL PROGRAM

Before filing said statement, the superintendent shall submit it to the chairman of the school committee, who shall countersign it on oath, if, after examination, he finds it correct.
(General Laws Relating to Education 1970: Chapter 72, Sec. 2A, Item 4, and Sec. 3, Item 2)

I hereby certify that all the statements contained in this report are true to the best of my knowledge and belief, and that this is a true statement, made under the penalties of perjury.

Name of Department or Instructional Area

THE COMMONWEALTH OF MASSACHUSETTS

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(Date) _____ Superintendent of Schools

(Date) _____ Chairman of School Committee

TABLE OF CONTENTS

MISSO No.

Table 2. Enrollment in Final Grade by Student Group & Terminal Objectives (TERMOB)

1		2		3
1.	Grade			
2.	Student Group Name and Number	101		102
3.	USOE Code(s)			
4.	Level Code			
5.	Type Code			
6.	Session Code			
7.	Program Length (Years)	<1 1 2 3 4		<1 1 2 3 4
8.	Cooperative	Yes No		Yes No
9.	Workstudy	Yes No		Yes No
10.	Exploratory	Yes No		Yes No
11.	Instructors and Teacher's Aides			
	A. Full Time			
	B. Percentage of Time			
12.	Enrollment	Male	Female	Male	Female

TERMOB Applicability

13. TERMOB Numbers									

4.	Level Code				
5.	Type Code				
6.	Session Code				
7.	Program Length (Years)	<1 1 2 3 4		<1 1 2 3 4	
8.	Cooperative	Yes	No	Yes	No
9.	Work-study	Yes	No	Yes	No
10.	Exploratory	Yes	No	Yes	No
11.	Instructors and Teacher's Aides A. Full Time B. Percentage of Time				
12.	Enrollment	Male	Female	Male	Female

TERMOB Applicability

13.	TERMOB Number							

MISOE Number

Table 2.1 (Cont'd) Enrollment In Final Grade by Student Group

	4		5		6	
1.						
2.	103		104		105	
3.						
4.						
5.						
6.						
7.	≤1 1 2 3 4		≤1 1 2 3 4		≤1 1 2 3 4	
8.	Yes	No	Yes	No	Yes	No
9.	Yes	No	Yes	No	Yes	No
10.	Yes	No	Yes	No	Yes	No
11.						
12.	Male	Female	Male	Female	Male	Female

TERMOB Applicability

13.						

5.						
6.						
7.	<1 1 2 3 4		<1 1 2 3 4		<1 1 2 3 4	
8.	Yes	No	Yes	No	Yes	No
9.	Yes	No	Yes	No	Yes	No
10.	Yes	NO	Yes	NO	Yes	NO
11.						
12.	Male	Female	Male	Female	Male	Female

TERMOB Applicability

13.

MIS# Number

Table 2.1 Enrollment by Final Grade by Student Group & Terminal Objective (TERMOB)

		7	8	9
1.	Grade			
2.	Student Group Name and Number		01	101
3.	USOE Code(s)			
4.	Level Code			
5.	Type Code			
6.	Session Code			
7.	Program Length (Years)	<1 1 2 3 4	<1 1 2 3 4	
8.	Cooperative	Yes No	Yes No	
9.	Workstudy	Yes No	Yes No	
10.	Exploratory	Yes No	Yes No	
11.	Instructors and Teacher's Aides			
	A. Full Time			
	B. Percentage of Time			
12.	Enrollment	Male / Female	Male / Female	

TERMOB Applicability

13. TERMOB Number	

4.	Level Code		
5.	Type Code		
6.	Service Code		
7.	Program Length (Years)	<1 1 2 3 4	<1 1 2 3 4
8.	Cooperative	Yes No	Yes No
9.	Work-study	Yes No	Yes No
10.	Exploratory	Yes No	Yes No
11.	Instructors and Teacher's Aides		
	A. Full Time		
	B. Percentage of Time		
12.	Enrollment	Male / Female	Male / Female

TEPMOB Applicability

13.	TEPMOB Numbers

Misoe Number

Table 2.1 (Cont'd) Enrollment in Final Grade by Student Group and Terminal Objectives (TERMOBS)

	10	11	12
1.			
2.			
3.	108	108	110
4.			
5.			
6.			
7.	<1 1 2 3 4	<1 1 2 3 4	<1 1 2 3 4
8.	Yes No	Yes No	Yes No
9.	Yes No	Yes No	Yes No
10.	Yes No	Yes No	Yes No
11.			
12.	Male / Female	Male / Female	Male / Female

TERMOB Applicability

13.	

4.			
5.			
6.			
7.	<1 1 2 3 4	<1 1 2 3 4	<1 1 2 3 4
8.	Yes No	Yes No	Yes No
9.	Yes No	Yes No	Yes No
10.	Yes No	Yes No	Yes No
11.			
12.	Male Female	Male Female	Male Female

TERMOB Applicability

13.	

Table 2.11 Enrollment in Lower Grades by Student Group

2	3	4	5	6
201	202	203	204	205
<1 1 2 3 4	<1 1 2 3 4	<1 1 2 3 4	<1 1 2 3 4	<1 1 2 3 4
Yes No	Yes No	Yes No	Yes No	Yes No
Yes No	Yes No	Yes No	Yes No	Yes No
Yes No	Yes No	Yes No	Yes No	Yes No
Male Female	Male Female	Male Female	Male Female	Male Female

School Number

Table 2.11 Enrollment in Lower Grades by Student Group

	1	2	3	4	5
1.	Grade				
2.	Student Group Name and Number	201	202	203	204
3.	[illegible] Code(s)				
4.	LEVEL Code				
5.	Type Code				
6.	[illegible] Code				
7.	Program Length (Years)	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
8.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
9.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
10.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
11.	[illegible] Teachers and Teacher Aides				
	a. Full Time				
	b. Percentage of Time				
12.	Enrollment	Male / Female	Male / Female	Male / Female	Male / Female

Table 2.11 (Cont'd) Enrollment in Lower Grades by Student Group

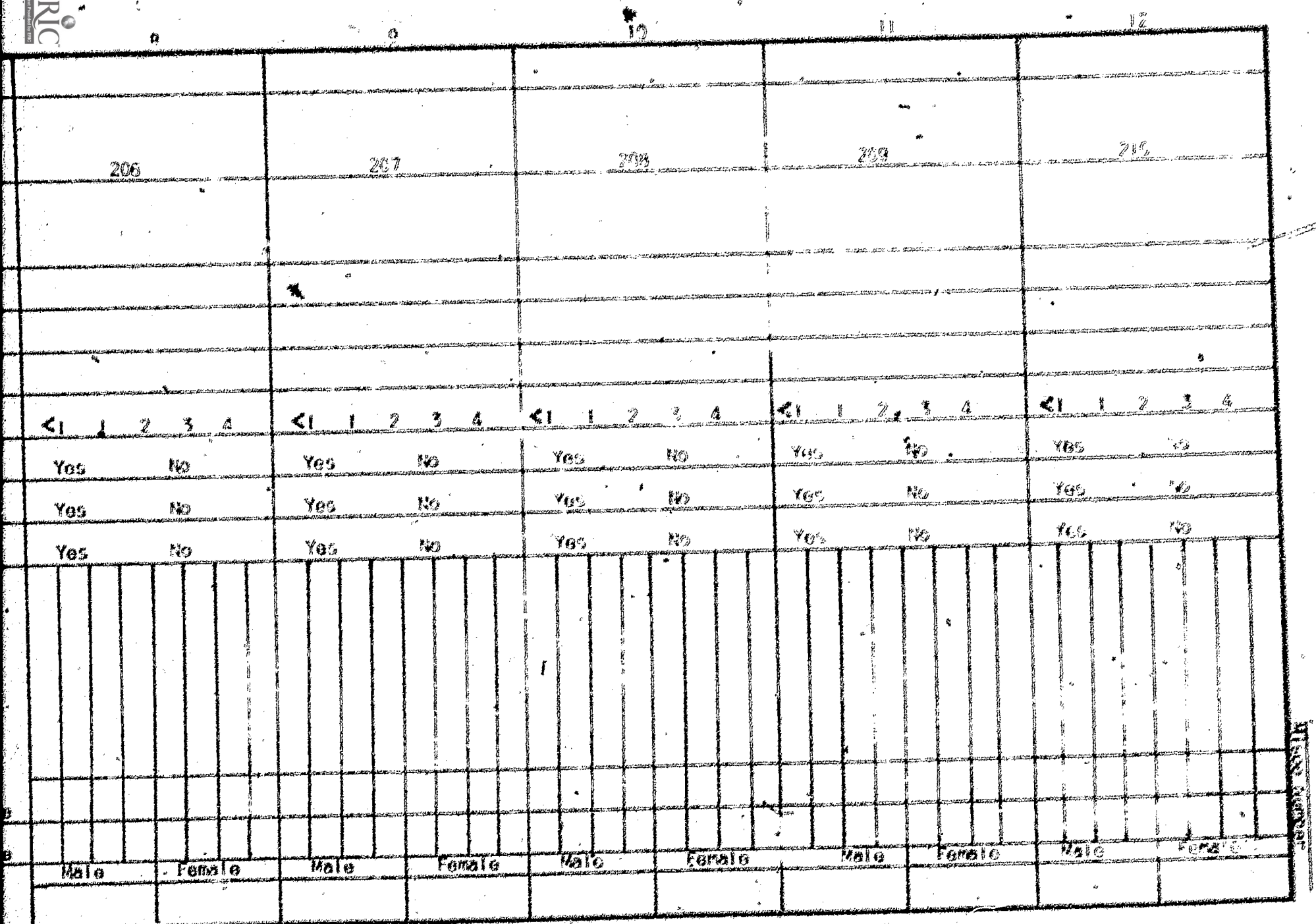

Table 2.11 (Cont'd) Enrollment in Lower Grades by Student Group

	7	8	9	10	11	
1.	Grade					
2.	Student Group Name and Number	206	207	208	209	
3.	USOE Code(s)					
4.	Level Code					
5.	Type Code					
6.	Session Code					
7.	Program Length (Years)	<1 1 2 3 4	<1 1 2 3 4	<1 1 2 3 4	<1 1 2 3 4	<1
8.	Cooperative	Yes No	Yes No	Yes No	Yes No	Yes
9.	Workstudy	Yes No	Yes No	Yes No	Yes No	Yes
10.	Exploratory	Yes No	Yes No	Yes No	Yes No	Yes
11.	Instructors and Teacher's Aides					
	A. Full Time					
	B. Percentage of Time	Male Female	Male Female	Male Female	Male Female	Male
12.	Enrollment					

Table 2.11 Enrollment in Lower Grades by Student Group (Cont'd)

	14		15		16		17		18	
e	211		212		213		214		215	
ears)	<1 1 2 3 4		<1 1 2 3 4		<1 1 2 3 4		<1 1 2 3 4		<1 1 2 3 4	
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
l Time										
t Time										
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female

Table 2:11 Enrollment in Lower Grades by Student Group (Cont'd)

		13	14	15	16	17
1.	Grade					
2.	Student Group Name and Number		211	212	213	214
3.	USOE Code(s)					
4.	Level Code					
5.	Type Code					
6.	Session Code					
7.	Program Length (Years)		<1 1 2 3 4	<1 1 2 3 4	<1 1 2 3 4	<1 1 2 3 4
8.	Cooperative		Yes No	Yes No	Yes No	Yes No
9.	Workstudy		Yes No	Yes No	Yes No	Yes No
10.	Exploratory		Yes No	Yes No	Yes No	Yes No
11.	Instructors and Teacher's Aides					
	A. Full Time					
	B. Percentage of Time					
12.	Enrollment		Male / Female	Male / Female	Male / Female	Male / Female

Table 2.11 Enrollment in Lower Grades by Student Group (Cont'd)

	20	21	22	23	24
	216	217	218	219	220
ers)	<1 1 2 3 4	<1 1 2 3 4	<1 1 2 3 4	<1 1 2 3 4	<1 1 2 3 4
	Yes No	Yes No	Yes No	Yes No	Yes No
	Yes No	Yes No	Yes No	Yes No	Yes No
	Yes No	Yes No	Yes No	Yes No	Yes No
Time					
Time					
	Male Female	Male Female	Male Female	Male Female	Male Female

HI500 Number

Table 2.11 Enrollment in Lower Grades by Student Group (Cont'd)

	19	20	21	22	23
1.	Grade				
2.	Student Group Name and Number	216	217	218	219
3.	USOE Code(s)				
4.	Level Code				
5.	Type Code				
6.	Session Code				
7.	Program Length (Years)	<1 1 2 3 4	<1 1 2 3 4	<1 1 2 3 4	<1 1 2 3 4
8.	Cooperative	Yes No	Yes No	Yes No	Yes No
9.	Workstudy	Yes No	Yes No	Yes No	Yes No
10.	Exploratory	Yes No	Yes No	Yes No	Yes No
11.	Instructors and Teacher's Aides				
	A. Full Time				
	B. Percentage of Time				
		Male Female	Male Female	Male Female	Male Female
12.	Enrollment				

Table 2.2 Utilization of Student Class Time: Final Grade

	2	3	4	5	6	7	8	9	10	11
	101	102	103	104	105	106	107	108	109	110
reas										
on										

WI Sch. Number

Table 2.2 Utilization of Student Class Time: Final Grade

	1	2	3	4	5	6	7	8	9
1.	Student Group Number	101	102	103	104	105	106	107	108
2.	Grade								
3.	USOE Code(s)								
4.	In Occupational Shop/Lab Area(s)								
5.	In Occupational Related Area(s)								
6.	Total Occupational Time (Lines 4 + 5)								
7.	In Nonoccupational Areas								
8.	Total All Areas (Lines 6 + 7)								
9.	Length of Grade Session (weeks)								
10.	Schedule Variation								
11.	Additional Notes Necessary to Explain Lines 4 through 10								

Table 2.2 Utilization of Student Class Time (Cont'd): Final Grade

	13	14	15	16	17	18	19	20	21	22
	111	112	113	114	115	116	117	118	119	120

Misoe Number

Table 2.2 Utilization of Student Class Time (Cont'd): Final Grade

	12	13	14	15	16	17	18	19	20
1.	Student Group Number	111	112	113	114	115	116	117	118
2.	Grade								
3.	USOE Code(s)								
4.	In Occupational Shop/Lab Area(s)								
5.	In Occupational Related Area(s)								
6.	Total Occupational Time (Lines 4+ 5)								
7.	In Nonoccupational Areas								
8.	Total All Areas (Lines 6 + 7)								
9.	Length of Grade Session (weeks)								
10.	Schedule Variation								
11.	Additional Notes Necessary to Explain Lines 4 through 10								

Table 2.21 Utilization of Student Class Time: Lower Grade

	2	3	4	5	6	7	8	9	10	11
	201	202	203	204	205	206	207	208	209	210
as										
n.										

HI SOA NUMBER

Table 2.21 Utilization of Student Class Time: Lower Grade

	1	2	3	4	5	6	7	8	9
1.	Student Group Number	201	202	203	204	205	206	207	208
2.	Grade								
3.	USOE Code(s)								
4.	In Occupational Shop/Lab Area(s)								
5.	In Occupational Related Area(s)								
6.	Total Occupational Time (Lines 4 + 5)								
7.	In Nonoccupational Areas								
8.	Total All Areas (Lines 6 + 7)								
9.	Length of Grade Session (Weeks)								
10.	Schedule Variation								
11.	Additional Notes Necessary to Explain Lines 4 through 10								

Table 2.21 (Cont'd) Utilization of Student Class Time: Lower Grade

	13	14	15	16	17	18	19	20	21	22
	211	212	213	214	215	216	217	218	219	220
as										
on										

Misoe Number

Table 2.21 (Cont'd) Utilization of Student Class Time: Lower Grade

	12	13	14	15	16	17	18	19	20
1.	Student Group Number	211	212	213	214	215	216	217	218
2.	Grade								
3.	USOE Code(s)								
4.	In Occupational Shop/Lab Area(s)								
5.	In Occupational Related Area(s)								
6.	Total Occupational Time (Lines 4 + 5)								
7.	In Nonoccupational Areas								
8.	Total All Areas (Lines 6 + 7)								
9.	Length of Grade Session (Weeks)								
10.	Schedule Variation								
11.	Additional Notes Necessary to Explain Lines 4 through 10								

MIsoe Number

Table 2.3 Utilization of Departmental Instructional Area by Rooms

Check Applicable Program Schedule

1. a. [ ] Weekly
   b. [ ] Alternating
   c. [ ] Variable

2. a. [ ] Semester Schedule Change
   b. [ ] No Semester Schedule Change

WEEKLY OR SCHEDULE A

1	2	3		4		5	
Room No. or Name	Day of the Week	Morning 7:00 a.m.-12:00N		Afternoon 12:00N-6:00 p.m.		Evening 6:00 p.m.-11:00 p.m.	
		No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.
1A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
2A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
3A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
4A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
5A	Mon.						
	Tues.						

WEEKLY OR SCHEDULE A

1	2	3		4		5	
Room No. or Name	Day of the Week	Morning 7:00 a.m.-12:00N		Afternoon 12:00N-5:00 p.m.		Evening 6:00 p.m.-11:00 p.m.	
		No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.
1A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
2A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
3A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
4A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
5A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							

Misoe Number

Table 2.3 (Cont'd) Utilization of Departmental Instructional Area by Rooms

Check Applicable Program Schedule

1. a. [ ] Weekly
   b. [ ] Alternating
   c. [ ] Variable

2. a. [ ] Semester Schedule Change
   b. [ ] No Semester Schedule Change

WEEKLY OR SCHEDULE B

6	7	8		9		10	
Room No. or Name	Day of the Week	Morning 7:00 a.m.-12:00N		Afternoon 12:00N-6:00 p.m.		Evening 6:00 p.m.-11:00 p.m.	
		No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.
1 B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
2 B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
3 B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
4 B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
B	Mon.						

b. [ ] Alternating
c. [ ] Variable

b. [ ] No Semester Schedule Change

WEEKLY OR SCHEDULE B

6	7	8		9		10	
Room No. or Name	Day of the Week	Morning 7:00 a.m.-12:00N		Afternoon 12:00N-6:00 p.m.		Evening 6:00 p.m.-11:00 p.m.	
		No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.
1 B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
2 B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
3 B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
4 B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
5 B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							

Misco Number

Table 2.3 (Cont'd) Utilization of Departmental Instructional Area by Room

Check Applicable Program Schedule

1. a. [ ] Weekly
   b. [ ] Alternating
   c. [ ] Variable

2. a. [ ] Semester Schedule Change
   b. [ ] No Semester Schedule Change

WEEKLY OR SCHEDULE A

11	12	13		14		15	
Room No. or Name	Day of the Week	Morning 7:00 a.m.-12:00N.		Afternoon 12:00N.-6:00 p.m.		Evening 6:00 p.m.-11:00 p.m.	
		No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.
6A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
7A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS/C	Sat.						
TOTALS							
8A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
9A	Mon						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
	Mon.						

C. [ ] Variable

WEEKLY OR SCHEDULE A

11	12	13		14		15	
Room No. or Name	Day of the Week	Morning 7:00 a.m.-12:00N		Afternoon 12:00N-6:00 p.m.		Evening 6:00 p.m.-11:00 p.m.	
		No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.
6A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
7A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
8A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
9A	Mon						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
10A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							

Misoe Number

Table 7.3 (Cont'd) Utilization of Departmental Instructional Area by Room

Check Applicable Program Schedule

1. a. [ ] Weekly
   b. [ ] Alternating
   c. [ ] Variable

2. a. [ ] Semester Schedule Change
   b. [ ] No Semester Schedule Change

WEEKLY OR SCHEDULE B

16	17	18		19		20	
Room No. or Name	Day of the Week	Morning 7:00 a.m.-12:00N		Afternoon 12:00N-6:00 p.m.		Evening 6:00 p.m.-11:00 p.m.	
		No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.
6B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
7B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
8B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
9B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TALS							
0B	Mon.						

c. [ ] Variable

WEEKLY OR SCHEDULE B

16	17	18		19		20	
Room No. or Name	Day of the Week	Morning 7:00 a.m.-12:00N.		Afternoon 12:00N-6:00 p.m.		Evening 6:00 p.m.-11:00 p.m.	
		No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.
6B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
7B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
8B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
9B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
10B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							

Micro Number

Table 2.3 (Cont'd) Utilization of Departmental Instructional Area by Room

Check Applicable Program Schedule

1. a. [ ] Weekly
   b. [ ] Alternating
   c. [ ] Variable

2. a. [ ] Semester Schedule Change
   b. [ ] No Semester Schedule Change

WEEKLY OR SCHEDULE A

21	22	23		24		25	
Room No. or Name	Day of the Week	Morning 7:00 a.m.-12:00N No. of Hrs. Used	Morning 7:00 a.m.-12:00N No. of Stud. Hrs.	Afternoon 12:00N-5:00 p.m. No. of Hrs. Used	Afternoon 12:00N-5:00 p.m. No. of Stud. Hrs.	Evening 6:00 p.m.-11:00 p.m. No. of Hrs. Used	Evening 6:00 p.m.-11:00 p.m. No. of Stud. Hrs.
11A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
12A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
13A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
14A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
	Mon.						

WEEKLY OR SCHEDULE A

21	22	23		24		25	
Room No. or Name	Day of Week	Morning 8:00 a.m.-12:00		Afternoon 12:00-5:00 p.m.		Evening 5:00 p.m.-11:00 p.m.	
		No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.
11A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
12A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
13A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
14A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
15A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							

Misc. Number

Table 2.3 Weekly Utilization of Departmental Instructional Area by Room

Check Applicable Program Schedule

1. a. [ ] Weekly
   b. [ ] Alternating
   c. [ ] Variable

2. a. [ ] Semester Schedule Change
   b. [ ] No Semester Schedule Change

WEEKLY OR SCHEDULE B

1	26	27	28		29		30	
Room No. or Name	Day of the Week	Morning 7:00 a.m.-12:00N		Afternoon 12:00N-6:00 p.m.		Evening 6:00 p.m.-11:00 p.m.	
		No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.
118	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
128	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
138	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
148	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
158	Mon.						

WEEKLY OR SCHEDULE B

26	27	28		29		30	
Room No. or Name	Day of the Week	Morning 7:00 a.m.-12:00N		Afternoon 12:00N-6:00 p.m.		Evening 6:00 p.m.-11:00 p.m.	
		No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.
118	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
128	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
138	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
148	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
158	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							

Micro Number

Table 2.3 Utilization of Departmental Instructional Area By Room

Check Applicable Program Schedule

1. a. [ ] Weekly
   b. [ ] Alternating
   c. [ ] Variable

2. a. [ ] Semester Schedule Change
   b. [ ] No Semester Schedule Change

WEEKLY OR SCHEDULE A

31	32	33		34		35	
Room No.or Name	Day of the Week	Morning 7:00 a.m.-12:00N		Afternoon 12:00N-6:00 p.m.		Evening 6:00 P.M.-11:00 p.m.	
		No. of Hrs.Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.
16A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
17A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
18A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
19A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						

Check Applicable Program Schedule

1. a. [ ] Weekly
   b. [ ] Alternating
   c. [ ] Variable

2. a. [ ] Semester Schedule Change
   b. [ ] No Semester Schedule Change

WEEKLY OR SCHEDULE A

31	32	33		34		35	
Room No. or Name	Day of the Week	Morning 7:00 a.m.-12:00N		Afternoon 12:00N-6:00 p.m.		Evening 6:00 P.M.-11:00 p.m.	
		No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.
16A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
17A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
18A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
19A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
20A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							

Misoe Number

Table 2.3 (Cont'd) Utilization of Departmental Instructional Area by Room

Check Applicaboe Program Schedule

1. a. [ ] Weekly
   b. [ ] Alternating
   c. [ ] Variable

2. a. [ ] Semester Schedule Change
   b. [ ] No Semester Schedule Change

WEEKLY OR SCHEDULE B

36	37	38		39		40	
Room No.or Name	Day of the Week	Morning 7:00 a.m.-12:00N No. of Hrs.Used	Morning 7:00 a.m.-12:00N No. of Stud. Hrs	Afternoon 12:00N-6:00 p.m. No. of Hrs. Used	Afternoon 12:00N-6:00 p.m. No. of Stud. Hrs.	Evening 6:00 p.m.-11:00 p.m. No. of Hrs. Used	Evening 6:00 p.m.-11:00 p.m. No. of Stud. Hrs.
16B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
17B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
18B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
19B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
20B	Mon.						
	Tues.						

WEEKLY OR SCHEDULE B

36	37	38		39		40	
Room No.or Name	Day of the Week	Morning 7:00 a.m.-12:00N		Afternoon 12:00N-6:00 p.m.		Evening 6:00 p.m.-11:00 p.m.	
		No. of Hrs. Used	No. of Stud. Hrs	No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.
16B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
17B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
18B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
19B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
20B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							

REPORTING TERMINAL PERFORMANCE OBJECTIVES (TERMOBS)

TABLE T-1 - INSTRUCTIONAL DIVISION AND UNIT OUTLINE

ELECTRICAL PROGRAM

DOES THIS OUTLINE CONTAIN ALL OF THE INSTRUCTIONAL CONTENT OF YOUR PROGRAM: YES_____ NO_____

CODE	DIVISION	CODE	UNIT
01	RACEWAYS	01	RIGID METAL CONDUIT
		02	RIGID NONMETAL CONDUIT
		03	ELECTRICAL METALLIC TUBING
		04	FLEXIBLE METAL CONDUIT
		05	LIQUIDTIGHT FLEXIBLE METAL CONDUIT
		06	SURFACE RACEWAYS
		07	MULTI-OUTLET ASSEMBLY
		08	UNDERFLOOR RACEWAYS
		09	CELLULAR METAL FLOOR RACEWAYS
		10	STRUCTURAL RACEWAYS
		11	CELLULAR CONCRETE FLOOR RACEWAYS
		12	WIREWAYS
		13	FLAT CABLE ASSEMBLIES
		14	BUSWAYS
		15	CABLEBUS
		16	SAFETY
02	CABLES AND WIRES	01	OPEN WIRING ON INSULATORS
		02	CONCEALED KNOB AND TUBE WORK
		03	MINERAL INSULATED METAL SHEATHED CABLE
		04	ALUMINUM SHEATHED CABLE
		05	METAL CLAD CABLE
		06	NONMETALLIC SHEATHED CABLE
		07	SHIELDED NONMETALLIC SHEATHED CABLE
		08	SERVICE ENTRANCE CABLE
		09	UNDERGROUND FEEDER
		10	FLEXIBLE CORDS
		11	LOW VOLTAGE
		12	SAFETY
03	SERVICES	01	OVERHEAD
		02	UNDERGROUND
		03	SINGLE PHASE
		04	POLY PHASE
		05	METER SOCKETS
		06	METERING
		07	DISCONNECT
		08	OVERCURRENT PROTECTION
		09	DISTRIBUTION
		10	MULTITENANT
		11	SAFETY
04	DC MOTORS AND CONTROLS	01	SERIES
		02	SHUNT
		03	COMPOUND
		04	COUNTER ELECTROMOTIVE FORCE
		05	3 POINT STARTING
		06	4 POINT STARTING
		07	ARMATURE REACTION
		08	BRUSHES

		02	RIGID NONMETALLIC CONDUIT
		03	ELECTRICAL METALLIC TUBING
		04	FLEXIBLE METAL CONDUIT
		05	LIQUIDTIGHT FLEXIBLE METAL CONDUIT
		06	SURFACE RACEWAYS
		07	MULTI-OUTLET ASSEMBLY
		08	UNDERFLOOR RACEWAYS
		09	CELLULAR METAL FLOOR RACEWAYS
		10	STRUCTURAL RACEWAYS
		11	CELLULAR CONCRETE FLOOR RACEWAYS
		12	WIREWAYS
		13	FLAT CABLE ASSEMBLIES
		14	BUSWAYS
		15	CABLEBUS
		16	SAFETY
02	CABLES AND WIRES	01	OPEN WIRING ON INSULATORS
		02	CONCEALED KNOB AND TUBE WORK
		03	MINERAL INSULATED METAL SHEATHED CABLE
		04	ALUMINUM SHEATHED CABLE
		05	METAL CLAD CABLE
		06	NONMETALLIC SHEATHED CABLE
		07	SHIELDED NONMETALLIC SHEATHED CABLE
		08	SERVICE ENTRANCE CABLE
		09	UNDERGROUND FEEDER
		10	FLEXIBLE CORDS
		11	LOW VOLTAGE
		12	SAFETY
03	SERVICES	01	OVERHEAD
		02	UNDERGROUND
		03	SINGLE PHASE
		04	POLY PHASE
		05	METER SOCKETS
		06	METERING
		07	DISCONNECT
		08	OVERCURRENT PROTECTION
		09	DISTRIBUTION
		10	MULTITENANT
		11	SAFETY
04	DC MOTORS AND CONTROLS	01	SERIES
		02	SHUNT
		03	COMPOUND
		04	COUNTER ELECTROMOTIVE FORCE
		05	3 POINT STARTING
		06	4 POINT STARTING
		07	ARMATURE REACTION
		08	BRUSHES
		09	AUTOMATIC STARTERS
		10	SERIES STARTERS
		11	SPEED CONTROLS
		12	MAINTENANCE
		13	CONSTRUCTION
		14	SAFETY
05	DC GENERATORS	01	SERIES
		02	SHUNT

TABLE T-1 (Continued) INSTRUCTIONAL DIVISION & UNIT OUTLINE

ELECTRICAL PROGRAM

CODE	DIVISION	CODE	UNIT
05	DC GENERATORS (CONT.)	03	COMPOUND
		04	ARMATURE REACTION
		05	COMMUTATION
		06	INTERPOLES
		07	REGULATION
		08	SPEED CONTROL
		09	REGULATORS
		10	EXCITATION
		11	LOAD CHARACTERISTICS
		12	CONSTRUCTION MAINTENANCE
		13	PARALLEL OPERATION
		14	SAFETY
06	AC MOTORS AND CONTROLS	01	SHADED POLE
		02	UNIVERSAL
		03	REPULSION-INDUCTION
		04	SPLIT PHASE
		05	CAPACITATOR START
		06	POLY PHASE
		07	WOUND ROTOR
		08	SYNCHRONOUS
		09	MANUAL COMPENSATORS
		10	REVERSING CONTROLLER
		11	ACROSS THE LINE STARTERS
		12	DRUM CONTROLLERS
		13	REMOTE CONTROL
		14	SYNCHRO MOTORS
		15	CONSTRUCTION
		16	SAFETY
07	AC ALTERNATORS	01	SINGLE PHASE
		02	POLY PHASE
		03	REVOLVING ARMATURE
		04	REVOLVING FIELD
		05	EXCITATION
		06	SYNCHRONIZING
		07	SPEED CONTROL
		08	CONSTRUCTION
		09	SAFETY
08	TRANSFORMERS	01	STEP UP
		02	STEP DOWN
		03	CONSTRUCTION
		04	SINGLE PHASE
		05	POLY PHASE
		06	LOSSES
		07	CURRENT
		08	POTENTIAL
		09	ISOLATION
		10	AUTO TRANSFORMER
		11	COOLING
		12	CONNECTION
		13	SAFETY
	UTILITIES	01	HEATING SYSTEMS
		02	SMALL APPLIANCES

		09	REGULATORS
		10	EXCITATION
		11	LOAD CHARACTERISTICS
		12	CONSTRUCTION MAINTENANCE
		13	PARALLEL OPERATION
		14	SAFETY
06	AC MOTORS AND CONTROLS	01	SHADED POLE
		02	UNIVERSAL
		03	REPULSION-INDUCTION
		04	SPLIT PHASE
		05	CAPACITATOR START
		06	POLY PHASE
		07	WOUND ROTOR
		08	SYNCHRONOUS
		09	MANUAL COMPENSATORS
		10	REVERSING CONTROLLER
		11	ACROSS THE LINE STARTERS
		12	DRUM CONTROLLERS
		13	REMOTE CONTROL
		14	SYNCHRO MOTORS
		15	CONSTRUCTION
		16	SAFETY
07	AC ALTERNATORS	01	SINGLE PHASE
		02	POLY PHASE
		03	REVOLVING ARMATURE
		04	REVOLVING FIELD
		05	EXCITATION
		06	SYNCHRONIZING
		07	SPEED CONTROL
		08	CONSTRUCTION
		09	SAFETY
08	TRANSFORMERS	01	STEP UP
		02	STEP DOWN
		03	CONSTRUCTION
		04	SINGLE PHASE
		05	POLY PHASE
		06	LOSSES
		07	CURRENT
		08	POTENTIAL
		09	ISOLATION
		10	AUTO TRANSFORMER
		11	COOLING
		12	CONNECTION
		13	SAFETY
09	UTILITIES	01	HEATING SYSTEMS
		02	SMALL APPLIANCES
		03	MAJOR APPLIANCES
		04	FIXTURES
		05	BATTERIES
		06	SAFETY

TABLE T-1 (Continued) INSTRUCTIONAL DIVISION & UNIT OUTLINE

ELECTRICAL PROGRAM

CODE	DIVISION	CODE	UNIT
10	INDUSTRIAL ELECTRONICS	01	RESISTOR COLOR CODE
		02	VACUUM TUBE CHARACTERISTICS
		03	VACUUM TUBE CIRCUITS
		04	RECTIFICATION
		05	OSCILLOSCOPES
		06	PHOTO TUBE AND CELLS
		07	PHOTO ELECTRIC RELAYS
		08	TIME CONSTANTS
		09	TIME DELAY RELAYS
		10	MAGNETIC POWER CONTROL
		11	THYRATRON POWER CONTROL
		12	IGNITRON POWER CONTROL
		13	SOLID STATE POWER CONTROL
		14	SAFETY
11	RELATED THEORY	01	ELECTRICAL TERMS AND UNITS
		02	BATTERIES AND CELLS
		03	DC SERIES, PARALLEL AND COMBINATION CIRCUITS
		04	DC POWER
		05	OVERLOAD PROTECTION
		06	MAGNETISM
		07	INDUCTANCE
		08	CAPACITANCE
		09	AC CURRENT
		10	REACTANCE, IMPEDANCE, PHASE
		11	AC POWER
		12	AC SERIES, PARALLEL, AND LCR CIRCUITS
		13	TEST EQUIPMENT
		14	BLUEPRINT READING
		15	NATIONAL ELECTRIC CODE

TABLE T-1A - ADDITIONAL INSTRUCTIONAL DIVISIONS & UNITS

ELECTRICAL PROGRAM

CODE	DIVISION	CODE	UNIT

TABLE T-2 - TERMOB DIVISION AND UNIT OUTLINE

ELECTRICAL PROGRAM

DOES THIS OUTLINE CONTAIN ALL TOPICS IN WHICH GRADUATES ACQUIRE JOB-ENTRY SKILLS: YES____ NO____

CODE	DIVISION	CODE	UNIT
01	WIRING/SWITCHING OF OUTLETS AND DEVICES	01	SINGLE POLE
		02	DOUBLE POLE
		03	THREE WAY SWITCHES
		04	FOUR WAY SWITCHES
		05	COMBINED SWITCH/RECEPTACLE CONNECTIONS
02	HOME INTERIOR WIRING SPECIAL CIRCUITS	01	BELLS, BUZZERS, CHIMES AND ANNOUNCIATORS
		02	RESIDENTIAL FURNACE CONTROLS
		03	INTERCOMS
		04	OUTDOOR WIRING
		05	REMOTE CONTROL WIRING
03	REMODELING WIRING TECHNIQUES	01	SURFACE RACEWAY EXTENSIONS
		02	CONCEALED WIRING
04	LARGE APPLIANCES - MINOR REPAIR	01	ELECTRIC HEATING UNITS
		02	MOTOR DRIVEN UNITS
05	INDUSTRIAL AND COMMERCIAL WIRING DISTRIBUTION AND SPECIAL CIRCUITS	01	TRANSFORMERS
		02	EXISTING SYSTEM MODIFICATION
		03	LIGHTING
		04	EMERGENCY SYSTEMS
06	MACHINES	01	DIRECT CURRENT
		02	SINGLE PHASE
		03	POLY PHASE
		04	GENERATORS
		05	ALTERNATORS
07	SERVICES	01	SINGLE PHASE
		02	THREE PHASE
		03	MULTI TENANT
		04	BREAKERS, FUSES AND OVERLOAD PROTECTORS

TABLE T-2A - ADDITIONAL TERMOB DIVISIONS & UNITS

ELECTRICAL PROGRAM

CODE	DIVISION	CODE	UNIT

TERMINAL PERFORMANCE OBJECTIVES (TERMOBS)

and

REPORTING FORMS

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 01 WIRING/SWITCHING OF OUTLETS & DEVICES

UNIT , 01 SINGLE POLE SWITCH

TERMOB NO. 12-001

1.00 CONDITION

( ) 1.01 ELECTRICAL LAYOUT BLUEPRINT OF A CIRCUIT WITH ONE SINGLE POLE SWITCH CONTROLLING A LIGHT FIXTURE
( ) 1.02 METAL-CLAD CABLE
( ) 1.03 ALUMINUM-SHEATHED CABLE
( ) 1.04 NON-METALLIC SHEATHED CABLE
( ) 1.05 OPEN WOODEN FRAME WALL AND CEILING
( ) 1.06 PLYWOOD WALL AND CEILING
( ) 1.07 PLASTERED WALL AND CEILING
( ) 1.08 CEMENT BLOCK WALL
( ) 1.09 ACOUSTIC CEILING
( ) 1.10 OPEN STEEL GIRDER CEILING
( ) 1.11 FASTENERS AS NEEDED
( ) 1.12 ASSOCIATED HARDWARE AS NEEDED
( ) 1.13 ELECTRICIAN'S BASIC TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL A 60 WATT INCANDESCENT LIGHT FIXTURE CONTROLLED BY A SINGLE POLE SWITCH (USING CABLE) EMPLOYING THE FOLLOWING PROCEDURE:

( ) 2.02 SELECT PROPER MATERIALS AND SUPPLIES FOR THE JOB
( ) 2.03 MARK AND PREPARE OUTLET LOCATIONS
( ) 2.04 BORE HOLES/MAKE CUTS FOR INSTALLING BOXES & RUNNING CABLE
( ) 2.05 RUN CABLE
( ) 2.06 INSTALL BOXES
( ) 2.07 SECURE CABLE TO BOXES
( ) 2.08 STRIP CONDUCTORS AND MAKE CONNECTIONS TO SWITCH AND LIGHT FIXTURES
( ) 2.09 DEMONSTRATE PROPER OPERATION OF THE CIRCUIT

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 CABLE AND BOXES INSTALLED TO APPROVAL OF BOARD OF LICENSED ELECTRICIANS. TO BE COMPLETED WITHIN 3-HOURS WITH EACH OPERATION JUDGED SATISFACTORY OR UNSATISFACTORY

( ) 3.02 TO THE EXTENT THAT THE JOB CAN BE DONE PROPERLY IN THE MOST ECONOMICAL WAY

( ) 1.01 ELECTRICAL LAYOUT BLUEPRINT OF A CIRCUIT WITH ONE SINGLE POLE SWITCH CONTROLLING A LIGHT FIXTURE
( ) 1.02 METAL-CLAD CABLE
( ) 1.03 ALUMINUM-SHEATHED CABLE
( ) 1.04 NON-METALLIC SHEATHED CABLE
( ) 1.05 OPEN WOODEN FRAME WALL AND CEILING
( ) 1.06 PLYWOOD WALL AND CEILING
( ) 1.07 PLASTERED WALL AND CEILING
( ) 1.08 CEMENT BLOCK WALL
( ) 1.09 ACOUSTIC CEILING
( ) 1.10 OPEN STEEL GIRDER CEILING
( ) 1.11 FASTENERS AS NEEDED
( ) 1.12 ASSOCIATED HARDWARE AS NEEDED
( ) 1.13 ELECTRICIAN'S BASIC TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL A 60 WATT INCANDESCENT LIGHT FIXTURE CONTROLLED BY A SINGLE POLE SWITCH (USING CABLE) EMPLOYING THE FOLLOWING PROCEDURE:

( ) 2.02 SELECT PROPER MATERIALS AND SUPPLIES FOR THE JOB
( ) 2.03 MARK AND PREPARE OUTLET LOCATIONS
( ) 2.04 BORE HOLES/MAKE CUTS FOR INSTALLING BOXES & RUNNING CABLE
( ) 2.05 RUN CABLE
( ) 2.06 INSTALL BOXES
( ) 2.07 SECURE CABLE TO BOXES
( ) 2.08 STRIP CONDUCTORS AND MAKE CONNECTIONS TO SWITCH AND LIGHT FIXTURES
( ) 2.09 DEMONSTRATE PROPER OPERATION OF THE CIRCUIT

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 CABLE AND BOXES INSTALLED TO APPROVAL OF BOARD OF LICENSED ELECTRICIANS. TO BE COMPLETED WITHIN 3 HOURS WITH EACH OPERATION JUDGED SATISFACTORY OR UNSATISFACTORY

( ) 3.02 TO THE EXTENT THAT THE JOB CAN BE DONE PROPERLY IN THE MOST ECONOMICAL WAY
( ) 3.03 ACCURATELY AND NEATLY
( ) 3.04 NEATLY TO CONFORM TO NEC STANDARDS
( ) 3.05 TO CONFORM TO NEC STANDARDS CABLE SHALL BE PROPERLY SECURED
( ) 3.06 TO CONFORM TO NEC STANDARDS
( ) 3.07 TO CONFORM TO NEC STANDARDS CABLE SHALL BE READY FOR SWITCH AND FIXTURE INSTALLATION
( ) 3.08 TO CONFORM TO NEC STANDARDS
( ) 3.09 CIRCUIT OPERATES PROPERLY

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 01 WIRING/SWITCHING OF OUTLETS & DEVICES

USOE CODE NO(S) _____

UNIT 01 SINGLE POLE SWITCH

TERMOB NO. 12-001

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 01 WIRING/SWITCHING OF OUTLETS & DEVICES

UNIT 01 SINGLE POLE SWITCH

TERMOB NO. 12-002

1.00 CONDITION

( ) 1.01 ELECTRICAL LAYOUT BLUEPRINT OF A CIRCUIT WITH ONE SINGLE POLE SWITCH CONTROLLING A LIGHT FIXTURE
( ) 1.02 SURFACE METAL RACEWAY
( ) 1.03 SURFACE NONMETALLIC RACEWAY
( ) 1.04 PLYWOOD WALL AND CEILING
( ) 1.05 PLASTERED WALL AND CEILING
( ) 1.06 SHEETROCK WALL AND CEILING
( ) 1.07 CEMENT BLOCK WALL
( ) 1.08 CONCRETE WALL
( ) 1.09 ACOUSTIC CEILING
( ) 1.10 FASTENERS AS NEEDED
( ) 1.11 ASSOCIATED HARDWARE AS NEEDED
( ) 1.12 ELECTRICIAN'S BASIC TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL A 60 WATT INCANDESCENT LIGHT FIXTURE CONTROLLED BY A SINGLE POLE SWITCH (USING RACEWAY) EMPLOYING THE FOLLOWING PROCEDURE:

( ) 2.02 SELECT PROPER MATERIALS AND SUPPLIES FOR THE JOB
( ) 2.03 MARK OUTLET LOCATIONS
( ) 2.04 INSTALL RACEWAY
( ) 2.05 INSTALL BOXES
( ) 2.06 RUN WIRE THROUGH RACEWAY
( ) 2.07 STRIP CONDUCTORS AND MAKE CONNECTIONS TO SWITCH AND LIGHT FIXTURE
( ) 2.08 DEMONSTRATE PROPER OPERATION OF THE CIRCUIT.

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 CIRCUIT INSTALLED TO APPROVAL OF BOARD OF LICENSED ELECTRICIANS. TO BE COMPLETED WITHIN 4 HOURS WITH EACH OPERATION JUDGED SATISFACTORY OR UNSATISFACTORY

( ) 3.02 TO THE EXTENT THAT THE JOB CAN BE DONE PROPERLY IN THE MOST ECONOMICAL WAY
( ) 3.03 ACCURATELY
( ) 3.04 TO CONFORM TO NEC STANDARDS RACEWAY SHALL BE PROPERLY CUT, JOINED AND SECURED
( ) 3.05 TO CONFORM TO NEC STANDARDS

( ) 1.01 ELECTRICAL LAYOUT BLUEPRINT OF A CIRCUIT WITH ONE SINGLE POLE SWITCH CONTROLLING A LIGHT FIXTURE
( ) 1.02 SURFACE METAL RACEWAY
( ) 1.03 SURFACE NONMETALLIC RACEWAY
( ) 1.04 PLYWOOD WALL AND CEILING
( ) 1.05 PLASTERED WALL AND CEILING
( ) 1.06 SHEETROCK WALL AND CEILING
( ) 1.07 CEMENT BLOCK WALL
( ) 1.08 CONCRETE WALL
( ) 1.09 ACOUSTIC CEILING
( ) 1.10 FASTENERS AS NEEDED
( ) 1.11 ASSOCIATED HARDWARE AS NEEDED
( ) 1.12 ELECTRICIAN'S BASIC TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL A 60 WATT INCANDESCENT LIGHT FIXTURE CONTROLLED BY A SINGLE POLE SWITCH (USING RACEWAY) EMPLOYING THE FOLLOWING PROCEDURE:

( ) 2.02 SELECT PROPER MATERIALS AND SUPPLIES FOR THE JOB
( ) 2.03 MARK OUTLET LOCATIONS
( ) 2.04 INSTALL RACEWAY
( ) 2.05 INSTALL BOXES
( ) 2.06 RUN WIRE THROUGH RACEWAY
( ) 2.07 STRIP CONDUCTORS AND MAKE CONNECTIONS TO SWITCH AND LIGHT FIXTURE
( ) 2.08 DEMONSTRATE PROPER OPERATION OF THE CIRCUIT

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 CIRCUIT INSTALLED TO APPROVAL OF BOARD OF LICENSED ELECTRICIANS. TO BE COMPLETED WITHIN 4 HOURS WITH EACH OPERATION JUDGED SATISFACTORY OR UNSATISFACTORY

( ) 3.02 TO THE EXTENT THAT THE JOB CAN BE DONE PROPERLY IN THE MOST ECONOMICAL WAY
( ) 3.03 ACCURATELY
( ) 3.04 TO CONFORM TO NEC STANDARDS RACEWAY SHALL BE PROPERLY CUT, JOINED AND SECURED
( ) 3.05 TO CONFORM TO NEC STANDARDS
( ) 3.06 TO CONFORM TO NEC STANDARDS, RACEWAY AND WIRE SHALL BE READY FOR SWITCH AND FIXTURE INSTALLATION
( ) 3.07 TO CONFORM TO NEC STANDARDS
( ) 3.08 CIRCUIT OPERATES PROPERLY

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 01 WIRING/SWITCHING OF OUTLETS & DEVICES

USOE CODE NO(S) _____

UNIT 01 SINGLE POLE SWITCH

TERMOB NO. 12-002

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 01 WIRING/SWITCHING OF OUTLETS & DEVICES

UNIT 01 SINGLE POLE SWITCH

TERMOB NO. 12-003

1.00 CONDITION

( ) 1.01 ELECTRICAL LAYOUT BLUEPRINT OF A CIRCUIT WITH ONE SINGLE POLE SWITCH CONTROLLING A LIGHT FIXTURE
( ) 1.02 ELECTRICAL METALLIC TUBING (EMT)
( ) 1.03 OPEN WOODEN FRAME WALL AND CEILING
( ) 1.04 PLYWOOD WALL AND CEILING
( ) 1.05 PLASTERED WALL AND CEILING
( ) 1.06 SHEETROCK WALL AND CEILING
( ) 1.07 CEMENT BLOCK WALL
( ) 1.08 CONCRETE WALL
( ) 1.09 ACOUSTIC CEILING
( ) 1.10 OPEN STEEL GIRDER CEILING
( ) 1.11 FASTENERS AS NEEDED
( ) 1.12 ASSOCIATED HARDWARE AS NEEDED
( ) 1.13 ELECTRICIAN'S BASIC TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL A 60 WATT INCANDESCENT LIGHT FIXTURE CONTROLLED BY A SINGLE POLE SWITCH (USING EMT) EMPLOYING THE FOLLOWING PROCEDURE:

( ) 2.02 SELECT PROPER MATERIALS AND SUPPLIES FOR THE JOB
( ) 2.03 MARK AND PREPARE OUTLET LOCATIONS
( ) 2.04 BORE HOLES/MAKE CUTS FOR INSTALLING BOXES AND RUNNING EMT
( ) 2.05 INSTALL EMT
( ) 2.06 INSTALL BOXES
( ) 2.07 RUN WIRE THROUGH EMT
( ) 2.08 STRIP CONDUCTORS AND MAKE CONNECTIONS TO SWITCH AND LIGHT FIXTURE
( ) 2.09 DEMONSTRATE PROPER OPERATION OF THE CIRCUIT

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 CIRCUIT INSTALLED TO APPROVAL OF BOARD OF LICENSED ELECTRICIANS. TO BE COMPLETED WITHIN 5 HOURS WITH EACH OPERATION JUDGED SATISFACTORY OR UNSATISFACTORY

( ) 3.02 TO THE EXTENT THAT THE JOB CAN BE DONE PROPERLY IN THE MOST ECONOMICAL WAY
( ) 3.03 ACCURATELY AND NEATLY
( ) 3.04 NEATLY TO CONFORM TO NEC STANDARDS

( ) 1.01 ELECTRICAL LAYOUT BLUEPRINT OF A CIRCUIT WITH ONE SINGLE POLE SWITCH CONTROLLING A LIGHT FIXTURE
( ) 1.02 ELECTRICAL METALLIC TUBING (EMT)
( ) 1.03 OPEN WOODEN FRAME WALL AND CEILING
( ) 1.04 PLYWOOD WALL AND CEILING
( ) 1.05 PLASTERED WALL AND CEILING
( ) 1.06 SHEETROCK WALL AND CEILING
( ) 1.07 CEMENT BLOCK WALL
( ) 1.08 CONCRETE WALL
( ) 1.09 ACOUSTIC CEILING
( ) 1.10 OPEN STEEL GIRDER CEILING
( ) 1.11 FASTENERS AS NEEDED
( ) 1.12 ASSOCIATED HARDWARE AS NEEDED
( ) 1.13 ELECTRICIAN'S BASIC TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 INSTALL A 60 WATT INCANDESCENT LIGHT FIXTURE CONTROLLED BY A SINGLE POLE SWITCH (USING EMT) EMPLOYING THE FOLLOWING PROCEDURE:

( ) 2.02 SELECT PROPER MATERIALS AND SUPPLIES FOR THE JOB
( ) 2.03 MARK AND PREPARE OUTLET LOCATIONS
( ) 2.04 BORE HOLES/MAKE CUTS FOR INSTALLING BOXES AND RUNNING EMT
( ) 2.05 INSTALL EMT
( ) 2.06 INSTALL BOXES
( ) 2.07 RUN WIRE THROUGH EMT
( ) 2.08 STRIP CONDUCTORS AND MAKE CONNECTIONS TO SWITCH AND LIGHT FIXTURE
( ) 2.09 DEMONSTRATE PROPER OPERATION OF THE CIRCUIT

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 CIRCUIT INSTALLED TO APPROVAL OF BOARD OF LICENSED ELECTRICIANS. TO BE COMPLETED WITHIN 5 HOURS WITH EACH OPERATION JUDGED SATISFACTORY OR UNSATISFACTORY

( ) 3.02 TO THE EXTENT THAT THE JOB CAN BE DONE PROPERLY IN THE MOST ECONOMICAL WAY
( ) 3.03 ACCURATELY AND NEATLY
( ) 3.04 NEATLY TO CONFORM TO NEC STANDARDS
( ) 3.05 NEATLY TO CONFORM TO NEC STANDARDS. EMT SHALL BE PROPERLY CUT, REAMED, BENT, JOINED AND SECURED
( ) 3.06 TO CONFORM TO NEC STANDARDS
( ) 3.07 TO CONFORM TO NEC STANDARDS, EMT AND WIRE SHALL BE READY FOR SWITCH AND FIXTURE INSTALLATION
( ) 3.08 TO CONFORM TO NEC STANDARDS
( ) 3.09 CIRCUIT OPERATES PROPERLY

MISOE NO. _____

PROGRAM ELECTRICAL.

DIVISION 01 WIRING/SWITCHING OF OUTLETS & DEVICES

USOE CODE NO(S) _____

UNIT 01 SINGLE POLE SWITCH

TERMOB NO. 12-003

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 01 WIRING/SWITCHING OF OUTLETS & DEVICES

UNIT 01 SINGLE POLE SWITCH

TERMOB NO. 12-004

1.00 CONDITION

( ) 1.01 ELECTRICAL LAYOUT BLUEPRINT OF A CIRCUIT WITH ONE SINGLE POLE SWITCH CONTROLLING A LIGHT FIXTURE
( ) 1.02 RIGID METAL CONDUIT
( ) 1.03 RIGID NONMETALLIC CONDUIT
( ) 1.04 FLEXIBLE METAL CONDUIT
( ) 1.05 OPEN WOODEN FRAME WALL AND CEILING
( ) 1.06 PLYWOOD WALL AND CEILING
( ) 1.07 PLASTERED WALL AND CEILING
( ) 1.08 CEMENT BLOCK WALL
( ) 1.09 CONCRETE WALL
( ) 1.10 ACOUSTIC CEILING
( ) 1.11 OPEN STEEL GIRDER CEILING
( ) 1.12 FASTENERS AS NEEDED
( ) 1.13 ASSOCIATED HARDWARE AS NEEDED
( ) 1.14 ELECTRICIAN'S BASIC TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL A 60 WATT INCANDESCENT LIGHT FIXTURE CONTROLLED BY A SINGLE POLE SWITCH (USING CONDUIT) EMPLOYING THE FOLLOWING PROCEDURE:

( ) 2.02 SELECT PROPER MATERIALS AND SUPPLIES FOR THE JOB
( ) 2.03 MARK AND PREPARE OUTLET LOCATIONS
( ) 2.04 BORE HOLES/MAKE CUTS FOR INSTALLING BOXES AND RUNNING CONDUIT
( ) 2.05 INSTALL CONDUIT
( ) 2.06 INSTALL BOXES
( ) 2.07 RUN WIRE THROUGH CONDUIT
( ) 2.08 STRIP CONDUCTORS AND MAKE CONNECTIONS TO SWITCH AND LIGHT FIXTURE
( ) 2.09 DEMONSTRATE PROPER OPERATION OF THE CIRCUIT

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 CIRCUIT INSTALLED TO APPROVAL OF BOARD OF LICENSED ELECTRICIANS. TO BE COMPLETED WITHIN 6 HOURS WITH EACH OPERATION JUDGED SATISFACTORY OR UNSATISFACTORY

( ) 3.02 TO THE EXTENT THAT THE JOB CAN BE DONE PROPERLY IN THE MOST ECONOMICAL WAY

( ) 1.01 ELECTRICAL LAYOUT BLUEPRINT OF A CIRCUIT WITH ONE SINGLE POLE SWITCH CONTROLLING A LIGHT FIXTURE
( ) 1.02 RIGID METAL CONDUIT
( ) 1.03 RIGID NONMETALLIC CONDUIT
( ) 1.04 FLEXIBLE METAL CONDUIT
( ) 1.05 OPEN WOODEN FRAME WALL AND CEILING
( ) 1.06 PLYWOOD WALL AND CEILING
( ) 1.07 PLASTERED WALL AND CEILING
( ) 1.08 CEMENT BLOCK WALL
( ) 1.09 CONCRETE WALL
( ) 1.10 ACOUSTIC CEILING
( ) 1.11 OPEN STEEL GIRDER CEILING
( ) 1.12 FASTENERS AS NEEDED
( ) 1.13 ASSOCIATED HARDWARE AS NEEDED
( ) 1.14 ELECTRICIAN'S BASIC TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL A 60 WATT INCANDESCENT LIGHT FIXTURE CONTROLLED BY A SINGLE POLE SWITCH (USING CONDUIT) EMPLOYING THE FOLLOWING PROCEDURE:

( ) 2.02 SELECT PROPER MATERIALS AND SUPPLIES FOR THE JOB
( ) 2.03 MARK AND PREPARE OUTLET LOCATIONS
( ) 2.04 BORE HOLES/MAKE CUTS FOR INSTALLING BOXES AND RUNNING CONDUIT
( ) 2.05 INSTALL CONDUIT
( ) 2.06 INSTALL BOXES
( ) 2.07 RUN WIRE THROUGH CONDUIT
( ) 2.08 STRIP CONDUCTORS AND MAKE CONNECTIONS TO SWITCH AND LIGHT FIXTURE
( ) 2.09 DEMONSTRATE PROPER OPERATION OF THE CIRCUIT

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 CIRCUIT INSTALLED TO APPROVAL OF BOARD OF LICENSED ELECTRICIANS. TO BE COMPLETED WITHIN 6 HOURS WITH EACH OPERATION JUDGED SATISFACTORY OR UNSATISFACTORY

( ) 3.02 TO THE EXTENT THAT THE JOB CAN BE DONE PROPERLY IN THE MOST ECONOMICAL WAY
( ) 3.03 ACCURATELY AND NEATLY
( ) 3.04 NEATLY TO CONFORM TO NEC STANDARDS
( ) 3.05 TO CONFORM TO NEC STANDARDS, CONDUIT SHALL BE PROPERLY CUT, REAMED, THREADED, BENT, JOINED AND SECURED
( ) 3.06 TO CONFORM TO NEC STANDARDS
( ) 3.07 TO CONFORM TO NEC STANDARDS CONDUIT AND WIRE SHALL BE READY FOR SWITCH AND FIXTURE INSTALLATION
( ) 3.08 TO CONFORM TO NEC STANDARDS
( ) 3.09 CIRCUIT OPERATES PROPERLY

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 01 WIRING/SWITCHING OF OUTLETS & DEVICES

USOE CODE NO(S) _____

UNIT 01 SINGLE POLE SWITCH

TERMOB NO. 12-004

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISEO NO. _____

PROGRAM ELECTRICAL

DIVISION 01 WIRING/SWITCHING OF OUTLETS & DEVICES

UNIT 01 SINGLE POLE SWITCH

TERMOB NO. 12-005

1.00 CONDITION

( ) 1.01 ELECTRICAL LAYOUT OF A CIRCUIT IN A RESIDENCE UNDER CONSTRUCTION WITH A TWO GANG SWITCH WHERE EACH SWITCH CONTROLS SEPARATE LIGHTING FIXTURES

( ) 1.02 ELECTRICAL LAYOUT BLUEPRINT OF A CIRCUIT IN AN EXISTING RESIDENCE WITH A TWO GANG SWITCH WHERE EACH SWITCH CONTROLS SEPARATE LIGHTING FIXTURES

( ) 1.03 ELECTRICAL LAYOUT BLUEPRINT OF A CIRCUIT IN A COMMERCIAL/INDUSTRIAL BUILDING UNDER CONSTRUCTION WITH A TWO GANG SWITCH WHERE EACH SWITCH CONTROLS SEPARATE LIGHTING FIXTURES

( ) 1.04 ELECTRICAL LAYOUT BLUEPRINT OF A CIRCUIT IN AN EXISTING COMMERCIAL/INDUSTRIAL BUILDING WITH A TWO GANG SWITCH WHERE EACH SWITCH CONTROLS SEPARATE LIGHTING FIXTURES

( ) 1.05 CABLE

( ) 1.06 CONDUIT

( ) 1.07 RACEWAY

( ) 1.08 ELECTRICAL METALLIC TUBING

( ) 1.09 APPROPRIATE GAUGE WIRE

( ) 1.10 INCANDESCENT LIGHTING FIXTURE

( ) 1.11 FLUORESCENT LIGHTING FIXTURE

( ) 1.12 SINGLE POLE SWITCHES

( ) 1.13 SERVICE PANEL

( ) 1.14 ASSOCIATED HARDWARE AS NEEDED

( ) 1.15 ELECTRICIAN'S BASIC TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL A TWO GANG SWITCH CIRCUIT SO THAT EACH SWITCH CONTROLS SEPARATE LIGHTING FIXTURES EMPLOYING THE FOLLOWING PROCEDURE:

( ) 2.02 SKETCH WIRING DIAGRAM FROM BLUEPRINT

( ) 2.03 SELECT PROPER MATERIALS AND SUPPLIES FOR THE JOB

( ) 2.04 MARK AND PREPARE OUTLET LOCATIONS

( ) 2.05 BORE HOLES AND MAKE CUTS WHERE NECESSARY FOR INSTALLING BOXES AND RUNNING CABLE, CONDUIT, RACEWAY OR EMT

( ) 2.06 INSTALL CABLE, CONDUIT, RACEWAY OR EMT

( ) 2.07 INSTALL BOXES

( ) 2.08 SECURE CABLE, CONDUIT, RACEWAY OR EMT TO BOXES

( ) 2.09 RUN WIRES IN CONDUIT, RACEWAY OR EMT AS NECESSARY

( ) 2.10 STRIP CONDUCTORS AND MAKE PROPER CONNECTIONS TO SWITCHES AND FIXTURES

( ) 2.11 CONNECT CIRCUIT TO SERVICE PANEL

( ) 2.12 DEMONSTRATE PROPER OPERATION OF THE CIRCUIT

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 01 WIRING/SWITCHING OF OUTLETS & DEVICES

USOE CODE NO(S) _____

UNIT 01 SINGLE POLE SWITCH

TERMOB NO. 12-005

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

MISOE NO. _____

PROGRAM : ELECTRICAL

DIVISION 01 WIRING/SWITCHING OF OUTLETS & DEVICES

UNIT 01 SINGLE POLE SWITCH

TERMOB NO. 12-005 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 CIRCUIT CONFORMS TO NEC AND OPERATES PROPERLY TO THE APPROVAL OF A BOARD OF LICENSED ELECTRICIANS. TO BE COMPLETED WITHIN A TIME APPROPRIATE FOR THE WIRING METHOD USED IN THE CONSTRUCTION ENCOUNTERED. (CABLE - 3 HRS, RACEWAY - 4 HRS, EMT - 5 HRS, CONDUIT - 6 HRS) WITH EACH STEP JUDGED SATISFACTORY OR UNSATISFACTORY

( ) 3.02 WITH EACH CONDUCTOR SHOWN, COLOR LABELED AND INDICATED HOT OR NEUTRAL

( ) 3.03 TO THE EXTENT THAT THE JOB CAN BE DONE PROPERLY IN THE MOST ECONOMICAL WAY

( ) 3.04 TO CONFORM TO NEC STANDARDS AND BLUEPRINT

( ) 3.05 TO CONFORM TO NEC STANDARDS AND BLUEPRINT

( ) 3.06 TO CONFORM TO NEC STANDARDS. CABLES/CONDUITS/RACEWAY/EMT SHALL BE PROPERLY SUPPORTED AND SECURED

( ) 3.07 TO CONFORM TO NEC STANDARDS

( ) 3.08 TO CONFORM TO NEC STANDARDS

( ) 3.09 TO CONFORM TO NEC STANDARDS

( ) 3.10 TO CONFORM TO NEC STANDARDS

( ) 3.11 TO CONFORM TO NEC STANDARDS

( ) 3.12 IN ACCORDANCE WITH BLUEPRINT AND WIRING DIAGRAM

MISOE NO. _____

PROGRAM ELECTRICAL

USOE CODE NO(S) _____

DIVISION 01 WIRING/SWITCHING OF OUTLETS & DEVICES

UNIT 01 SINGLE POLE SWITCH

TERMOB NO. 12-005 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 01 WIRING/SWITCHING OF OUTLETS & DEVICES

UNIT 02 DOUBLE POLE SWITCH CIRCUITS

TERMOB NO. 12-006

1.00 CONDITION

( ) 1.01 ELECTRICAL LAYOUT BLUEPRINT OF A CIRCUIT IN A RESIDENCE UNDER CONSTRUCTION WITH ONE DOUBLE POLE SWITCH CONTROLLING A 208/220 VOLT TANDEM SLOT DUPLEX RECEPTACLE

( ) 1.02 ELECTRICAL LAYOUT BLUEPRINT OF A CIRCUIT IN AN EXISTING RESIDENCE WITH ONE DOUBLE POLE SWITCH CONTROLLING A 208/220 VOLT TANDEM SLOT DUPLEX RECEPTACLE

( ) 1.03 ELECTRICAL LAYOUT BLUEPRINT OF A CIRCUIT IN A COMMERCIAL/INDUSTRIAL BUILDING UNDER CONSTRUCTION WITH ONE DOUBLE POLE SWITCH CONTROLLING A 208/220 VOLT TANDEM SLOT DUPLEX RECEPTACLE

( ) 1.04 ELECTRICAL LAYOUT BLUEPRINT OF A CIRCUIT IN AN EXISTING COMMERCIAL/INDUSTRIAL BUILDING WITH ONE DOUBLE POLE SWITCH CONTROLLING A 208/220 VOLT TANDEM SLOT DUPLEX RECEPTACLE

( ) 1.05 CABLE

( ) 1.06 CONDUIT

( ) 1.07 RACEWAY

( ) 1.08 ELECTRICAL METALLIC TUBING

( ) 1.09 APPROPRIATE GAUGE WIRE

( ) 1.10 220 VOLT, TANDEM SLOT, DUPLEX RECEPTACLE

( ) 1.11 TWO POLE, SIDE OPERATED, FUSED DISCONNECT SWITCH

( ) 1.12 SERVICE PANEL

( ) 1.13 ASSOCIATED HARDWARE AS NEEDED

( ) 1.14 ELECTRICIAN'S BASIC TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL A 2 POLE SIDE OPERATED FUSED DISCONNECT SWITCH TO CONTROL A 208/220 VOLT TANDEM SLOT DUPLEX RECEPTACLE EMPLOYING THE FOLLOWING PROCEDURE:

( ) 2.02 SKETCH WIRING DIAGRAM FROM BLUEPRINT

( ) 2.03 SELECT PROPER MATERIALS AND SUPPLIES FOR THE JOB

( ) 2.04 MARK AND PREPARE OUTLET LOCATIONS

( ) 2.05 BORE HOLES AND MAKE CUTS WHERE NECESSARY FOR INSTALLING BOXES AND RUNNING CABLE, CONDUIT, RACEWAY OR EMT

( ) 2.06 INSTALL CABLE, CONDUIT, RACEWAY OR EMT

( ) 2.07 INSTALL BOXES

( ) 2.08 SECURE CABLE, CONDUIT, RACEWAY OR EMT TO BOXES

( ) 2.09 RUN WIRES IN CONDUIT, RACEWAY OR EMT AS NECESSARY

( ) 2.10 STRIP CONDUCTORS AND MAKE PROPER CONNECTIONS TO SWITCHES AND FIXTURES

( ) 2.11 CONNECT CIRCUIT TO SERVICE PANEL

( ) 2.12 DEMONSTRATE PROPER OPERATION OF THE CIRCUIT

MISOE NO. _____

PROGRAM ELECTRICAL

USOE CODE NO.(S) _____

DIVISION 01 WIRING/SWITCHING OF OUTLETS & DEVICES

UNIT 02 DOUBLE POLE SWITCH CIRCUITS

TERMOB NO. 12-006

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 01 WIRING/SWITCHING OF OUTLETS & DEVICES

UNIT 02 DOUBLE POLE SWITCH CIRCUITS

TERMOB NO. 12-006 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME		
( )	3.01	CIRCUIT CONFORMS TO NEC AND OPERATES PROPERLY TO THE APPROVAL OF A BOARD OF LICENSED ELECTRICIANS, TO BE COMPLETED WITHIN A TIME APPROPRIATE FOR THE WIRING METHOD USED IN THE CONSTRUCTION ENCOUNTERED. (CABLE - 3 HRS, RACEWAY - 4 HRS, EMT - 5 HRS, CONDUIT - 6 HRS) WITH EACH STEP JUDGED SATISFACTORY OR UNSATISFACTORY
( )	3.02	WITH EACH CONDUCTOR SHOWN, COLOR LABELED AND INDICATED HOT OR NEUTRAL
( )	3.03	TO THE EXTENT THAT THE JOB CAN BE DONE PROPERLY IN THE MOST ECONOMICAL WAY
( )	3.04	TO CONFORM TO NEC STANDARDS AND BLUEPRINT
( )	3.05	TO CONFORM TO NEC STANDARDS AND BLUEPRINT
( )	3.06	TO CONFORM TO NEC STANDARDS, CABLES/CONDUITS/RACEWAY/ EMT SHALL BE PROPERLY SUPPORTED AND SECURED
( )	3.07	TO CONFORM TO NEC STANDARDS
( )	3.08	TO CONFORM TO NEC STANDARDS
( )	3.09	TO CONFORM TO NEC STANDARDS
( )	3.10	TO CONFORM TO NEC STANDARDS
( )	3.11	TO CONFORM TO NEC STANDARDS
( )	3.12	IN ACCORDANCE WITH BLUEPRINT AND WIRING DIAGRAM

MISOE NO. _____

PROGRAM ELECTRICAL

USOE CODE NO(S) _____

DIVISION 01 WIRING/SWITCHING OF OUTLETS & DEVICES

UNIT 02 DOUBLE POLE SWITCH CIRCUITS

TERMOB NO. 12-006 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 01 WIRING/SWITCHING OF OUTLETS & DEVICES

UNIT 02 DOUBLE POLE SWITCH CIRCUITS

TERMOB NO. 12-007

1.00 CONDITION

( ) 1.01 ELECTRICAL LAYOUT BLUEPRINT OF A CIRCUIT IN A RESIDENCE UNDER CONSTRUCTION WITH ONE DOUBLE POLE SWITCH CONTROLLING LIGHTING FIXTURES

( ) 1.02 ELECTRICAL LAYOUT BLUEPRINT OF A CIRCUIT IN AN EXISTING RESIDENCE WITH ONE DOUBLE POLE SWITCH CONTROLLING LIGHTING FIXTURES

( ) 1.03 ELECTRICAL LAYOUT BLUEPRINT OF A CIRCUIT IN A COMMERCIAL/INDUSTRIAL BUILDING UNDER CONSTRUCTION WITH ONE DOUBLE POLE SWITCH CONTROLLING LIGHTING FIXTURES

( ) 1.04 ELECTRICAL LAYOUT BLUEPRINT OF A CIRCUIT IN AN EXISTING COMMERCIAL/INDUSTRIAL BUILDING WITH ONE DOUBLE POLE SWITCH CONTROLLING LIGHTING FIXTURES

( ) 1.05 CABLE

( ) 1.06 CONDUIT

( ) 1.07 RACEWAY

( ) 1.08 ELECTRICAL METALLIC TUBING

( ) 1.09 APPROPRIATE GAUGE WIRE

( ) 1.10 INCANDESCENT LIGHTING FIXTURE

( ) 1.11 FLUORESCENT LIGHTING FIXTURE

( ) 1.12 DOUBLE POLE SWITCHES

( ) 1.13 SERVICE PANEL

( ) 1.14 ASSOCIATED HARDWARE AS NEEDED

( ) 1.15 ELECTRICIAN'S BASIC TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL A DOUBLE POLE SWITCH CIRCUIT TO CONTROL LIGHTING FIXTURES EMPLOYING THE FOLLOWING PROCEDURE:

( ) 2.02 SKETCH WIRING DIAGRAM FROM BLUEPRINT

( ) 2.03 SELECT PROPER MATERIALS AND SUPPLIES FOR THE JOB

( ) 2.04 MARK AND PREPARE OUTLET LOCATIONS

( ) 2.05 BORE HOLES AND MAKE CUTS WHERE NECESSARY FOR INSTALLING BOXES AND RUNNING CABLE, CONDUIT, RACEWAY OR EMT

( ) 2.06 INSTALL CABLE, CONDUIT, RACEWAY OR EMT

( ) 2.07 INSTALL BOXES

( ) 2.08 SECURE CABLE, CONDUIT, RACEWAY OR EMT TO BOXES

( ) 2.09 RUN WIRES IN CONDUIT, RACEWAY OR EMT AS NECESSARY

( ) 2.10 STRIP CONDUCTORS AND MAKE PROPER CONNECTIONS TO SWITCHES AND FIXTURES

( ) 2.11 CONNECT CIRCUIT TO SERVICE PANEL

( ) 2.12 DEMONSTRATE PROPER OPERATION OF THE CIRCUIT

MISOE NO. _____

PROGRAM ELECTRICAL

USOE CODE NO(S) _____

DIVISION 01 WIRING/SWITCHING OF OUTLETS & DEVICES

UNIT 02 DOUBLE POLE SWITCH CIRCUITS

TERMOB NO. 12-007

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 01 WIRING/SWITCHING OF OUTLETS & DEVICES

UNIT 02 DOUBLE POLE SWITCH CIRCUITS

TERMOB NO. 12-007 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME		
( )	3.01	CIRCUIT CONFORMS TO NEC AND OPERATES PROPERLY TO THE APPROVAL OF A BOARD OF LICENSED ELECTRICIANS, TO BE COMPLETED WITHIN A TIME APPROPRIATE FOR THE WIRING METHOD USED IN THE CONSTRUCTION ENCOUNTERED, (CABLE-3 HRS, RACEWAY-4 HRS, EMT-5 HRS, CONDUIT-6 HRS) WITH EACH STEP JUDGED SATSIFACTORY OR UNSATISFACTORY
( )	3.02	WITH EACH CONDUCTOR SHOWN, COLOR LABELED AND INDICATED, HOT OR NEUTRAL
( )	3.03	TO THE EXTENT THAT THE JOB CAN BE DONE PROPERLY IN THE MOST ECONOMICAL WAY
( )	3.04	TO CONFORM TO NEC STANDARDS AND BLUEPRINT
( )	3.05	TO CONFORM TO NEC STANDARDS AND BLUEPRINT
( )	3.06	TO CONFORM TO NEC STANDARDS. CABLES/CONDUITS/RACEWAY/EMT SHALL BE PROPERLY SUPPORTED AND SECURED
( )	3.07	TO CONFORM TO NEC STANDARDS
( )	3.08	TO CONFORM TO NEC STANDARDS
( )	3.09	TO CONFORM TO NEC STANDARDS
( )	3.10	TO CONFORM TO NEC STANDARDS
( )	3.11	TO CONFORM TO NEC STANDARDS
( )	3.12	IN ACCORDANCE WITH BLUEPRINT AND WIRING DIAGRAM

MISOE NO. _____

PROGRAM	ELECTRICAL	DIVISION 01	WIRING/SWITCHING OF OUTLETS & DEVICES
USOE CODE NO(S)		UNIT 02	DOUBLE POLE SWITCH CIRCUITS
		TERMOB NO.	12-007 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 01 WIRING/SWITCHING OF OUTLETS & DEVICES

UNIT 03 THREE WAY SWITCHES

TERMOB NO. 12-008

1.00 CONDITION

( ) 1.01 ELECTRICAL LAYOUT BLUEPRINT OF A CIRCUIT IN A RESIDENCE UNDER CONSTRUCTION WITH TWO THREE WAY SWITCHES CONTROLLING LIGHTING FIXTURES

( ) 1.02 ELECTRICAL LAYOUT BLUEPRINT OF A CIRCUIT IN A EXISTING RESIDENCE WITH TWO THREE WAY SWITCHES CONTROLLING LIGHTING FIXTURES

( ) 1.03 ELECTRICAL LAYOUT BLUEPRINT OF A CIRCUIT IN A COMMERCIAL/INDUSTRIAL BUILDING UNDER CONSTRUCTION WITH TWO THREE WAY SWTICHES CONTROLLING LIGHTING FIXTURES

( ) 1.04 ELECTRICAL LAYOUT BLUEPRINT OF A CIRCUIT IN AN EXISTING COMMERCIAL/INDUSTRIAL BUILDING WITH TWO THREE WAY SWITCHES CONTROLLING LIGHTING FIXTURES

( ) 1.05 CABLE

( ) 1.06 CONDUIT

( ) 1.07 RACEWAY

( ) 1.08 ELECTRICAL METALLIC TUBING

( ) 1.09 APPROPRIATE GAUGE WIRE

( ) 1.10 INCANDESCENT LIGHTING FIXTURES

( ) 1.11 FLUORESCENT LIGHTING FIXTURES

( ) 1.12 THREE WAY SWITCHES

( ) 1.13 SERVICE PANEL

( ) 1.14 ASSOCIATED HARDWARE AS NEEDED

( ) 1.15 ELECTRICIAN'S BASIC TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL TWO THREE WAY SWITCHES CONTROLLING LIGHTING FIXTURES EMPLOYING THE FOLLOWING PROCEDURE:

( ) 2.02 SKETCH WIRING DIAGRAM FROM BLUEPRINT

( ) 2.03 SELECT PROPER MATERIALS AND SUPPLIES FOR THE JOB

( ) 2.04 MARK AND PREPARE OUTLET LOCATIONS

( ) 2.05 BORE HOLES AND MAKE CUTS WHERE NECESSARY FOR INSTALLING BOXES AND RUNNING CABLE, CONDUIT, RACEWAY OR EMT

( ) 2.06 INSTALL CABLE, CONDUIT, RACEWAY OR EMT

( ) 2.07 INSTALL BOXES

( ) 2.08 SECURE CABLE, CONDUIT, RACEWAY OR EMT TO BOXES

( ) 2.09 RUN WIRES IN CONDUIT, RACEWAY OR EMT AS NECESSARY

( ) 2.10 STRIP CONDUCTORS AND MAKE PROPER CONNECTIONS TO SWITCHES AND FIXTURES

( ) 2.11 CONNECT CIRCUIT TO SERVICE PANEL

( ) 2.12 DEMONSTRATE PROPER OPERATION OF THE CIRCUIT

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 01 WIRING/SWITCHING OF OUTLETS & DEVICES

USOE CODE NO(S) _____

UNIT 03 THREE WAY SWITCHES

TERMOB NO. 12-008

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 01 WIRING/SWITCHING OF OUTLETS & DEVICES

UNIT 03 THREE WAY SWITCHES

TERMOB NO. 12-008. (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 CIRCUIT CONFORMS TO NEC AND OPERATES PROPERLY TO THE APPROVAL OF A BOARD OF LICENSED ELECTRICIANS. TO BE COMPLETED WITHIN A TIME APPROPRIATE FOR THE WIRING METHOD USED IN THE CONSTRUCTION ENCOUNTERED. (CABLE-3 HRS, RACEWAY-4 HRS, EMT-5 HRS, CONDUIT-6 HRS) WITH EACH STEP JUDGED SATISFACTORY OR UNSATISFACTORY

( ) 3.02 WITH EACH CONDUCTOR SHOWN, COLOR LABELED AND INDICATED HOT OR NEUTRAL

( ) 3.03 TO THE EXTENT THAT THE JOB CAN BE DONE PROPERLY IN THE MOST ECONOMICAL WAY

( ) 3.04 TO CONFORM TO NEC STANDARDS AND BLUEPRINT

( ) 3.05 TO CONFORM TO NEC STANDARDS AND BLUEPRINT

( ) 3.06 TO CONFORM TO NEC STANDARDS. CABLES/CONDUITS/RACEWAY/EMT PROPERLY SUPPORTED AND SECURED

( ) 3.07 TO CONFORM TO NEC STANDARDS

( ) 3.08 TO CONFORM TO NEC STANDARDS

( ) 3.09 TO CONFORM TO NEC STANDARDS

( ) 3.10 TO CONFORM TO NEC STANDARDS

( ) 3.11 TO CONFORM TO NEC STANDARDS

( ) 3.12 IN ACCORDANCE WITH BLUEPRINT AND WIRING DIAGRAM

MISOE NO. _____

PROGRAM ELECTRICAL

USOE CODE NO(S) _____

DIVISION 01 WIRING/SWITCHING OF OUTLETS & VICES

UNIT 03 THREE WAY SWITCHES

TERMOB NO. 12-008 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 01 WIRING/SWITCHING OF OUTLETS & DEVICES

UNIT 03 THREE WAY SWITCHES

TERMOB NO. 12-009

1.00 CONDITION

( ) 1.01 ELECTRICAL LAYOUT BLUEPRINT OF A CIRCUIT IN A RESIDENCE UNDER CONSTRUCTION WITH ONE THREE WAY SWITCH TO CONTROL TWO LIGHTING FIXTURES ALTERNATELY

( ) 1.02 ELECTRICAL LAYOUT BLUEPRINT OF A CIRCUIT IN AN EXISTING RESIDENCE WITH ONE THREE WAY SWITCH TO CONTROL TWO LIGHTING FIXTURES ALTERNATELY

( ) 1.03 ELECTRICAL LAYOUT BLUEPRINT OF A CIRCUIT IN A COMMERCIAL/INDUSTRIAL BUILDING UNDER CONSTRUCTION WITH ONE THREE WAY SWITCH TO CONTROL TWO LIGHTING FIXTURES ALTERNATELY

( ) 1.04 ELECTRICAL LAYOUT BLUEPRINT OF A CIRCUIT IN AN EXISTING COMMERCIAL/INDUSTRIAL BUILDING WITH ONE THREE WAY SWITCH TO CONTROL TWO LIGHTING FIXTURES ALTERNATELY

( ) 1.05 CABLE

( ) 1.06 CONDUIT

( ) 1.07 RACEWAY

( ) 1.08 ELECTRICAL METALLIC TUBING

( ) 1.09 APPROPRIATE GAUGE WIRE

( ) 1.10 INCANDESCENT LIGHTING FIXTURES

( ) 1.11 FLUORESCENT LIGHTING FIXTURES

( ) 1.12 THREE WAY SWITCHES

( ) 1.13 SERVICE PANEL

( ) 1.14 ASSOCIATED HARDWARE AS NEEDED

( ) 1.15 ELECTRICIAN'S BASIC TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL ONE THREE WAY SWITCH TO CONTROL 2 LIGHTING FIXTURES ALTERNATELY EMPLOYING THE FOLLOWING PROCEDURE:

( ) 2.02 SKETCH WIRING DIAGRAM

( ) 2.03 SELECT PROPER MATERIALS AND SUPPLIES FOR THE JOB

( ) 2.04 MARK AND PREPARE OUTLET LOCATIONS

( ) 2.05 BORE HOLES AND MAKE CUTS WHERE NECESSARY FOR INSTALLING BOXES AND RUNNING CABLE, CONDUIT, RACEWAY OR EMT

( ) 2.06 INSTALL CABLE, CONDUIT, RACEWAY OR EMT

( ) 2.07 INSTALL BOXES

( ) 2.08 SECURE CABLE, CONDUIT, RACEWAY OR EMT TO BOXES

( ) 2.09 RUN WIRES IN CONDUIT, RACEWAY OR EMT AS NECESSARY

( ) 2.10 STRIP CONDUCTORS AND MAKE PROPER CONNECTIONS TO SWITCHES AND FIXTURES

( ) 2.11 CONNECT CIRCUIT TO SERVICE PANEL

( ) 2.12 DEMONSTRATE PROPER OPERATION OF THE CIRCUIT

MISOE NO. _____

PROGRAM ELECTRICAL

USOE CODE NO(S) _____

DIVISION 01 WIRING/SWITCHING OF OUTLETS & DEVICES

UNIT 03 THREE WAY SWITCHES.

TERMOB NO. 12-009

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 01 WIRING/SWITCHING OF OUTLETS & DEVICES

UNIT 03 THREE WAY SWITCHES

TERMOB NO. 12-009 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 CIRCUIT CONFORMS TO NEC AND OPERATES PROPERLY TO THE APPROVAL OF A BOARD OF LICENSED ELECTRICIANS. TO BE COMPLETED WITHIN A TIME APPROPRIATE FOR THE WIRING METHOD USED IN THE CONSTRUCTION ENCOUNTERED. (CABLE-3 HRS, RACEWAY-4 HRS, EMT-5 HRS, CONDUIT-6 HRS) WITH EACH STEP JUDGED SATISFACTORY OR UNSATISFACTORY

( ) 3.02 WITH EACH CONDUCTOR SHOWN, COLOR LABELED AND INDICATED HOT OR NEUTRAL

( ) 3.03 TO THE EXTENT THAT THE JOB CAN BE DONE PROPERLY IN THE MOST ECONOMICAL WAY

( ) 3.04 TO CONFORM TO NEC STANDARDS AND BLUEPRINT

( ) 3.05 TO CONFORM TO NEC STANDARDS AND BLUEPRINT

( ) 3.06 TO CONFORM TO NEC STANDARDS. CABLES/CONDUITS/RACEWAY/EMT SHALL BE PROPERLY SUPPORTED AND SECURED

( ) 3.07 TO CONFORM TO NEC STANDARDS

( ) 3.08 TO CONFORM TO NEC STANDARDS

( ) 3.09 TO CONFORM TO NEC STANDARDS

( ) 3.10 TO CONFORM TO NEC STANDARDS

( ) 3.11 TO CONFORM TO NEC STANDARDS

( ) 3.12 IN ACCORDANCE WITH BLUEPRINT AND WIRING DIAGRAM

MISOE NO. _____

PROGRAM ELECTRICAL

USOE CODE NO(S) _____

DIVISION 01 WIRING/SWITCHING OF OUTLETS & DEVICES

UNIT 03 THREE WAY SWITCHES

TERMOB NO. 12-009 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 01 WIRING/SWITCHING OF OUTLETS & DEVICES

UNIT 04 FOUR WAY SWITCHES

TERMOB NO. 12-010

1.00 CONDITION

( ) 1.01 ELECTRICAL LAYOUT BLUEPRINT OF A CIRCUIT IN A RESIDENCE UNDER CONSTRUCTION WITH TWO THREE WAY SWITCHES AND ONE FOUR WAY SWITCH TO CONTROL LIGHTING FIXTURES

( ) 1.02 ELECTRICAL LAYOUT BLUEPRINT OF A CIRCUIT IN AN EXISTING RESIDENCE WITH TWO THREE WAY SWITCHES AND ONE FOUR WAY SWITCH TO CONTROL LIGHTING FIXTURES

( ) 1.03 ELECTRICAL LAYOUT BLUEPRINT OF A CIRCUIT IN A COMMERCIAL/INDUSTRIAL BUILDING UNDER CONSTRUCTION WITH TWO THREE WAY SWITCHES AND ONE FOUR WAY SWITCH TO CONTROL LIGHTING FIXTURES

( ) 1.04 ELECTRICAL LAYOUT BLUEPRINT OF A CIRCUIT IN AN EXISTING COMMERCIAL/INDUSTRIAL BUILDING WITH TWO THREE WAY SWITCHES AND ONE FOUR WAY SWITCH TO CONTROL LIGHTING FIXTURES

( ) 1.05 CABLE

( ) 1.06 CONDUIT

( ) 1.07 RACEWAY

( ) 1.08 ELECTRICAL METALLIC TUBING

( ) 1.09 APPROPRIATE GAUGE WIRE

( ) 1.10 INCANDESCENT LIGHTING FIXTURES

( ) 1.11 FLUORESCENT LIGHTING FIXTURES

( ) 1.12 THREE WAY SWITCHES

( ) 1.13 FOUR WAY SWITCHES

( ) 1.14 SERVICE PANEL

( ) 1.15 ASSOCIATED HARDWARE AS NEEDED

( ) 1.16 ELECTRICIAN'S BASIC TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL TWO THREE WAY SWITCHES AND ONE FOUR WAY SWITCH TO CONTROL LIGHTING FIXTURE(S) EMPLOYING THE FOLLOWING PROCEDURE:

( ) 2.02 SKETCH WIRING DIAGRAM FROM BLUEPRINT

( ) 2.03 SELECT PROPER MATERIALS AND SUPPLIES FOR THE JOB

( ) 2.04 MARK AND PREPARE OUTLET LOCATIONS

( ) 2.05 BORE HOLES AND MAKE CUTS WHERE NECESSARY FOR INSTALLING BOXES AND RUNNING CABLE, CONDUIT, RACEWAY OR EMT

( ) 2.06 INSTALL CABLE, CONDUIT, RACEWAY OR EMT

( ) 2.07 INSTALL BOXES

( ) 2.08 SECURE CABLE, CONDUIT, RACEWAY OR EMT TO BOXES

( ) 2.09 RUN WIRES IN CONDUIT, RACEWAY OR EMT AS NECESSARY

( ) 2.10 STRIP CONDUCTORS AND MAKE PROPER CONNECTIONS TO SWITCHES AND FIXTURES

( ) 2.11 CONNECT CIRCUIT TO SERVICE PANEL

( ) 2.12 DEMONSTRATE PROPER OPERATION OF THE CIRCUIT

MISOE NO. _____

PROGRAM ELECTRICAL

USOE CODE NO(S) _____

DIVISION 01 WIRING/SWITCHING OF OUTLETS & DEVICES

UNIT 04 FOUR WAY SWITCHES

TERMOB NO. 12-010

1.00 CONDITION.

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 01 WIRING/SWITCHING OF OUTLETS & DEVICES

UNIT 04 FOUR WAY SWITCHES

TERMOB NO. 12-010 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 CIRCUIT CONFORMS TO NEC AND OPERATES PROPERLY TO THE APPROVAL OF A BOARD OF LICENSED ELECTRICIANS. TO BE COMPLETED WITHIN A TIME APPROPRIATE FOR THE WIRING METHOD USED IN THE CONSTRUCTION ENCOUNTERED (CABLE-3 HRS, RACEWAY-4 HRS, EMT-5 HRS, CONDUIT-6 HRS) WITH EACH STEP JUDGED SATISFACTORY OR UNSATISFACTORY

( ) 3.02 WITH EACH CONDUCTOR SHOWN, COLOR LABELED AND INDICATED HOT OR NEUTRAL

( ) 3.03 TO THE EXTENT THAT THE JOB CAN BE DONE PROPERLY IN THE MOST ECONOMICAL WAY

( ) 3.04 TO CONFORM TO NEC STANDARDS AND BLUEPRINT

( ) 3.05 TO CONFORM TO NEC STANDARDS AND BLUEPRINT

( ) 3.06 TO CONFORM TO NEC STANDARDS. CABLES/CONDUITS/RACEWAY/ EMT SHALL BE PROPERLY SUPPORTED AND SECURED

( ) 3.07 TO CONFORM TO NEC STANDARDS

( ) 3.08 TO CONFORM TO NEC STANDARDS

( ) 3.09 TO CONFORM TO NEC STANDARDS

( ) 3.10 TO CONFORM TO NEC STANDARDS

( ) 3.11 TO CONFORM TO NEC STANDARDS

( ) 3.12 IN ACCORDANCE WITH BLUEPRINT AND WIRING DIAGRAM

MISOE NO. _____

PROGRAM ELECTRICAL

USOE CODE NO(S) _____

DIVISION 01 WIRING/SWITCHING OF OUTLETS & DEVICES

UNIT 04 FOUR WAY SWITCHES.

TERMOB NO. 12-010 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 01 WIRING/SWITCHING OF DEVICES AND OUTLETS

UNIT 04 FOUR WAY SWITCHES

TERMOB NO. 12-011

1.00 CONDITION

( ) 1.01 ELECTRICAL LAYOUT BLUEPRINT OF A CIRCUIT IN A RESIDENCE UNDER CONSTRUCTION WITH ONE THREE WAY SWITCH AND THE REQUIRED NUMBER OF FOUR WAY SWITCHES TO CONTROL LIGHTING FIXTURES

( ) 1.02 ELECTRICAL LAYOUT BLUEPRINT OF A CIRCUIT IN AN EXISTING RESIDENCE WITH ONE THREE WAY SWITCH AND THE REQUIRED NUMBER OF FOUR WAY SWITCHES TO CONTROL LIGHTING FIXTURES

( ) 1.03 ELECTRICAL LAYOUT BLUEPRINT OF A CIRCUIT IN A COMMERCIAL/INDUSTRIAL BUILDING UNDER CONSTRUCTION WITH ONE THREE WAY SWITCH AND THE REQUIRED NUMBER OF FOUR WAY SWITCHES TO CONTROL LIGHTING FIXTURES

( ) 1.04 ELECTRICAL LAYOUT BLUEPRINT OF A CIRCUIT IN AN EXISTING COMMERCIAL/INDUSTRIAL BUILDING WITH ONE THREE WAY SWITCH AND THE REQUIRED NUMBER OF FOUR WAY SWITCHES TO CONTROL LIGHTING FIXTURES

( ) 1.05 CABLE

( ) 1.06 CONDUIT

( ) 1.07 RACEWAY

( ) 1.08 ELECTRICAL METALLIC TUBING

( ) 1.09 APPROPRIATE GAUGE WIRE

( ) 1.10 INCANDESCENT LIGHTING FIXTURES

( ) 1.11 FLUORESCENT LIGHTING FIXTURES

( ) 1.12 THREE WAY SWITCHES

( ) 1.13 FOUR WAY SWITCHES

( ) 1.14 SERVICE PANEL

( ) 1.15 ASSOCIATED HARDWARE AS NEEDED

( ) 1.16 ELECTRICIAN'S BASIC TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL ONE THREE WAY AND REQUIRED NUMBER OF FOUR WAY SWITCHES TO CONTROL LIGHTING FIXTURES EMPLOYING THE FOLLOWING PROCEDURE:

( ) 2.02 SKETCH WIRING DIAGRAM FROM BLUEPRINT

( ) 2.03 SELECT PROPER MATERIALS AND SUPPLIES FOR THE JOB

( ) 2.04 MARK AND PREPARE OUTLET LOCATIONS

( ) 2.05 BORE HOLES AND MAKE CUTS WHERE NECESSARY FOR INSTALLING BOXES AND RUNNING CABLE, CONDUIT, RACEWAY OR EMT

( ) 2.06 INSTALL CABLE, CONDUIT, RACEWAY OR EMT

( ) 2.07 INSTALL BOXES

( ) 2.08 SECURE CABLE, CONDUIT, RACEWAY OR EMT TO BOXES

( ) 2.09 RUN WIRES IN CONDUIT, RACEWAY OR EMT AS NECESSARY

( ) 2.10 STRIP CONDUCTORS AND MAKE PROPER CONNECTIONS TO SWITCHES AND FIXTURES

( ) 1.01 ELECTRICAL LAYOUT BLUEPRINT OF A CIRCUIT IN A RESIDENCE UNDER CONSTRUCTION WITH ONE THREE WAY SWITCH AND THE REQUIRED NUMBER OF FOUR WAY SWITCHES TO CONTROL LIGHTING FIXTURES

( ) 1.02 ELECTRICAL LAYOUT BLUEPRINT OF A CIRCUIT IN AN EXISTING RESIDENCE WITH ONE THREE WAY SWITCH AND THE REQUIRED NUMBER OF FOUR WAY SWITCHES TO CONTROL LIGHTING FIXTURES

( ) 1.03 ELECTRICAL LAYOUT BLUEPRINT OF A CIRCUIT IN A COMMERCIAL/INDUSTRIAL BUILDING UNDER CONSTRUCTION WITH ONE THREE WAY SWITCH AND THE REQUIRED NUMBER OF FOUR WAY SWITCHES TO CONTROL LIGHTING FIXTURES

( ) 1.04 ELECTRICAL LAYOUT BLUEPRINT OF A CIRCUIT IN AN EXISTING COMMERCIAL/INDUSTRIAL BUILDING WITH ONE THREE WAY SWITCH AND THE REQUIRED NUMBER OF FOUR WAY SWITCHES TO CONTROL LIGHTING FIXTURES

( ) 1.05 CABLE

( ) 1.06 CONDUIT

( ) 1.07 RACEWAY

( ) 1.08 ELECTRICAL METALLIC TUBING

( ) 1.09 APPROPRIATE GAUGE WIRE

( ) 1.10 INCANDESCENT LIGHTING FIXTURES

( ) 1.11 FLUORESCENT LIGHTING FIXTURES

( ) 1.12 THREE WAY SWITCHES

( ) 1.13 FOUR WAY SWITCHES

( ) 1.14 SERVICE PANEL

( ) 1.15 ASSOCIATED HARDWARE AS NEEDED

( ) 1.16 ELECTRICIAN'S BASIC TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL ONE THREE WAY AND REQUIRED NUMBER OF FOUR WAY SWITCHES TO CONTROL LIGHTING FIXTURES EMPLOYING THE FOLLOWING PROCEDURE:

( ) 2.02 SKETCH WIRING DIAGRAM FROM BLUEPRINT

( ) 2.03 SELECT PROPER MATERIALS AND SUPPLIES FOR THE JOB

( ) 2.04 MARK AND PREPARE OUTLET LOCATIONS

( ) 2.05 BORE HOLES AND MAKE CUTS WHERE NECESSARY FOR INSTALLING BOXES AND RUNNING CABLE, CONDUIT, RACEWAY OR EMT

( ) 2.06 INSTALL CABLE, CONDUIT, RACEWAY OR EMT

( ) 2.07 INSTALL BOXES

( ) 2.08 SECURE CABLE, CONDUIT, RACEWAY OR EMT TO BOXES

( ) 2.09 RUN WIRES IN CONDUIT, RACEWAY OR EMT AS NECESSARY

( ) 2.10 STRIP CONDUCTORS AND MAKE PROPER CONNECTIONS TO SWITCHES AND FIXTURES

( ) 2.11 CONNECT CIRCUIT TO SERVICE PANEL

( ) 2.12 DEMONSTRATE PROPER OPERATION OF THE CIRCUIT

MISOE NO. _____

PROGRAM ELECTRICAL

USOE CODE NO(S) _____

DIVISION 01 WIRING/SWITCHING OF OUTLETS & DEVICES

UNIT 04 FOUR WAY SWITCHES

TERMOB NO. 12-011

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 01 WIRING/SWITCHING OF OUTLETS & DEVICES

UNIT 04 FOUR WAY SWITCHES

TERHOB NO. 12-011 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 CIRCUIT CONFORMS TO NEC AND OPERATES PROPERLY TO THE APPROVAL OF A BOARD OF LICENSED ELECTRICIANS. TO BE COMPLETED WITHIN A TIME APPROPRIATE FOR THE WIRING METHOD USED IN THE CONSTRUCTION ENCOUNTERED (CABLE-3 HRS, RACEWAY-4 HRS, EMT-5 HRS, CONDUIT-6 HRS) WITH EACH STEP JUDGED SATISFACTORY OR UNSATISFACTORY

( ) 3.02 WITH EACH CONDUCTOR SHOWN, COLOR LABELED AND INDICATED HOT OR NEUTRAL

( ) 3.03 TO THE EXTENT THAT THE JOB CAN BE DONE PROPERLY IN THE MOST ECONOMICAL WAY

( ) 3.04 TO CONFORM TO NEC STANDARDS AND BLUEPRINT

( ) 3.05 TO CONFORM TO NEC STANDARDS AND BLUEPRINT

( ) 3.06 TO CONFORM TO NEC STANDARDS. CABLES/CONDUITS/RACEWAY/EMT SHALL BE PROPERLY SUPPORTED AND SECURED

( ) 3.07 TO CONFORM TO NEC STANDARDS

( ) 3.08 TO CONFORM TO NEC STANDARDS

( ) 3.09 TO CONFORM TO NEC STANDARDS

( ) 3.10 TO CONFORM TO NEC STANDARDS

( ) 3.11 TO CONFORM TO NEC STANDARDS

( ) 3.12 IN ACCORDANCE WITH BLUEPRINT AND WIRING DIAGRAM

MISOE NO. _____

PROGRAM ELECTRICAL

USOE CODE NO(S) _____

DIVISION 01 WIRING/SWITCHING OF OUTLETS & DEVICES

UNIT 04 FOUR WAY SWITCHES

TERMOB NO. 12-011 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 31 WIRING SWITCHING OF OUTLETS & DEVICES

UNIT 05 COMBINED SWITCH/ RECEPTACLE CONNECTIONS

TERMOB NO. 12-012

1.00 CONDITION

( ) 1.01 ELECTRICAL LAYOUT BLUEPRINT OF A CIRCUIT IN A RESIDENCE UNDER CONSTRUCTION WITH A SINGLE POLE SWITCH CONTROLLING LIGHTING FIXTURES AND A CONSTANTLY ALIVE CENTRALLY LOCATED DUPLEX U-GROUND RECEPTACLE

( ) 1.02 ELECTRICAL LAYOUT BLUEPRINT OF A CIRCUIT IN AN EXISTING RESIDENCE WITH A SINGLE POLE SWITCH CONTROLLING LIGHTING FIXTURES AND A CONSTANTLY ALIVE CENTRALLY LOCATED DUPLEX U-GROUND RECEPTACLE

( ) 1.03 ELECTRICAL LAYOUT BLUEPRINT OF A CIRCUIT IN A COMMERCIAL/INDUSTRIAL BUILDING UNDER CONSTRUCTION WITH A SINGLE POLE SWITCH CONTROLLING LIGHTING FIXTURES AND A CONSTANTLY ALIVE CENTRALLY LOCATED DUPLEX U-GROUND RECEPTACLE

( ) 1.04 ELECTRICAL LAYOUT BLUEPRINT OF A CIRCUIT IN AN EXISTING COMMERCIAL/INDUSTRIAL BUILDING WITH A SINGLE POLE SWITCH CONTROLLING LIGHTING FIXTURES AND A CONSTANTLY ALIVE CENTRALLY LOCATED DUPLEX U-GROUND RECEPTACLE

( ) 1.05 CABLE

( ) 1.06 CONDUIT

( ) 1.07 RACEWAY

( ) 1.08 ELECTRICAL METALLIC TUBING

( ) 1.09 APPROPRIATE GAUGE WIRE

( ) 1.10 INCANDESCENT LIGHTING FIXTURES

( ) 1.11 FLUORESCENT LIGHTING FIXTURES

( ) 1.12 DUPLEX U-GROUND RECEPTACLES

( ) 1.13 SINGLE POLE SWITCHES

( ) 1.14 SERVICE PANEL

( ) 1.15 ASSOCIATED HARDWARE AS NEEDED

( ) 1.16 ELECTRICIAN'S BASIC TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL A SINGLE POLE SWITCH CONTROLLING LIGHTING FIXTURE(S) AND A CONSTANTLY ALIVE, CENTRALLY LOCATED DUPLEX U-GROUND RECEPTACLE EMPLOYING THE FOLLOWING PROCEDURE:

( ) 2.02 SKETCH WIRING DIAGRAM FROM BLUEPRINT

( ) 2.03 SELECT PROPER MATERIALS AND SUPPLIES FOR THE JOB

( ) 2.04 MARK AND PREPARE OUTLET LOCATIONS

( ) 2.05 BORE HOLES AND MAKE CUTS WHERE NECESSARY FOR INSTALLING BOXES AND RUNNING CABLE, CONDUIT, RACEWAY OR EMT

( ) 2.06 INSTALL CABLE, CONDUIT, RACEWAY OR EMT

( ) 2.07 INSTALL BOXES

( ) 2.08 SECURE CABLE, CONDUIT, RACEWAY OR EMT TO BOXES

( ) 2.09 PULL WIRES IN CONDUIT, RACEWAY OR EMT AS NECESSARY

( ) 1.01 ELECTRICAL LAYOUT BLUEPRINT OF A CIRCUIT IN A RESIDENCE UNDER CONSTRUCTION WITH A SINGLE POLE SWITCH CONTROLLING LIGHTING FIXTURES AND A CONSTANTLY ALIVE CENTRALLY LOCATED DUPLEX U-GROUND RECEPTACLE

( ) 1.02 ELECTRICAL LAYOUT BLUEPRINT OF A CIRCUIT IN AN EXISTING RESIDENCE WITH A SINGLE POLE SWITCH CONTROLLING LIGHTING FIXTURES AND A CONSTANTLY ALIVE CENTRALLY LOCATED DUPLEX U-GROUND RECEPTACLE

( ) 1.03 ELECTRICAL LAYOUT BLUEPRINT OF A CIRCUIT IN A COMMERCIAL/INDUSTRIAL BUILDING UNDER CONSTRUCTION WITH A SINGLE POLE SWITCH CONTROLLING LIGHTING FIXTURES AND A CONSTANTLY ALIVE CENTRALLY LOCATED DUPLEX U-GROUND RECEPTACLE

( ) 1.04 ELECTRICAL LAYOUT BLUEPRINT OF A CIRCUIT IN AN EXISTING COMMERCIAL/INDUSTRIAL BUILDING WITH A SINGLE POLE SWITCH CONTROLLING LIGHTING FIXTURES AND A CONSTANTLY ALIVE CENTRALLY LOCATED DUPLEX U-GROUND RECEPTACLE

( ) 1.05 CABLE

( ) 1.06 CONDUIT

( ) 1.07 RACEWAY

( ) 1.08 ELECTRICAL METALLIC TUBING

( ) 1.09 APPROPRIATE GAUGE WIRE

( ) 1.10 INCANDESCENT LIGHTING FIXTURES

( ) 1.11 FLUORESCENT LIGHTING FIXTURES

( ) 1.12 DUPLEX U-GROUND RECEPTACLES

( ) 1.13 SINGLE POLE SWITCHES

( ) 1.14 SERVICE PANEL

( ) 1.15 ASSOCIATED HARDWARE AS NEEDED

( ) 1.16 ELECTRICIAN'S BASIC TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL A SINGLE POLE SWITCH CONTROLLING LIGHTING FIXTURE(S) AND A CONSTANTLY ALIVE, CENTRALLY LOCATED DUPLEX U-GROUND RECEPTACLE EMPLOYING THE FOLLOWING PROCEDURE:

( ) 2.02 SKETCH WIRING DIAGRAM FROM BLUEPRINT

( ) 2.03 SELECT PROPER MATERIALS AND SUPPLIES FOR THE JOB

( ) 2.04 MARK AND PREPARE OUTLET LOCATIONS

( ) 2.05 BORE HOLES AND MAKE CUTS WHERE NECESSARY FOR INSTALLING BOXES AND RUNNING CABLE, CONDUIT, RACEWAY OR EMT.

( ) 2.06 INSTALL CABLE, CONDUIT, RACEWAY OR EMT

( ) 2.07 INSTALL BOXES

( ) 2.08 SECURE CABLE, CONDUIT, RACEWAY OR EMT TO BOXES

( ) 2.09 RUN WIRES IN CONDUIT, RACEWAY OR EMT AS NECESSARY

( ) 2.10 STRIP CONDUCTORS AND MAKE PROPER CONNECTIONS TO SWITCHES AND FIXTURES

( ) 2.11 CONNECT CIRCUIT TO SERVICE PANEL

( ) 2.12 DEMONSTRATE PROPER OPERATION OF THE CIRCUIT

MISOE NO. _____

PROGRAM ELECTRICAL

USOE CODE NO(S) _____

DIVISION 01 WIRING/SWITCHING OF OUTLETS & DEVICES

UNIT 05 COMBINED SWITCH/RECEPTACLE CONNECTIONS

TERMOB NO. 12-012

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 01 WIRING/SWITCHING OF OUTLETS & DEVICES

UNIT 05 COMBINED SWITCH/ RECEPTACLE CONNECTIONS

TERMOB NO. 12-012 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 CIRCUIT CONFORMS TO NEC AND OPERATES PROPERLY TO THE APPROVAL OF A BOARD OF LICENSED ELECTRICIANS. TO BE COMPLETED WITHIN A TIME APPROPRIATE FOR THE WIRING METHOD USED IN THE CONSTRUCTION ENCOUNTERED (CABLE-3 HRS, RACEWAY-4 HRS, EMT-5 HRS, CONDUIT-6 HRS) WITH EACH STEP JUDGED SATISFACTORY OR UNSATISFACTORY

( ) 3.02 WITH EACH CONDUCTOR SHOWN, COLOR LABELLED AND INDICATED HOT OR NEUTRAL

( ) 3.03 TO THE EXTENT THAT THE JOB CAN BE DONE PROPERLY IN THE MOST ECONOMICAL WAY

( ) 3.04 TO CONFORM TO NEC STANDARDS AND BLUEPRINT

( ) 3.05 TO CONFORM TO NEC STANDARDS AND BLUEPRINT

( ) 3.06 TO CONFORM TO NEC STANDARDS. CABLES/CONDUITS/RACEWAY/ EMT SHALL BE PROPERLY SUPPORTED AND SECURED

( ) 3.07 TO CONFORM TO NEC STANDARDS

( ) 3.08 TO CONFORM TO NEC STANDARDS

( ) 3.09 TO CONFORM TO NEC STANDARDS

( ) 3.10 TO CONFORM TO NEC STANDARDS

( ) 3.11 TO CONFORM TO NEC STANDARDS

( ) 3.12 IN ACCORDANCE WITH BLUEPRINT AND WIRING DIAGRAM

MISOE NO. _____

PROGRAM ELECTRICAL

USOE CODE NO(S) _____

DIVISION 01 WIRING/SWITCHING OF OUTLETS & DEVICES

UNIT 05 COMBINED SWITCH/RECEPTACLE CONNECTIONS

TERMOB NO. 12-012 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 01. WIRING/SWITCHING OF OUTLETS & DEVICES

UNIT 05 COMBINED SWITCH/RECEPTACLE CONNECTIONS

TERMOB NO. 12-013

1.00 CONDITION

( ) 1.01 ELECTRICAL LAYOUT BLUEPRINT OF A CIRCUIT IN A RESIDENCE UNDER CONSTRUCTION WITH TWO LIGHTING FIXTURES CONTROLLED BY TWO THREE WAY SWITCHES AND THREE DUPLEX RECEPTACLES, ONE CONSTANTLY ALIVE, ONE CONTROLLED BY ONE SWITCH AND ONE CONTROLLED BY BOTH SWITCHES

( ) 1.02 ELECTRICAL LAYOUT BLUEPRINT OF A CIRCUIT IN AN EXISTING RESIDENCE WITH TWO LIGHTING FIXTURES CONTROLLED BY TWO THREE WAY SWITCHES AND THREE DUPLEX RECEPTACLES, ONE CONSTANTLY ALIVE, ONE CONTROLLED BY ONE SWITCH, AND ONE CONTROLLED BY BOTH SWITCHES

( ) 1.03 ELECTRICAL LAYOUT BLUEPRINT OF A CIRCUIT IN A COMMERCIAL/INDUSTRIAL BUILDING UNDER CONSTRUCTION WITH TWO LIGHTING FIXTURES CONTROLLED BY TWO THREE WAY SWITCHES AND THREE DUPLEX RECEPTACLES, ONE CONSTANTLY ALIVE, ONE CONTROLLED BY ONE SWITCH AND ONE CONTROLLED BY BOTH SWITCHES

( ) 1.04 ELECTRICAL LAYOUT BLUEPRINT OF A CIRCUIT IN AN EXISTING COMMERCIAL/INDUSTRIAL BUILDING WITH TWO LIGHTING FIXTURES CONTROLLED BY TWO THREE WAY SWITCHES AND THREE DUPLEX RECEPTACLES, ONE CONSTANTLY ALIVE, ONE CONTROLLED BY ONE SWITCH AND ONE CONTROLLED BY BOTH SWITCHES

( ) 1.05 CABLE

( ) 1.06 CONDUIT

( ) 1.07 RACEWAY

( ) 1.08 ELECTRICAL METALLIC TUBING

( ) 1.09 APPROPRIATE GAUGE WIRE

( ) 1.10 INCANDESCENT LIGHTING FIXTURES

( ) 1.11 FLUORESCENT LIGHTING FIXTURES

( ) 1.12 THREE WAY SWITCHES

( ) 1.13 DUPLEX RECEPTACLES

( ) 1.14 SERVICE PANEL

( ) 1.15 ASSOCIATED HARDWARE AS NEEDED

( ) 1.16 ELECTRICIAN'S BASIC TOOLS, (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL A CIRCUIT COMPOSED OF TWO THREE WAY SWITCHES CONTROLLING TWO LIGHTING FIXTURES AND THREE DUPLEX RECEPTACLES, ONE RECEPTACLE CONSTANTLY ALIVE, ONE CONTROLLED BY ONLY ONE SWITCH AND ONE CONTROLLED BY BOTH SWITCHES, EMPLOYING THE FOLLOWING PROCEDURE:

( ) 2.02 SKETCH WIRING DIAGRAM FROM BLUEPRINT

( ) 2.03 SELECT PROPER MATERIALS AND SUPPLIES FOR THE JOB

( ) 1.01 ELECTRICAL LAYOUT BLUEPRINT OF A CIRCUIT IN A RESIDENCE UNDER CONSTRUCTION WITH TWO LIGHTING FIXTURES CONTROLLED BY TWO THREE WAY SWITCHES AND THREE DUPLEX RECEPTACLES, ONE CONSTANTLY ALIVE, ONE CONTROLLED BY ONE SWITCH AND ONE CONTROLLED BY BOTH SWITCHES

( ) 1.02 ELECTRICAL LAYOUT BLUEPRINT OF A CIRCUIT IN AN EXISTING RESIDENCE WITH TWO LIGHTING FIXTURES CONTROLLED BY TWO THREE WAY SWITCHES AND THREE DUPLEX RECEPTACLES, ONE CONSTANTLY ALIVE, ONE CONTROLLED BY ONE SWITCH, AND ONE CONTROLLED BY BOTH SWITCHES

( ) 1.03 ELECTRICAL LAYOUT BLUEPRINT OF A CIRCUIT IN A COMMERCIAL/INDUSTRIAL BUILDING UNDER CONSTRUCTION WITH TWO LIGHTING FIXTURES CONTROLLED BY TWO THREE WAY SWITCHES AND THREE DUPLEX RECEPTACLES, ONE CONSTANTLY ALIVE, ONE CONTROLLED BY ONE SWITCH AND ONE CONTROLLED BY BOTH SWITCHES

( ) 1.04 ELECTRICAL LAYOUT BLUEPRINT OF A CIRCUIT IN AN EXISTING COMMERCIAL/INDUSTRIAL BUILDING WITH TWO LIGHTING FIXTURES CONTROLLED BY TWO THREE WAY SWITCHES AND THREE DUPLEX RECEPTACLES, ONE CONSTANTLY ALIVE, ONE CONTROLLED BY ONE SWITCH AND ONE CONTROLLED BY BOTH SWITCHES

( ) 1.05 CABLE
( ) 1.06 CONDUIT
( ) 1.07 RACEWAY
( ) 1.08 ELECTRICAL METALLIC TUBING
( ) 1.09 APPROPRIATE GAUGE WIRE
( ) 1.10 INCANDESCENT LIGHTING FIXTURES
( ) 1.11 FLUORESCENT LIGHTING FIXTURES
( ) 1.12 THREE WAY SWITCHES
( ) 1.13 DUPLEX RECEPTACLES
( ) 1.14 SERVICE PANEL
( ) 1.15 ASSOCIATED HARDWARE AS NEEDED
( ) 1.16 ELECTRICIAN'S BASIC TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL A CIRCUIT COMPOSED OF TWO THREE WAY SWITCHES CONTROLLING TWO LIGHTING FIXTURES AND THREE DUPLEX RECEPTACLES, ONE RECEPTACLE CONSTANTLY ALIVE, ONE CONTROLLED BY ONLY ONE SWITCH AND ONE CONTROLLED BY BOTH SWITCHES, EMPLOYING THE FOLLOWING PROCEDURE:

( ) 2.02 SKETCH WIRING DIAGRAM FROM BLUEPRINT
( ) 2.03 SELECT PROPER MATERIALS AND SUPPLIES FOR THE JOB
( ) 2.04 MARK AND PREPARE OUTLET LOCATIONS
( ) 2.05 BORE HOLES WHERE NECESSARY FOR INSTALLING BOXES AND RUNNING CABLE, CONDUIT, RACEWAY OR EMT
( ) 2.06 INSTALL CABLE, CONDUIT, RACEWAY OR EMT
( ) 2.07 INSTALL BOXES
( ) 2.08 SECURE CABLE, CONDUIT, RACEWAY OR EMT TO BOXES
( ) 2.09 RUN WIRES IN CONDUIT, RACEWAY OR EMT AS NECESSARY
( ) 2.10 STRIP CONDUCTORS AND MAKE PROPER CONNECTIONS TO SWITCHES AND FIXTURES
( ) 2.11 CONNECT CIRCUIT TO SERVICE PANEL
( ) 2.12 DEMONSTRATE PROPER OPERATION OF THE CIRCUIT

MISOE NO. _____

PROGRAM ELECTRICAL

USOE CODE NO(S) _____

DIVISION 01 WIRING/SWITCHING OF OUTLETS & DEVICES

UNIT 05 COMBINED SWITCH/RECEPTACLE CONNECTIONS

TERMOB NO. 12-013

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 01 WIRING/SWITCHING OF OUTLETS & DEVICES

UNIT 05 COMBINED SWITCH/RECEPTACLE-CONNECTIONS

TERMOB NO. 12-013 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME		
( )	3.01	CIRCUIT CONFORMS TO NEC AND OPERATES PROPERLY TO THE APPROVAL OF A BOARD OF LICENSED ELECTRICIANS. TO BE COMPLETED WITHIN A TIME APPROPRIATE FOR THE WIRING METHOD USED IN THE CONSTRUCTION ENCOUNTERED. (CABLE-3 HRS, RACEWAY-4 HRS, EMT-5 HRS, CONDUIT-6 HRS) WITH EACH STEP JUDGED SATISFACTORY OR UNSATISFACTORY
( )	3.02	WITH EACH CONDUCTOR SHOWN, COLOR LABELED AND INDICATED HOT OR NEUTRAL
( )	3.03	TO THE EXTENT THAT THE JOB CAN BE DONE PROPERLY IN THE MOST ECONOMICAL WAY
( )	3.04	TO CONFORM TO NEC STANDARDS AND BLUEPRINT
( )	3.05	TO CONFORM TO NEC STANDARDS AND BLUEPRINT
( )	3.06	TO CONFORM TO NEC STANDARDS. CABLES/CONDUITS/RACEWAY/EMT SHALL BE PROPERLY SUPPORTED AND SECURED
( )	3.07	TO CONFORM TO NEC STANDARDS
( )	3.08	TO CONFORM TO NEC STANDARDS
( )	3.09	TO CONFORM TO NEC STANDARDS
( )	3.10	TO CONFORM TO NEC STANDARDS
( )	3.11	TO CONFORM TO NEC STANDARDS
( )	3.12	IN ACCORDANCE WITH BLUEPRINT AND WIRING DIAGRAM

MISOE NO. _____

PROGRAM ELECTRICAL

USOE CODE NO(S) _____

DIVISION 01 WIRING/SWITCHING OF OUTLETS & DEVICES

UNIT 05 COMBINED SWITCH/RECEPTACLE CONNECTIONS

TERMOB NO. 12-013 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____ 106

PROGRAM ELECTRICAL

DIVISION 02 HOME INTERIOR WIRING SPECIAL CIRCUITS

UNIT 01 BELLS, BUZZERS, CHIMES & ANNUNCIATORS

TERMOB NO. 12-014

1.00 CONDITION

( ) 1.01 VERBAL INSTRUCTIONS AS TO LOCATIONS, CONDITIONS AND SPECIFICATIONS OF CIRCUIT
( ) 1.02 LOW VOLTAGE WIRE WITH APPROPRIATE NUMBER OF CONDUCTORS
( ) 1.03 BOXES, LOW VOLTAGE TRANSFORMERS, PUSH BUTTONS, BELLS, CHIMES, ETC.
( ) 1.04 ASSOCIATED HARDWARE AS NEEDED
( ) 1.05 SERVICE PANEL
( ) 1.06 ELECTRICIAN'S BASIC TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL A BELL, BUZZER OR CHIME CIRCUIT TO BE CONTROLLED FROM TWO OR MORE LOCATIONS EMPLOYING THE FOLLOWING PROCEDURE:

( ) 2.02 SKETCH WIRING DIAGRAM
( ) 2.03 SELECT PROPER MATERIALS AND SUPPLIES FOR THE JOB
( ) 2.04 MARK AND PREPARE OUTLET LOCATIONS
( ) 2.05 FASTEN BOXES AND FUSE PANEL (IF NECESSARY) IN PLACE
( ) 2.06 BORE HOLES WHERE NECESSARY FOR RUNNING CABLE AND/OR WIRE
( ) 2.07 RUN CABLE AND/OR WIRE
( ) 2.08 SECURE CABLE/WIRE
( ) 2.09 MAKE SPLICES AND PROPER CONNECTIONS TO SWITCHES AND FIXTURES
( ) 2.10 RUN CIRCUIT INTO SERVICE PANEL
( ) 2.11 DEMONSTRATE PROPER OPERATION OF THE CIRCUIT

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 CIRCUIT CONFORMS TO NEC AND OPERATES PROPERLY TO THE APPROVAL OF A BOARD OF LICENSED ELECTRICIANS. TO BE COMPLETED WITHIN 2 HOURS WITH EACH STEP JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 WITH EACH CONDUCTOR SHOWN, COLOR LABELED AND APPLICABLE VOLTAGES
( ) 3.03 TO THE EXTENT THAT THE JOB CAN BE DONE PROPERLY IN THE MOST ECONOMICAL WAY
( ) 3.04 TO CONFORM TO NEC, VERBAL INSTRUCTIONS AND ACCEPTED

( ) 1.01 VERBAL INSTRUCTIONS AS TO LOCATIONS, CONDITIONS AND SPECIFICATIONS OF CIRCUIT

( ) 1.02 LOW VOLTAGE WIRE WITH APPROPRIATE NUMBER OF CONDUCTORS

( ) 1.03 BOXES, LOW VOLTAGE TRANSFORMERS, PUSH BUTTONS, BELLS, CHIMES, ETC.

( ) 1.04 ASSOCIATED HARDWARE AS NEEDED

( ) 1.05 SERVICE PANEL

( ) 1.06 ELECTRICIAN'S BASIC TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL A BELL, BUZZER OR CHIME CIRCUIT TO BE CONTROLLED FROM TWO OR MORE LOCATIONS EMPLOYING THE FOLLOWING PROCEDURE:

( ) 2.02 SKETCH WIRING DIAGRAM

( ) 2.03 SELECT PROPER MATERIALS AND SUPPLIES FOR THE JOB

( ) 2.04 MARK AND PREPARE OUTLET LOCATIONS

( ) 2.05 FASTEN BOXES AND FUSE PANEL (IF NECESSARY) IN PLACE

( ) 2.06 BORE HOLES WHERE NECESSARY FOR RUNNING CABLE AND/OR WIRE

( ) 2.07 RUN CABLE AND/OR WIRE

( ) 2.08 SECURE CABLE/WIRE

( ) 2.09 MAKE SPLICES AND PROPER CONNECTIONS TO SWITCHES AND FIXTURES

( ) 2.10 RUN CIRCUIT INTO SERVICE PANEL

( ) 2.11 DEMONSTRATE PROPER OPERATION OF THE CIRCUIT

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 CIRCUIT CONFORMS TO NEC AND OPERATES PROPERLY TO THE APPROVAL OF A BOARD OF LICENSED ELECTRICIANS. TO BE COMPLETED WITHIN 2 HOURS WITH EACH STEP JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 WITH EACH CONDUCTOR SHOWN, COLOR LABELED AND APPLICABLE VOLTAGES

( ) 3.03 TO THE EXTENT THAT THE JOB CAN BE DONE PROPERLY IN THE MOST ECONOMICAL WAY

( ) 3.04 TO CONFORM TO NEC, VERBAL INSTRUCTIONS AND ACCEPTED LOW VOLTAGE WIRING TECHNIQUES

( ) 3.05 TO CONFORM TO NEC AND ACCEPTED LOW VOLTAGE WIRING TECHNIQUES

( ) 3.06 TO CONFORM TO NEC AND ACCEPTED LOW VOLTAGE WIRING TECHNIQUES

( ) 3.07 TO CONFORM TO NEC AND ACCEPTED LOW VOLTAGE WIRING TECHNIQUES. CABLES/WIRES SHALL BE PROPERLY SUPPORTED AND SECURED

MISOE NO. _____

PROGRAM ELECTRICAL

USOE CODE NO(S). _____

DIVISION 02 HOME INTERIOR WIRING SPECIAL CIRCUITS

UNIT 01 BELLS, BUZZERS, CHIMES AND ANNUNCIATORS

TERMOB NO. 12-014

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 02 HOME INTERIOR WIRING SPECIAL CIRCUITS

UNIT 01 BELLS, BUZZERS, CHIMES AND ANNUNCIATORS

TERMOB NO. 12-014 (CONT.)

3.00 EXTENT (CONT.)

( ) 3.08 TO CONFORM TO NEC AND ACCEPTED LOW VOLTAGE WIRING TECHNIQUES

( ) 3.09 TO CONFORM TO NEC AND ACCEPTED LOW VOLTAGE WIRING TECHNIQUES

( ) 3.10 TO CONFORM TO NEC STANDARDS

( ) 3.11 IN ACCORDANCE WITH VERBAL CONDITIONS AND SPECIFICATIONS

MISOE NO. _____

PROGRAM ELECTRICAL

USOE CODE NO(S) _____

DIVISION 02 HOME INTERIOR WIRING SPECIAL CIRCUITS

UNIT 01 BELLS, BUZZERS, CHIMES AND ANNUNCIATORS

TERMOB NO. 12-014 (CONT.)

3.00 EXTENT (CONT.)

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 02 HOME INTERIOR WIRING SPECIAL CIRCUITS

UNIT 02 RESIDENTIAL FURNACE CONTROLS

TERMOB NO. 12-015

1.00 CONDITION

( ) 1.01 ELECTRICAL LAYOUT BLUEPRINT AND VERBAL INSTRUCTIONS AS TO LOCATIONS, CONDITIONS AND SPECIFICATIONS OF CIRCUIT
( ) 1.02 INSTALLATION MANUAL(S)
( ) 1.03 RIGID METAL CONDUIT
( ) 1.04 FLEXIBLE METAL CONDUIT
( ) 1.05 ELECTRICAL METALLIC TUBING
( ) 1.06 APPROPRIATE GAUGE CONDUCTORS
( ) 1.07 GAS FIRED FORCED AIR HEATING UNIT
( ) 1.08 THERMOSTAT
( ) 1.09 STACK CONTROLS
( ) 1.10 FLAME SENSING DEVICE
( ) 1.11 HIGH LOW LIMIT SWITCH
( ) 1.12 PROTECTIVE THERMAL DEVICES
( ) 1.13 SERVICE PANEL
( ) 1.14 ASSOCIATED HARDWARE AS NEEDED
( ) 1.15 ELECTRICIAN'S BASIC TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL ALL REQUIRED CONTROL DEVICES FOR A GAS FIRED FORCED AIR SYSTEM EMPLOYING THE FOLLOWING PROCEDURE:

( ) 2.02 SKETCH WIRING DIAGRAM
( ) 2.03 SELECT PROPER MATERIALS AND SUPPLIES FOR THE JOB
( ) 2.04 MARK AND PREPARE OUTLET LOCATIONS
( ) 2.05 FASTEN BOXES AND CONTROL DEVICES IN PLACE
( ) 2.06 BORE HOLES WHERE NECESSARY FOR RUNNING CONDUIT/EMT
( ) 2.07 INSTALL CONDUIT/EMT
( ) 2.08 SECURE CONDUIT/EMT TO BOXES AND DEVICES
( ) 2.09 PULL WIRE THROUGH CONDUIT/EMT
( ) 2.10 MAKE SPLICES AND PROPER CONNECTIONS TO SWITCHES AND DEVICES
( ) 2.11 RUN CIRCUIT INTO SERVICE PANEL
( ) 2.12 DEMONSTRATE PROPER OPERATION OF THE CIRCUIT

MISOE NO. _____

PROGRAM ELECTRICAL

USOE CODE NO(S) _____

DIVISION 02 HOME INTERIOR WIRING SPECIAL CIRCUITS

UNIT 02 RESIDENTIAL FURNACE CONTROLS

TERMOB NO. I2-015

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 02 HOME INTERIOR WIRING SPECIAL CIRCUITS

UNIT 02 RESIDENTIAL FURNACE CONTROLS

TERMOB NO. 12-015 (CONT)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 CIRCUIT CONFORMS TO NEC AND OPERATES PROPERLY TO THE APPROVAL OF A BOARD OF LICENSED ELECTRICIANS. TO BE COMPLETED WITHIN 8 HOURS, WITH EACH STEP JUDGED SATISFACTORY OR UNSATISFACTORY

( ) 3.02 WITH EACH CONDUCTOR SHOWN, COLOR LABELED, INDICATED HOT OR NEUTRAL AND APPLICABLE VOLTAGES

( ) 3.03 TO THE EXTENT THAT THE JOB CAN BE DONE PROPERLY IN THE MOST ECONOMICAL WAY

( ) 3.04 TO CONFORM TO NEC STANDARDS AND VERBAL INSTRUCTIONS

( ) 3.05 TO CONFORM TO NEC STANDARDS AND MANUFACTURER'S INSTRUCTIONS

( ) 3.06 TO CONFORM TO NEC STANDARDS AND MANUFACTURER'S INSTRUCTIONS

( ) 3.07 TO CONFORM TO NEC STANDARDS. CONDUITS/EMT SHALL BE PROPERLY SUPPORTED AND SECURED

( ) 3.08 TO CONFORM TO NEC STANDARDS

( ) 3.09 TO CONFORM TO NEC STANDARDS

( ) 3.10 TO CONFORM TO NEC STANDARDS AND MANUFACTURER'S INSTRUCTIONS

( ) 3.11 TO CONFORM TO NEC STANDARDS

( ) 3.12 IN ACCORDANCE WITH VERBAL CONDITIONS AND SPECIFICATIONS AND THE MANUFACTURER'S SPECIFICATIONS.

MISOE NO. _____

PROGRAM ELECTRICAL

USOE CODE NO(S) _____

DIVISION 02 HOME INTERIOR WIRING
SPECIAL CIRCUITS

UNIT 02 RESIDENTIAL FURNACE CONTROLS

TERMOB NO. I2-015 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 02 HOME INTERIOR WIRING SPECIAL CIRCUITS

UNIT 02 RESIDENTIAL FURNACE CONTROLS

TERMOB NO. 12-016

1.00 CONDITION

( ) 1.01 ELECTRICAL LAYOUT BLUEPRINT AND VERBAL INSTRUCTIONS AS TO LOCATIONS, CONDITIONS AND SPECIFICATIONS OF CIRCUIT
( ) 1.02 INSTALLATION MANUAL(S)
( ) 1.03 RIGID METAL CONDUIT
( ) 1.04 FLEXIBLE METAL CONDUIT
( ) 1.05 ELECTRICAL METALLIC TUBING
( ) 1.06 APPROPRIATE GAUGE CONDUCTORS
( ) 1.07 GAS FIRED FORCED WATER HEATING UNIT
( ) 1.08 THERMOSTAT
( ) 1.09 STACK CONTROLS
( ) 1.10 FLAME SENSING DEVICE
( ) 1.11 HIGH LOW LIMIT SWITCHES
( ) 1.12 PRESSURE SWITCHES
( ) 1.13 DOMESTIC HOT WATER AQUASTATS
( ) 1.14 CIRCULATING PUMPS
( ) 1.15 PROTECTIVE THERMAL DEVICES
( ) 1.16 SERVICE PANEL
( ) 1.17 ASSOCIATED HARDWARE AS NEEDED
( ) 1.18 ELECTRICIAN'S BASIC TOOLS (TABLE T-3).

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL ALL REQUIRED CONTROL DEVICES FOR A GAS FIRED FORCED WATER HEATING SYSTEM EMPLOYING THE FOLLOWING PROCEDURE:

( ) 2.02 SKETCH WIRING DIAGRAM
( ) 2.03 SELECT PROPER MATERIALS AND SUPPLIES FOR THE JOB
( ) 2.04 MARK AND PREPARE OUTLET LOCATIONS
( ) 2.05 FASTEN BOXES AND CONTROL DEVICES IN PLACE
( ) 2.06 BORE HOLES WHERE NECESSARY FOR RUNNING OF CONDUIT/EMT
( ) 2.07 INSTALL CONDUIT/EMT
( ) 2.08 SECURE CONDUIT/EMT TO BOXES AND DEVICES
( ) 2.09 PULL WIRE THROUGH CONDUIT/EMT
( ) 2.10 MAKE SPLICES AND PROPER CONNECTIONS TO SWITCHES AND DEVICES
( ) 2.11 RUN CIRCUIT INTO SERVICE PANEL
( ) 2.12 DEMONSTRATE PROPER OPERATION OF THE CIRCUIT

MISOE NO. _____

PROGRAM ELECTRICAL

USOE CODE NO(S) _____

DIVISION 02 HOME INTERIOR WIRING SPECIAL CIRCUITS

UNIT 02 RESIDENTIAL FURNACE CONTROLS

TERMOB NO. 12-016

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 02 HOME INTERIOR WIRING SPECIAL CIRCUITS

UNIT 02 RESIDENTIAL FURNACE CONTROLS

TERMOB NO. 12-016 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME		
( )	3.01	CIRCUIT CONFORMS TO NEC AND OPERATES PROPERLY TO THE APPROVAL OF A BOARD OF LICENSED ELECTRICIANS. TO BE COMPLETED WITHIN 8 HOURS, WITH EACH STEP JUDGED SATISFACTORY OR UNSATISFACTORY
( )	3.02	WITH EACH CONDUCTOR SHOWN, COLOR LABELED, INDICATED HOT OR NEUTRAL
( )	3.03	TO THE EXTENT THAT THE JOB CAN BE DONE PROPERLY IN THE MOST ECONOMICAL WAY
( )	3.04	TO CONFORM TO NEC STANDARDS AND VERBAL INSTRUCTIONS
( )	3.05	TO CONFORM TO NEC STANDARDS AND MANUFACTURER'S INSTRUCTIONS
( )	3.06	TO CONFORM TO NEC STANDARDS AND MANUFACTURER'S INSTRUCTIONS
( )	3.07	TO CONFORM TO NEC STANDARDS. CONDUITS/EMT SHALL BE PROPERLY SUPPORTED AND SECURED
( )	3.08	TO CONFORM TO NEC STANDARDS
( )	3.09	TO CONFORM TO NEC STANDARDS
( )	3.10	TO CONFORM TO NEC STANDARDS AND MANUFACTURER'S INSTRUCTIONS
( )	3.11	TO CONFORM TO NEC STANDARDS
( )	3.12	IN ACCORDANCE WITH VERBAL CONDITIONS AND SPECIFICATIONS AND THE MANUFACTURER'S SPECIFICATIONS

MISOE NO. _____

PROGRAM ELECTRICAL

USOE CODE NO(S) _____

DIVISION 02 HOME INTERIOR WIRING
SPECIAL CIRCUITS

UNIT 02 RESIDENTIAL FURNACES
CONTROLS

TERMOB NO. 12-016 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 02 HOME INTERIOR WIRING SPECIAL CIRCUITS

UNIT 02 RESIDENTIAL FURNACE CONTROLS

TERMOB NO. 12-017

1.00 CONDITION

( ) 1.01 ELECTRICAL LAYOUT BLUEPRINT AND VERBAL INSTRUCTIONS AS TO LOCATIONS, CONDITIONS AND SPECIFICATIONS OF CIRCUIT
( ) 1.02 INSTALLATION MANUAL(S)
( ) 1.03 NONMETALLIC-SHEATHED CABLE
( ) 1.04 METAL CLAD CABLE
( ) 1.05 RIGID CONDUIT
( ) 1.06 FLEXIBLE CONDUIT
( ) 1.07 ELECTRIC METALLIC TUBING
( ) 1.08 APPROPRIATE GAUGE WIRE
( ) 1.09 ELECTRIC BASEBOARD HEATING UNITS
( ) 1.10 THERMOSTATS
( ) 1.11 SERVICE PANEL
( ) 1.12 ASSOCIATED HARDWARE AS NEEDED
( ) 1.13 ELECTRICIAN'S BASIC TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL A TWO-ZONE ELECTRIC BASEBOARD HEATING SYSTEM EMPLOYING THE FOLLOWING PROCEDURE:

( ) 2.02 SKETCH WIRING DIAGRAM
( ) 2.03 SELECT PROPER MATERIALS AND SUPPLIES FOR THE JOB
( ) 2.04 MARK AND PREPARE OUTLET LOCATIONS
( ) 2.05 FASTEN BOXES AND CONTROL DEVICES IN PLACE
( ) 2.06 BORE HOLES WHERE NECESSARY FOR RUNNING OF CABLE, CONDUIT OR EMT
( ) 2.07 RUN CABLE OR EMT
( ) 2.08 SECURE CABLE/CONDUIT/EMT TO BOXES AND DEVICES
( ) 2.09 PULL WIRE THROUGH CONDUIT/EMT
( ) 2.10 MAKE SPLICES AND PROPER CONNECTIONS TO BOXES AND DEVICES
( ) 2.11 RUN CIRCUIT INTO SERVICE PANEL
( ) 2.12 DEMONSTRATE PROPER OPERATION OF THE CIRCUIT

MISOE NO. _____

PROGRAM ELECTRICAL

USOE CODE NO(S) _____

DIVISION 02 HOME INTERIOR WIRING SPECIAL CIRCUITS

UNIT 02 RESIDENTIAL FURNACE CONTROLS

TERMOB NO. 12-017

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 02 HOME INTERIOR WIRING SPECIAL CIRCUITS

UNIT 02 RESIDENTIAL FURNACE CONTROLS .

TERMOB NO. 12-017 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME		
( )	3.01	CIRCUIT CONFORMS TO NEC AND OPERATES PROPERLY TO APPROVAL OF A BOARD OF LICENSED ELECTRICIANS. TO BE COMPLETED WITHIN 8 HOURS WITH EACH STEP JUDGED AS SATISFACTORY OR UNSATISFACTORY
( )	3.02	WITH EACH CONDUCTOR SHOWN, COLOR LABELED, INDICATED HOT OR NEUTRAL AND APPLICABLE VOLTAGES
( )	3.03	TO THE EXTENT THAT THE JOB CAN BE DONE PROPERLY IN THE MOST ECONOMICAL WAY
( )	3.04	TO CONFORM TO NEC STANDARDS AND VERBAL INSTRUCTIONS
( )	3.05	TO CONFORM TO NEC STANDARDS AND MANUFACTURER'S INSTRUCTIONS
( )	3.06	TO CONFORM TO NEC STANDARDS AND MANUFACTURER'S INSTRUCTIONS
( )	3.07	TO CONFORM TO NEC STANDARDS. CABLES/CONDUITS/EMT SHALL BE PROPERLY SUPPORTED AND SECURED.
( )	3.08	TO CONFORM TO NEC STANDARDS
( )	3.09	TO CONFORM TO NEC STANDARDS
( )	3.10	TO CONFORM TO NEC STANDARDS AND MANUFACTURER'S INSTRUCTIONS
( )	3.11	TO CONFORM TO NEC STANDARDS
( )	3.12	IN ACCORDANCE WITH VERBAL CONDITIONS AND SPECIFICATIONS AND THE MANUFACTURER'S SPECIFICATIONS

MISOE NO. _____

PROGRAM ELECTRICAL

USOE CODE NO(S) _____

DIVISION 02 HOME INTERIOR WIRING SPECIAL CIRCUITS

UNIT 02 RESIDENTIAL FURNACE CONTROLS

TERMOB NO. 12-017 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 02 HOME INTERIOR WIRING
SPECIAL CIRCUITS

UNIT 02 RESIDENTIAL FURNACE CONTROLS

TERMOB NO. 12-018

1.00 CONDITION

( ) 1.01 VERBAL INSTRUCTIONS AS TO LOCATIONS, CONDITIONS AND SPECIFICATIONS OF CIRCUIT
( ) 1.02 INSTALLATION MANUAL(S)
( ) 1.03 RIGID METAL CONDUIT
( ) 1.04 FLEXIBLE METAL CONDUIT
( ) 1.05 ELECTRICAL METALLIC TUBING
( ) 1.06 APPROPRIATE GAUGE CONDUCTORS
( ) 1.07 OIL FIRED FORCED WATER HEATING UNIT
( ) 1.08 THERMOSTAT
( ) 1.09 STACK CONTROLS
( ) 1.10 FLAME SENSING DEVICE
( ) 1.11 HIGH-LOW LIMIT SWITCHES
( ) 1.12 PRESSURE SWITCHES
( ) 1.13 DOMESTIC HOT WATER AQUASTATS
( ) 1.14 CIRCULATING PUMPS
( ) 1.15 PROTECTIVE THERMAL DEVICES
( ) 1.16 SERVICE PANEL
( ) 1.17 ASSOCIATED HARDWARE AS NEEDED
( ) 1.18 ELECTRICIAN'S BASIC TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL ALL REQUIRED CONTROL DEVICES FOR AN OIL FIRED FORCED WATER HEATING SYSTEM EMPLOYING THE FOLLOWING PROCEDURES:

( ) 2.02 SKETCH WIRING DIAGRAM
( ) 2.03 SELECT PROPER MATERIALS AND SUPPLIES FOR THE JOB
( ) 2.04 MARK AND PREPARE OUTLET LOCATIONS
( ) 2.05 FASTEN BOXES AND CONTROL DEVICES IN PLACE
( ) 2.06 BORE HOLES WHERE NECESSARY FOR RUNNING OF CONDUIT/EMT
( ) 2.07 INSTALL CONDUIT/EMT
( ) 2.08 SECURE CONDUIT/EMT TO BOXES AND DEVICES
( ) 2.09 PULL WIRE THROUGH CONDUIT/EMT
( ) 2.10 MAKE SPLICES AND PROPER CONNECTIONS TO SWITCHES AND DEVICES
( ) 2.11 RUN CIRCUIT INTO SERVICE PANEL
( ) 2.12 DEMONSTRATE PROPER OPERATION OF THE CIRCUIT

MISOE NO. _____

PROGRAM ELECTRICAL

USOE CODE NO(S) _____

DIVISION 02 HOME INTERIOR WIRING SPECIAL CIRCUITS

UNIT 02 RESIDENTIAL FURNACE CONTROLS

TERMOB NO. 12-018

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 02 HOME INTERIOR WIRING
SPECIAL CIRCUITS
UNIT .02 RESIDENTIAL FURNACE
CONTROLS
TERMOB NO. 12-018 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 CIRCUIT CONFORMS TO NEC AND OPERATES PROPERLY TO THE APPROVAL OF A BOARD OF LICENSED ELECTRICIANS. TO BE COMPLETED WITHIN 8 HOURS WITH EACH STEP JUDGED SATISFACTORY OR UNSATISFACTORY

( ) 3.02 WITH EACH CONDUCTOR SHOWN, COLOR LABELED, INDICATED HOT OR NEUTRAL AND APPLICABLE VOLTAGES

( ) 3.03 TO THE EXTENT THAT THE JOB CAN BE DONE PROPERLY IN THE MOST ECONOMICAL WAY

( ) 3.04 TO CONFORM TO NEC STANDARDS AND VERBAL INSTRUCTIONS

( ) 3.05 TO CONFORM TO NEC STANDARDS AND MANUFACTURER'S INSTRUCTIONS

( ) 3.06 TO CONFORM TO NEC STANDARDS AND MANUFACTURER'S INSTRUCTIONS

( ) 3.07 TO CONFORM TO NEC STANDARDS. CONDUITS/EMT SHALL BE PROPERLY SUPPORTED AND SECURED

( ) 3.08 TO CONFORM TO NEC STANDARDS

( ) 3.09 TO CONFORM TO NEC STANDARDS

( ) 3.10 TO CONFORM TO NEC STANDARDS AND MANUFACTURER'S INSTRUCTIONS

( ) 3.11 TO CONFORM TO NEC STANDARDS

( ) 3.12 IN ACCORDANCE WITH VERBAL CONDITIONS AND SPECIFICATIONS AND THE MANUFACTURER'S SPECIFICATIONS

MISOE NO. _____

PROGRAM ELECTRICAL

USOE CODE NO(S) _____

DIVISION 02 HOME INTERIOR WIRING SPECIAL CIRCUITS

UNIT 02 RESIDENTIAL FURNACE CONTROLS

TERMOB NO. 12-018 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 02 HOME INTERIOR WIRING SPECIAL CIRCUITS

UNIT 02 RESIDENTIAL FURNACE CONTROLS

TERMOB NO. 12-019

1.00 CONDITION

( ) 1.01 VERBAL INSTRUCTIONS AS TO LOCATIONS, CONDITIONS AND SPECIFICATIONS OF CIRCUIT
( ) 1.02 INSTALLATION MANUAL(S)
( ) 1.03 RIGID METAL CONDUIT
( ) 1.04 FLEXIBLE METAL CONDUIT
( ) 1.05 ELECTRICAL METALLIC TUBING
( ) 1.06 APPROPRIATE GAUGE CONDUCTORS
( ) 1.07 OIL FIRED STEAM HEATING UNIT
( ) 1.08 THERMOSTAT
( ) 1.09 STACK CONTROLS
( ) 1.10 FLAME SENSING DEVICE
( ) 1.11 HIGH-LOW LIMIT SWITCHES
( ) 1.12 PRESSURE SWITCHES
( ) 1.13 PROTECTIVE THERMAL DEVICES
( ) 1.14 SERVICE PANEL
( ) 1.15 ASSOCIATED HARDWARE AS NEEDED
( ) 1.16 ELECTRICIAN'S BASIC TOOLS(TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL ALL REQUIRED CONTROL DEVICES FOR AN OIL FIRED STEAM HEATING SYSTEM EMPLOYING THE FOLLOWING PROCEDURE:

( ) 2.02 SKETCH WIRING DIAGRAM
( ) 2.03 SELECT PROPER MATERIALS AND SUPPLIES FOR THE JOB
( ) 2.04 MARK AND PREPARE OUTLET LOCATIONS
( ) 2.05 FASTEN BOXES AND CONTROL DEVICES IN PLACE
( ) 2.06 BORE HOLES WHERE NECESSARY FOR RUNNING OF CONDUIT/EMT
( ) 2.07 INSTALL CONDUIT/EMT
( ) 2.08 SECURE CONDUIT/EMT TO BOXES AND DEVICES
( ) 2.09 PULL WIRE THROUGH CONDUIT/EMT
( ) 2.10 MAKE SPLICES AND PROPER CONNECTIONS TO SWITCHES AND DEVICES
( ) 2.11 RUN CIRCUIT INTO SERVICE PANEL
( ) 2.12 DEMONSTRATE PROPER OPERATION OF THE CIRCUIT

MISOE NO. _____

PROGRAM ELECTRICAL

USOE CODE NO(S) _____

DIVISION 02 HOME INTERIOR WIRING
SPECIAL CIRCUITS

UNIT 02 RESIDENTIAL FURNACE
CONTROLS

TERMOB NO. 12-019

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 02 HOME INTERIOR WIRING SPECIAL CIRCUITS

UNIT 02 RESIDENTIAL FURNACE CONTROLS

TERMOB NO. 12-019 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 CIRCUIT CONFORMS TO NEC AND OPERATES PROPERLY TO THE APPROVAL OF A BOARD OF LICENSED ELECTRICIANS. TO BE COMPLETED WITHIN 8 HOURS WITH EACH STEP JUDGED SATISFACTORY OR UNSATISFACTORY.

( ) 3.02 WITH EACH CONDUCTOR SHOWN, COLOR LABELED, INDICATED HOT OR NEUTRAL AND APPLICABLE VOLTAGES

( ) 3.03 TO THE EXTENT THAT THE JOB CAN BE DONE PROPERLY IN THE MOST ECONOMICAL WAY.

( ) 3.04 TO CONFORM TO NEC STANDARDS AND VERBAL INSTRUCTIONS

( ) 3.05 TO CONFORM TO NEC STANDARDS AND MANUFACTURER'S INSTRUCTIONS

( ) 3.06 TO CONFORM TO NEC STANDARDS AND MANUFACTURER'S INSTRUCTIONS

( ) 3.07 TO CONFORM TO NEC STANDARDS. CONDUITS/EMT SHALL BE PROPERLY SUPPORTED AND SECURED

( ) 3.08 TO CONFORM TO NEC STANDARDS

( ) 3.09 TO CONFORM TO NEC STANDARDS

( ) 3.10 TO CONFORM TO NEC STANDARDS AND MANUFACTURER'S INSTRUCTIONS

( ) 3.11 TO CONFORM TO NEC STANDARDS

( ) 3.12 IN ACCORDANCE WITH VERBAL CONDITIONS AND SPECIFICATIONS AND MANUFACTURER'S INSTRUCTIONS

MISOE NO. _____

PROGRAM ELECTRICAL

USOE CODE NO(S) _____

DIVISION 02 HOME INTERIOR WIRING SPECIAL CIRCUITS

UNIT 02 RESIDENTIAL FURNACE CONTROLS

TERMOB NO. 12-019 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 02 HOME INTERIOR WIRING SPECIAL CIRCUITS

UNIT 03 INTERCOMS

TERMOB NO. 12-020

1.00 CONDITION

( ) 1.01 VERBAL INSTRUCTIONS AS TO LOCATIONS, CONDITIONS AND SPECIFICATIONS OF CIRCUIT
( ) 1.02 APPROPRIATE WIRING TO SECURE PANEL
( ) 1.03 LOW VOLTAGE WIRE WITH APPROPRIATE NUMBER OF CONDUCTORS
( ) 1.04 POWER SUPPLY
( ) 1.05 APARTMENT CONSOLE WITH 3 STATIONS
( ) 1.06 INSTALLATION MANUAL
( ) 1.07 ASSOCIATED HARDWARE AS NEEDED
( ) 1.08 ELECTRICIAN'S BASIC TOOLS
( ) 1.09 OPEN/EXPOSED FRAME CONSTRUCTION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL A FOUR STATION RESIDENCE INTERCOM SYSTEM WITH SELECTIVE RINGING AND COMMON TALKING EMPLOYING THE FOLLOWING PROCEDURE:

( ) 2.02 SKETCH WIRING DIAGRAM
( ) 2.03 SELECT PROPER MATERIALS AND SUPPLIES FOR THE JOB
( ) 2.04 MARK AND PREPARE OUTLET LOCATIONS
( ) 2.05 FASTEN BOXES IN PLACE
( ) 2.06 BORE HOLES WHERE NECESSARY FOR RUNNING OF CONDUIT OR WIRE
( ) 2.07 RUN WIRE OR CONDUIT
( ) 2.08 SECURE CONDUIT/WIRE TO BOXES
( ) 2.09 PULL WIRE THROUGH CONDUIT
( ) 2.10 MAKE SPLICES AND PROPER CONNECTIONS TO DEVICES
( ) 2.11 ENERGIZE CIRCUIT
( ) 2.12 DEMONSTRATE PROPER OPERATION OF THE CIRCUIT

MISOE NO. _____

PROGRAM ELECTRICAL

USOE CODE NO(S) _____

DIVISION 02 HOME INTERIOR WIRING SPECIAL CIRCUITS

UNIT 03 INTERCOMS

TERMOB NO. 12-020

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 02 HOME INTERIOR WIRING SPECIAL CIRCUITS

UNIT 03 INTERCOMS

TERMOB NO. 12-020 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME		
( )	3.01	CIRCUIT CONFORMS TO NEC AND OPERATES PROPERLY TO THE APPROVAL OF A BOARD OF LICENSED ELECTRICIANS. TO BE COMPLETED WITHIN 3 HOURS, WITH EACH STEP JUDGED SATISFACTORY OR UNSATISFACTORY
( )	3.02	WITH EACH CONDUCTOR SHOWN, COLOR LABELED AND APPLICABLE VOLTAGES
( )	3.03	TO THE EXTENT THAT THE JOB CAN BE DONE PROPERLY IN THE MOST ECONOMICAL WAY
( )	3.04	TO CONFORM TO NEC STANDARDS, VERBAL INSTRUCTIONS AND ACCEPTED LOW VOLTAGE WIRING TECHNIQUES
( )	3.05	TO CONFORM TO NEC STANDARDS
( )	3.06	TO CONFORM TO NEC STANDARDS AND ACCEPTED LOW VOLTAGE WIRING TECHNIQUES
( )	3.07	TO CONFORM TO NEC STANDARDS AND ACCEPTED LOW VOLTAGE WIRING TECHNIQUES. CONDUITS/WIRES SHALL BE PROPERLY SUPPORTED AND SECURED
( )	3.08	TO CONFORM TO NEC STANDARDS AND ACCEPTED LOW VOLTAGE WIRING TECHNIQUES
( )	3.09	TO CONFORM TO NEC STANDARDS
( )	3.10	TO CONFORM TO NEC STANDARDS AND ACCEPTED LOW VOLTAGE WIRING TECHNIQUES
( )	3.11	TO CONFORM TO NEC STANDARDS
( )	3.12	IN ACCORDANCE WITH VERBAL CONDITIONS AND SPECIFICATIONS

MISOE NO. _____

PROGRAM ELECTRICAL

USOE CODE NO(S) _____

DIVISION 02 HOME INTERIOR WIRING SPECIAL CIRCUITS

UNIT 03 INTERCOMS

TERMOB NO. 12-020 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 02 HOME INTERIOR WIRING SPECIAL CIRCUITS

UNIT 04 OUTDOOR WIRING

TERMOB NO. 12-021

1.00 CONDITION

( ) 1.01 VERBAL INSTRUCTIONS AS TO LOCATIONS, CONDITIONS AND SPECIFICATIONS OF CIRCUIT
( ) 1.02 MINERAL-INSULATED METAL SHEATHED CABLE
( ) 1.03 ALUMINUM-SHEATHED CABLE
( ) 1.04 RIGID CONDUIT
( ) 1.05 FLEXIBLE CONDUIT
( ) 1.06 ELECTRIC METALLIC TUBING (EMT)
( ) 1.07 WIRE FOR USE IN RACEWAYS
( ) 1.08 UNDER GROUND FEEDER CABLE
( ) 1.09 TIME CLOCK
( ) 1.10 ASTRONOMICAL TIMER
( ) 1.11 FLOOD LIGHT FIXTURE
( ) 1.12 SERVICE PANEL
( ) 1.13 ASSOCIATED HARDWARE AS NEEDED
( ) 1.14 ELECTRICIAN'S BASIC TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL A SINGLE POLE TIME CLOCK TO CONTROL AN OUTDOOR FLOOD LIGHT EMPLOYING THE FOLLOWING PROCEDURE:

( ) 2.02 SKETCH WIRING DIAGRAM
( ) 2.03 SELECT PROPER MATERIALS AND SUPPLIES FOR THE JOB
( ) 2.04 MARK AND PREPARE OUTLET LOCATIONS
( ) 2.05 FASTEN BOXES AND FUSE PANEL (IF NECESSARY) IN PLACE
( ) 2.06 BORE HOLES WHERE NECESSARY FOR RUNNING OF CABLE, CONDUIT OR EMT
( ) 2.07 RUN CABLE, CONDUIT OR EMT
( ) 2.08 SECURE CABLE/CONDUIT/EMT TO BOXES
( ) 2.09 PULL WIRE THROUGH CONDUIT/EMT IF USED
( ) 2.10 MAKE SPLICES AND PROPER CONNECTIONS TO SWITCH AND FIXTURES
( ) 2.11 RUN CIRCUIT INTO SERVICE PANEL
( ) 2.12 DEMONSTRATE PROPER OPERATION OF THE CIRCUIT

MISOE NO. _____

PROGRAM ELECTRICAL

USOE CODE NO(S) _____

DIVISION 02 HOME INTERIOR WIRING
SPECIAL CIRCUITS

UNIT 04 OUTDOOR WIRING

TERMOB NO. 12-021

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

USOE CODE NO(S): _____

DIVISION 02 HOME INTERIOR WIRING SPECIAL-CIRCUITS

UNIT 04 OUTDOOR WIRING

TERMOB NO. 12-021 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 CIRCUIT CONFORMS TO NEC AND OPERATES PROPERLY TO THE APPROVAL OF A BOARD OF LICENSED ELECTRICIANS. TO BE COMPLETED WITHIN 4 HOURS, WITH EACH STEP JUDGED SATISFACTORY OR UNSATISFACTORY

( ) 3.02 WITH EACH CONDUCTOR SHOWN, COLOR LABELED, INDICATED HOT OR NEUTRAL AND APPLICABLE VOLTAGES

( ) 3.03 TO THE EXTENT THAT THE JOB CAN BE DONE PROPERLY IN THE MOST ECONOMICAL WAY

( ) 3.04 TO CONFORM TO NEC STANDARDS, BLUEPRINT AND VERBAL INSTRUCTIONS

( ) 3.05 TO CONFORM TO NEC STANDARDS AND BLUEPRINT

( ) 3.06 TO CONFORM TO NEC STANDARDS AND WIRING DIAGRAM

( ) 3.07 TO CONFORM TO NEC STANDARDS. CABLES/CONDUIT/EMT SHALL BE PROPERLY SUPPORTED AND SECURED

( ) 3.08 TO CONFORM TO NEC STANDARDS

( ) 3.09 TO CONFORM TO NEC STANDARDS

( ) 3.10 TO CONFORM TO NEC STANDARDS

( ) 3.11 TO CONFORM TO NEC STANDARDS

( ) 3.12 IN ACCORDANCE WITH VERBAL CONDITIONS AND SPECIFICATIONS, BLUEPRINT AND WIRING DIAGRAM

MISOE NO. _____

PROGRAM ELECTRICAL

MISOE CODE NO(S) _____

DIVISION 02 HOME INTERIOR WIRING
SPECIAL CIRCUITS

UNIT 04 OUTDOOR WIRING

TERMOB NO. 12-021 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 02 HOME INTERIOR WIRING SPECIAL CIRCUITS

UNIT 05 REMOTE CONTROL WIRING

TERMOB NO. 12-022

1.00 CONDITION

( ) 1.01 VERBAL INSTRUCTIONS AS TO LOCATIONS, CONDITIONS AND SPECIFICATIONS OF CIRCUIT
( ) 1.02 ELECTRICAL LAYOUT BLUEPRINT OF REMOTE CONTROLLED LIGHTING FIXTURES
( ) 1.03 NONMETALLIC-SHEATHED CABLE
( ) 1.04 SURFACE METAL RACEWAY
( ) 1.05 SURFACE NON-METALLIC RACEWAY
( ) 1.06 LOW VOLTAGE WIRE FOR USE IN RACEWAYS
( ) 1.07 LOW VOLTAGE TRANSFORMERS, RELAY CONTROL SWITCHES, SELECTOR SWITCHES ETC.
( ) 1.08 INCANDESCENT LIGHTING FIXTURES
( ) 1.09 SERVICE PANEL
( ) 1.10 ASSOCIATED HARDWARE AS NEEDED
( ) 1.11 ELECTRICIAN'S BASIC TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL A REMOTE CONTROL LOW VOLTAGE WIRING SYSTEM TO CONTROL LIGHTING FIXTURE(S) EMPLOYING THE FOLLOWING PROCEDURE

( ) 2.02 SKETCH WIRING DIAGRAM
( ) 2.03 SELECT PROPER MATERIALS AND SUPPLIES FOR THE JOB
( ) 2.04 MARK AND PREPARE OUTLET LOCATIONS
( ) 2.05 FASTEN BOXES IN PLACE FOR CONTROL SWITCH AND LIGHT FIXTURES
( ) 2.06 INSTALL CABLE/RACEWAY
( ) 2.07 SECURE CABLE/RACEWAY TO BOXES
( ) 2.08 INSTALL WIRE IN RACEWAY IF USED
( ) 2.09 ASSEMBLE RELAY CONTROL DEVICE
( ) 2.10 MAKE PROPER CONNECTIONS TO SWITCHES AND FIXTURES
( ) 2.11 RUN CIRCUIT INTO SERVICE PANEL
( ) 2.12 DEMONSTRATE PROPER OPERATION OF THE CIRCUIT

MISOE NO. _____

PROGRAM ELECTRICAL

USOE CODE NO(S) _____

DIVISION 02 HOME INTERIOR WIRING SPECIAL CIRCUITS

UNIT 05 REMOTE CONTROL WIRING

TERMOB NO. I2-022

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 02 HOME INTERIOR WIRING SPECIAL CIRCUITS

UNIT 05 REMOTE CONTROL WIRING

TERMOB NO. 12-022 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME		
( )	3.01	CIRCUIT CONFORMS TO NEC AND OPERATES PROPERLY TO THE APPROVAL OF A BOARD OF LICENSED ELECTRICIANS. TO BE COMPLETED WITHIN 4 HOURS, WITH EACH STEP JUDGED AS SATISFACTORY OR UNSATISFACTORY
( )	3.02	WITH EACH CONDUCTOR SHOWN, COLOR LABELED, INDICATED HOT OR NEUTRAL AND APPLICABLE VOLTAGES
( )	3.03	TO THE EXTENT THAT THE JOB CAN BE DONE PROPERLY IN THE MOST ECONOMICAL WAY
( )	3.04	TO CONFORM TO NEC STANDARDS, BLUEPRINT AND VERBAL INSTRUCTIONS
( )	3.05	TO CONFORM TO NEC STANDARDS AND ACCEPTED LOW VOLTAGE WIRING TECHNIQUES
( )	3.06	TO CONFORM TO NEC STANDARDS
( )	3.07	TO CONFORM TO NEC STANDARDS AND ACCEPTED LOW VOLTAGE WIRING TECHNIQUES. CABLES/RACEWAY SHALL BE PROPERLY SUPPORTED AND SECURED
( )	3.08	TO CONFORM TO NEC STANDARDS AND ACCEPTED LOW VOLTAGE WIRING TECHNIQUES
( )	3.09	TO CONFORM TO NEC STANDARDS
( )	3.10	TO CONFORM TO NEC STANDARDS AND ACCEPTED LOW VOLTAGE WIRING TECHNIQUES
( )	3.11	TO CONFORM TO NEC STANDARDS
( )	3.12	IN ACCORDANCE WITH VERBAL CONDITIONS AND SPECIFICATIONS AND BLUEPRINT

MISOE NO. _____

PROGRAM ELECTRICAL

USOE CODE NO(S) _____

DIVISION 02 HOME INTERIOR WIRING
SPECIAL CIRCUITS

UNIT 05 REMOTE CONTROL WIRING

TERMOB NO. 12-022 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 03 REMODELING WIRING TECHNIQUES

UNIT 01 SURFACE RACEWAY EXTENSIONS

TERMOB NO. 12-023

1.00 CONDITION

( ) 1.01 ELECTRICAL LAYOUT BLUEPRINT AND/OR VERBAL INSTRUCTIONS AS TO LOCATIONS, CONDITIONS AND SPECIFICATIONS OF A CIRCUIT
( ) 1.02 SURFACE METAL RACEWAY
( ) 1.03 SURFACE NONMETALLIC RACEWAY
( ) 1.04 RACEWAY FITTINGS
( ) 1.05 WIRE FOR USE IN RACEWAY
( ) 1.06 DUPLEX RECEPTACLES
( ) 1.07 ASSOCIATED HARDWARE AS NEEDED
( ) 1.08 ELECTRICIAN'S BASIC TOOLS (TABLE T-3)
( ) 1.09 EXISTING CONCEALED CIRCUIT

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 EXTEND AN EXISTING CONCEALED CIRCUIT USING SURFACE RACEWAY TO TWO DUPLEX RECEPTACLES EMPLOYING THE FOLLOWING PROCEDURE:

( ) 2.02 SKETCH WIRING DIAGRAM FROM BLUEPRINT
( ) 2.03 SELECT PROPER MATERIALS AND SUPPLIES FOR THE JOB
( ) 2.04 DE-ENERGIZE EXISTING CIRCUIT
( ) 2.05 MARK AND PREPARE OUTLET LOCATIONS
( ) 2.06 BORE HOLES WHERE NECESSARY
( ) 2.07 FASTEN BOXES IN PLACE
( ) 2.08 INSTALL RACEWAY
( ) 2.09 SECURE RACEWAY TO BOXES
( ) 2.10 PULL WIRES THROUGH RACEWAY
( ) 2.11 MAKE SPLICES AND PROPER CONNECTIONS TO BOXES, FIXTURES AND EXISTING CIRCUIT
( ) 2.12 DEMONSTRATE PROPER OPERATION OF THE CIRCUIT
( ) 2.13 REPAIR DAMAGED WALL/CEILING AS NECESSARY

MISOE NO. _____

PROGRAM ELECTRICAL

USOE CODE NO(S) _____

DIVISION 03 REMODELING WIRING TECHNIQUES

UNIT 01 SURFACE RACEWAY EXTENSIONS

TERMOB NO. 12-023

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 03 REMODELING WIRING TECHNIQUES

UNIT 01 SURFACE RACEWAY EXTENSIONS

TERMOB NO. 12-023 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME		
( )	3.01	CIRCUIT CONFORMS TO NEC AND OPERATES PROPERLY TO THE APPROVAL OF A BOARD OF LICENSED ELECTRICIANS. TO BE COMPLETED WITHIN 3 HOURS, WITH EACH STEP JUDGED SATISFACTORY OR UNSATISFACTORY
( )	3.02	WITH EACH CONDUCTOR SHOWN, COLOR LABELED AND INDICATED HOT OR NEUTRAL
( )	3.03	TO THE EXTENT THAT THE JOB CAN BE DONE PROPERLY IN THE MOST ECONOMICAL WAY
( )	3.04	CIRCUIT DE-ENERGIZED
( )	3.05	TO CONFORM TO NEC STANDARDS AND BLUEPRINT
( )	3.06	TO CONFORM TO NEC STANDARDS AND BLUEPRINT
( )	3.07	TO CONFORM TO NEC STANDARDS AND WIRING DIAGRAM
( )	3.08	TO CONFORM TO NEC STANDARDS. RACEWAY SHALL BE PROPERLY SUPPORTED AND SECURED
( )	3.09	TO CONFORM TO NEC STANDARDS
( )	3.10	TO CONFORM TO NEC STANDARDS
( )	3.11	TO CONFORM TO NEC STANDARDS
( )	3.12	IN ACCORDANCE WITH BLUEPRINT AND WIRING DIAGRAM
( )	3.13	TO CONFORM TO NEC STANDARDS AND PRESENT A FINISHED APPEARANCE

MISOE NO.

PROGRAM ELECTRICAL

USOE CODE NO(S)

DIVISION 03 REMODELING WIRING TECHNIQUES

UNIT 01 SURFACE RACEWAY EXTENSIONS

TERMOB NO. 12-023 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 03 REMODELING WIRING TECHNIQUES

UNIT 02 CONCEALED WIRING

TER.OB NO. 12-024

1.00 CONDITION

( ) 1.01 ELECTRICAL LAYOUT BLUEPRINT AND/OR VERBAL INSTRUCTIONS AS TO LOCATIONS, CONDITIONS AND SPECIFICATIONS OF THE CIRCUIT
( ) 1.02 METAL-CLAD CABLE
( ) 1.03 NONMETALLIC-SHEATHED CABLE
( ) 1.04 EXISTING PULL CHAIN LIGHT FIXTURE
( ) 1.05 SINGLE POLE MERCURY SWITCH
( ) 1.06 ASSOCIATED HARDWARE AS NEEDED
( ) 1.07 ELECTRICIAN'S BASIC TOOLS (TABLE T-3)
( ) 1.08 LATH CEILING/WALL
( ) 1.09 PANELED WALL
( ) 1.10 SHEETROCK CEILING/WALL
( ) 1.11 PLASTERBOARD CEILING/WALL

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL A SINGLE POLE SWITCH TO CONTROL EXISTING "PULL CHAIN" LIGHTING FIXTURE(S) EMPLOYING THE FOLLOWING PROCEDURE

( ) 2.02 SKETCH WIRING DIAGRAM FROM BLUEPRINT
( ) 2.03 SELECT PROPER MATERIALS AND SUPPLIES FOR THE JOB
( ) 2.04 DE-ENERGIZE CIRCUIT
( ) 2.05 MARK AND PREPARE OUTLET LOCATIONS
( ) 2.06 FASTEN BOXES IN PLACE
( ) 2.07 BORE HOLES WHERE NECESSARY FOR RUNNING OF CABLE
( ) 2.08 RUN CABLE
( ) 2.09 SECURE CABLE TO BOXES
( ) 2.10 MAKE SPLICES AND PROPER CONNECTIONS TO SWITCH, FIXTURES AND EXISTING CIRCUIT
( ) 2.11 DEMONSTRATE PROPER OPERATION OF THE CIRCUIT
( ) 2.12 REPAIR DAMAGED WALL/CEILING AS NECESSARY

MISOE NO. _____

PROGRAM ELECTRICAL

USOE CODE NO(S) _____

DIVISION 03 REMODELING WIRING TECHNIQUES

UNIT 02 CONCEALED WIRING

TERMOB NO. 12-024

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 03 REMODELING WIRING TECHNIQUES

UNIT 02 CONCEALED WIRING

TERMOB NO. 12-024 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME		
( )	3.01	CIRCUIT IS CONCEALED AND CONFORMS TO NEC AND OPERATES PROPERLY TO THE APPROVAL OF A BOARD OF LICENSED ELECTRICIANS. TO BE COMPLETED WITHIN 3 HOURS, WITH EACH STEP JUDGED SATISFACTORY OR UNSATISFACTORY
( )	3.02	WITH EACH CONDUCTOR SHOWN, COLOR LABELED AND INDICATED HOT OR NEUTRAL
( )	3.03	TO THE EXTENT THAT THE JOB CAN BE DONE PROPERLY IN THE MOST ECONOMICAL WAY
( )	3.04	CIRCUIT DE-ENERGIZED
( )	3.05	TO CONFORM TO NEC STANDARDS AND BLUEPRINT
( )	3.06	TO CONFORM TO NEC STANDARDS AND BLUEPRINT
( )	3.07	TO CONFORM TO NEC STANDARDS AND WIRING DIAGRAM
( )	3.08	TO CONFORM TO NEC STANDARDS. CABLES SHALL BE PROPERLY SUPPORTED AND SECURED
( )	3.09	TO CONFORM TO NEC STANDARDS
( )	3.10	TO CONFORM TO NEC STANDARDS
( )	3.11	IN ACCORDANCE WITH BLUEPRINT AND WIRING DIAGRAM
( )	3.12	TO CONFORM TO NEC STANDARDS AND PRESENT A FINISHED APPEARANCE

MISOE NO. _____

PROGRAM ELECTRICAL

USOE CODE NO(S) _____

DIVISION 03 REMODELING WIRING TECHNIQUES

UNIT 02 CONCEALED WIRING

TERMOB NO. 12-024 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 03 REMODELING WIRING TECHNIQUES

UNIT 02 CONCEALED WIRING

TERMOB NO. 12-025

1.00 CONDITION

( )	1.01	ELECTRICAL LAYOUT BLUEPRINT AND/OR VERBAL INSTRUCTIONS AS TO LOCATIONS, CONDITIONS AND SPECIFICATIONS OF THE CIRCUIT
( )	1.02	NON-METALLIC SHEATHED CABLE
( )	1.03	METAL CLAD CABLE
( )	1.04	THREE WAY SWITCHES
( )	1.05	INCANDESCENT LIGHTING FIXTURES
( )	1.06	ASSOCIATED HARDWARE AS NEEDED
( )	1.07	ELECTRICIAN'S BASIC TOOLS (TABLE T-3)
( )	1.08	EXISTING LIGHTING CIRCUIT IN VICINITY
( )	1.09	LATH CEILING/WALL
( )	1.10	PANELED WALL
( )	1.11	SHEETROCK CEILING/WALL
( )	1.12	PLASTERBOARD CEILING/WALL
( )	1.13	ACOUSTIC CEILING

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( )	2.01	INSTALL LIGHTING FIXTURES CONTROLLED BY TWO THREE WAY SWITCHES EMPLOYING THE FOLLOWING PROCEDURE:
( )	2.02	SKETCH WIRING DIAGRAM FROM BLUEPRINT
( )	2.03	SELECT PROPER MATERIALS AND SUPPLIES FOR THE JOB
( )	2.04	DE-ENERGIZE CIRCUIT
( )	2.05	MARK AND PREPARE OUTLET LOCATIONS
( )	2.06	FASTEN BOXES IN PLACE
( )	2.07	BORE HOLES WHERE NECESSARY FOR RUNNING OF CABLE
( )	2.08	RUN CABLE
( )	2.09	SECURE CABLE TO BOXES
( )	2.10	MAKE SPLICES AND PROPER CONNECTIONS TO SWITCHES, FIXTURES AND EXISTING CIRCUIT
( )	2.11	DEMONSTRATE PROPER OPERATION OF THE CIRCUIT
( )	2.12	REPAIR DAMAGED WALL/CEILING AS NECESSARY

MISOE NO. _____

PROGRAM ELECTRICAL

USOE CODE NO(S) _____

DIVISION 03 REMODELING WIRING TECHNIQUES

UNIT 02 CONCEALED WIRING

TERMOB NO. 12-025

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 03 REMODELING WIRING TECHNIQUES

UNIT 02 CONCEALED WIRING

TERMOB NO. 12-025 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME		
( )	3.01	CIRCUIT CONFORMS TO NEC AND OPERATES PROPERLY TO THE APPROVAL OF A BOARD OF LICENSED ELECTRICIANS. TO BE COMPLETED WITHIN 3 HOURS, WITH EACH STEP JUDGED SATISFACTORY OR UNSATISFACTORY
( )	3.02	WITH EACH CONDUCTOR SHOWN, COLOR LABELED AND INDICATED HOT OR NEUTRAL
( )	3.03	TO THE EXTENT THAT THE JOB CAN BE DONE PROPERLY IN THE MOST ECONOMICAL WAY
( )	3.04	CIRCUIT DE-ENERGIZED
( )	3.05	TO CONFORM TO NEC STANDARDS AND BLUEPRINT
( )	3.06	TO CONFORM TO NEC STANDARDS AND BLUEPRINT
( )	3.07	TO CONFORM TO NEC STANDARDS AND WIRING DIAGRAM
( )	3.08	TO CONFORM TO NEC STANDARDS. CABLES SHALL BE PROPERLY SUPPORTED AND SECURED
( )	3.09	TO CONFORM TO NEC STANDARDS
( )	3.10	TO CONFORM TO NEC STANDARDS
( )	3.11	IN ACCORDANCE WITH BLUEPRINT AND WIRING DIAGRAM
( )	3.12	TO CONFORM TO NEC STANDARDS AND PRESENT A FINISHED APPEARANCE

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 03 REMODELING WIRING TECHNIQUES

USOE CODE NO(S) _____

UNIT 02 CONCEALED WIRING

TERMOB NO. 12-025 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 03 REMODELING WIRING TECHNIQUES

UNIT 02 CONCEALED WIRING

TERMOB NO. 12-026

1.00 CONDITION

( ) 1.01 ELECTRICAL LAYOUT BLUEPRINT AND/OR VERBAL INSTRUCTIONS AS TO LOCATIONS, CONDITIONS AND SPECIFICATIONS OF THE CIRCUIT
( ) 1.02 NON-METALLIC SHEATHED CABLE
( ) 1.03 METAL CLAD CABLE
( ) 1.04 ELECTRICAL METALLIC TUBING
( ) 1.05 RIGID METAL CONDUIT
( ) 1.06 APPROPRIATE GAUGE CONDUCTORS
( ) 1.07 DUPLEX RECEPTACLES
( ) 1.08 ASSOCIATED HARDWARE AS NEEDED
( ) 1.09 ELECTRICIAN'S BASIC TOOLS (TABLE T-3)
( ) 1.10 LATH CEILING
( ) 1.11 ACOUSTIC CEILING

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 ADD A TWO GANG DUPLEX U GROUND RECEPTACLE OUTLET ON A PENDANT TO AN EXISTING CIRCUIT FOR INDUSTRIAL USE EMPLOYING THE FOLLOWING PROCEDURE:

( ) 2.02 SKETCH WIRING DIAGRAM FROM BLUEPRINT
( ) 2.03 SELECT PROPER MATERIALS AND SUPPLIES FOR THE JOB
( ) 2.04 DE-ENERGIZE CIRCUIT
( ) 2.05 MARK AND PREPARE OUTLET HOLES
( ) 2.06 BORE HOLES WHERE NECESSARY FOR RUNNING OF CABLE OR CONDUIT
( ) 2.07 FASTEN BOXES IN PLACE
( ) 2.08 RUN CABLE AND CONDUIT
( ) 2.09 SECURE CABLE/CONDUIT TO BOXES
( ) 2.10 PULL WIRES THROUGH CONDUIT
( ) 2.11 MAKE SPLICES AND PROPER CONNECTIONS TO BOXES AND FIXTURES
( ) 2.12 DEMONSTRATE PROPER OPERATION OF THE CIRCUIT
( ) 2.13 REPAIR CEILING AS NECESSARY

MISOE NO. _____

PROGRAM ELECTRICAL

USOE CODE NO(S) _____

DIVISION 03 REMODELING WIRING TECHNIQUES

UNIT 02 CONCEALED WIRING

TERMOB NO. 12-026

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 03 REMODELING WIRING TECHNIQUES

UNIT 02 CONCEALED WIRING

TERMOB NO. 12-026 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME		
( )	3.01	CIRCUIT CONFORMS TO NEC AND OPERATES PROPERLY TO THE APPROVAL OF A BOARD OF LICENSED ELECTRICIANS. TO BE COMPLETED WITHIN 3 HOURS, WITH EACH STEP JUDGED SATISFACTORY OR UNSATISFACTORY
( )	3.02	WITH EACH CONDUCTOR SHOWN, COLOR LABELED AND INDICATED HOT OR NEUTRAL
( )	3.03	TO THE EXTENT THAT THE JOB CAN BE DONE PROPERLY IN THE MOST ECONOMICAL WAY
( )	3.04	CIRCUIT DE-ENERGIZED
( )	3.05	TO CONFORM TO NEC STANDARDS, BLUEPRINT OR VERBAL INSTRUCTIONS
( )	3.06	TO CONFORM TO NEC STANDARDS, BLUEPRINT OR VERBAL INSTRUCTIONS
( )	3.07	TO CONFORM TO NEC STANDARDS AND WIRING DIAGRAM
( )	3.08	TO CONFORM TO NEC STANDARDS. CABLES/CONDUITS SHALL BE PROPERLY SUPPORTED AND SECURED
( )	3.09	TO CONFORM TO NEC STANDARDS
( )	3.10	TO CONFORM TO NEC STANDARDS
( )	3.11	TO CONFORM TO NEC STANDARDS
( )	3.12	IN ACCORDANCE WITH BLUEPRINT AND WIRING DIAGRAM
( )	3.13	TO CONFORM TO NEC STANDARDS AND PRESENT A FINISHED APPEARANCE

MISOE NO. _____

PROGRAM ELECTRICAL

USOE CODE NO(S) _____

DIVISION 03 REMODELING WIRING TECHNIQUES

UNIT 02 CONCEALED WIRING

TERMOB NO. 12-026 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 04 LARGE APPLIANCES MINOR REPAIR
UNIT 01 ELECTRIC HEATING UNITS
TERMOB NO. 12-027

1.00 CONDITION

( ) 1.01 LARGE APPLIANCE WITH ONE OR MORE OF THE FOLLOWING CIRCUIT DEFECTS RESULTING IN FAILURE OF HEATING ELEMENT TO OPERATE
( ) 1.02 FAULTY THERMOSTAT
( ) 1.03 TRIPPED BREAKER
( ) 1.04 FAULTY TIMER
( ) 1.05 BROKEN WIRE
( ) 1.06 LOOSE CONNECTION
( ) 1.07 DIRTY CONTACT
( ) 1.08 BROKEN SWITCH
( ) 1.09 ELECTRIC WATER HEATER
( ) 1.10 STOVE
( ) 1.11 DRYER
( ) 1.12 PORTABLE ELECTRIC SPACE HEATER
( ) 1.13 APPLICABLE SERVICE MANUALS
( ) 1.14 ELECTRICIAN'S BASIC TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 TROUBLE SHOOT AND REPAIR A LARGE APPLIANCE WITH THE FOLLOWING SYMPTOM: THE HEATING ELEMENT WILL NOT FUNCTION. EMPLOY THE FOLLOWING PROCEDURE:

( ) 2.02 CHECK ALL CIRCUIT BREAKERS/FUSES
( ) 2.03 CHECK CONVENIENCE OUTLET
( ) 2.04 LOCATE SPECIFIC PROBLEM(S) USING TROUBLE SHOOTING CHART AND/OR CIRCUIT SCHEMATIC
( ) 2.05 CHECK HEATING ELEMENT WITH VOLTAGE TESTER, AMPROBE AND OHMMETER
( ) 2.06 REPAIR CIRCUIT
( ) 2.07 DEMONSTRATE NORMAL OPERATION

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 CIRCUIT CONFORMS TO NEC AND OPERATES PROPERLY TO THE APPROVAL OF A BOARD OF LICENSED ELECTRICIANS. TO BE COMPLETED WITHIN 1 HOUR, WITH EACH STEP JUDGED SATISFACTORY OR UNSATISFACTORY

( ) 3.02 FOLLOWING LOGICAL SEQUENCE AND NEC SAFETY PRECAUTIONS
( ) 3.03 FOLLOWING NEC SAFETY PRECAUTIONS

( ) 1.01 LARGE APPLIANCE WITH ONE OR MORE OF THE FOLLOWING CIRCUIT DEFECTS RESULTING IN FAILURE OF HEATING ELEMENT TO OPERATE
( ) 1.02 FAULTY THERMOSTAT
( ) 1.03 TRIPPED BREAKER
( ) 1.04 FAULTY TIMER
( ) 1.05 BROKEN WIRE
( ) 1.06 LOOSE CONNECTION
( ) 1.07 DIRTY CONTACT
( ) 1.08 BROKEN SWITCH
( ) 1.09 ELECTRIC WATER HEATER
( ) 1.10 STOVE
( ) 1.11 DRYER
( ) 1.12 PORTABLE ELECTRIC SPACE HEATER
( ) 1.13 APPLICABLE SERVICE MANUALS
( ) 1.14 ELECTRICIAN'S BASIC TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 TROUBLE SHOOT AND REPAIR A LARGE APPLIANCE WITH THE FOLLOWING SYMPTOM: THE HEATING ELEMENT WILL NOT FUNCTION. EMPLOY THE FOLLOWING PROCEDURE:

( ) 2.02 CHECK ALL CIRCUIT BREAKERS/FUSES
( ) 2.03 CHECK CONVENIENCE OUTLET
( ) 2.04 LOCATE SPECIFIC PROBLEM(S) USING TROUBLE SHOOTING CHART AND/OR CIRCUIT SCHEMATIC
( ) 2.05 CHECK HEATING ELEMENT WITH VOLTAGE TESTER, AMPROBE AND OHMMETER
( ) 2.06 REPAIR CIRCUIT
( ) 2.07 DEMONSTRATE NORMAL OPERATION

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 CIRCUIT CONFORMS TO NEC AND OPERATES PROPERLY TO THE APPROVAL OF A BOARD OF LICENSED ELECTRICIANS. TO BE COMPLETED WITHIN 1 HOUR, WITH EACH STEP JUDGED SATISFACTORY OR UNSATISFACTORY

( ) 3.02 FOLLOWING LOGICAL SEQUENCE AND NEC SAFETY PRECAUTIONS
( ) 3.03 FOLLOWING NEC SAFETY PRECAUTIONS
( ) 3.04 SMALLEST FAULTY COMPONENT IS LOCATED
( ) 3.05 SAFELY AND IN LOGICAL WAY
( ) 3.06 FOLLOWING NEC SAFETY PRECAUTIONS AND RECOMMENDED OPERATIONS IN THE SERVICE MANUAL
( ) 3.07 CIRCUIT OPERATES PROPERLY

MISOE NO. _____

PROGRAM ELECTRICAL

USOE CODE NO(S) _____

DIVISION 04 LARGE APPLIANCES MINOR REPAIR

UNIT 01 ELECTRIC HEATING UNITS

TERMOB NO. 12-027

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 04 LARGE APPLIANCES MINOR REPAIR

UNIT 02 MOTOR DRIVEN UNITS

TERMOB NO. 12-028

1.00 CONDITION

( )	1.01	LARGE APPLIANCE WITH ONE OR MORE OF THE FOLLOWING CIRCUIT DEFECTS RESULTING IN FAILURE OF THE MOTOR TO OPERATE
( )	1.02	TRIPPED BREAKER
( )	1.03	BROKEN WIRE
( )	1.04	LOOSE CONNECTION
( )	1.05	DIRTY CONTACT
( )	1.06	DEFECTIVE SWITCH
( )	1.07	WORN BRUSHES
( )	1.08	DEFECTIVE ARMATURE
( )	1.09	DEFECTIVE CONDENSER
( )	1.10	DEFECTIVE FIELD COIL
( )	1.11	MOTOR BEARING FAILURE
( )	1.12	DEFECTIVE TIMER
( )	1.13	THERMAL TRIP OVERLOAD
( )	1.14	REFRIGERATOR
( )	1.15	WASHING MACHINE
( )	1.16	DRYER
( )	1.17	VENT FAN
( )	1.18	DISHWASHER
( )	1.19	GARBAGE DISPOSAL
( )	1.20	APPLICABLE SERVICE MANUAL(S)
( )	1.21	ELECTRICIAN'S BASIC TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 TROUBLE SHOOT AND REPAIR A LARGE APPLIANCE WITH AN IMPROPERLY OPERATING MOTOR EMPLOYING THE FOLLOWING PROCEDURE:

( )	2.02	CHECK ALL CIRCUIT BREAKERS/FUSES
( )	2.03	CHECK CONVENIENCE OUTLET
( )	2.04	LOCATE SPECIFIC PROBLEM(S) USING TROUBLE SHOOTING CHART AND/OR CIRCUIT SCHEMATIC
( )	2.05	REPAIR CIRCUIT
( )	2.06	DEMONSTRATE NORMAL OPERATION

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 CIRCUIT CONFORMS TO NEC AND OPERATES PROPERLY TO THE APPROVAL OF A BOARD OF LICENSED ELECTRICIANS. TO BE COMPLETED WITHIN 1 HOUR WITH EACH STEP JUDGED SATISFACTORY OR UNSATISFACTORY

( ) 1.01 LARGE APPLIANCE WITH ONE OR MORE OF THE FOLLOWING CIRCUIT DEFECTS RESULTING IN FAILURE OF THE MOTOR TO OPERATE

( ) 1.02 TRIPPED BREAKER
( ) 1.03 BROKEN WIRE
( ) 1.04 LOOSE CONNECTION
( ) 1.05 DIRTY CONTACT
( ) 1.06 DEFECTIVE SWITCH
( ) 1.07 WORN BRUSHES
( ) 1.08 DEFECTIVE ARMATURE
( ) 1.09 DEFECTIVE CONDENSER
( ) 1.10 DEFECTIVE FIELD COIL
( ) 1.11 MOTOR BEARING FAILURE
( ) 1.12 DEFECTIVE TIMER
( ) 1.13 THERMAL TRIP OVERLOAD
( ) 1.14 REFRIGERATOR
( ) 1.15 WASHING MACHINE
( ) 1.16 DRYER
( ) 1.17 VENT FAN
( ) 1.18 DISHWASHER
( ) 1.19 GARBAGE DISPOSAL
( ) 1.20 APPLICABLE SERVICE MANUAL(S)
( ) 1.21 ELECTRICIAN'S BASIC TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME		
( )	2.01	TROUBLE SHOOT AND REPAIR A LARGE APPLIANCE WITH AN IMPROPERLY OPERATING MOTOR EMPLOYING THE FOLLOWING PROCEDURE:

( ) 2.02 CHECK ALL CIRCUIT BREAKERS/FUSES
( ) 2.03 CHECK CONVENIENCE OUTLET
( ) 2.04 LOCATE SPECIFIC PROBLEM(S) USING TROUBLE SHOOTING CHART AND/OR CIRCUIT SCHEMATIC
( ) 2.05 REPAIR CIRCUIT
( ) 2.06 DEMONSTRATE NORMAL OPERATION

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME		
( )	3.01	CIRCUIT CONFORMS TO NEC AND OPERATES PROPERLY TO THE APPROVAL OF A BOARD OF LICENSED ELECTRICIANS. TO BE COMPLETED WITHIN 1 HOUR WITH EACH STEP JUDGED SATISFACTORY OR UNSATISFACTORY

( ) 3.02 FOLLOWING LOGICAL SEQUENCE AND NEC SAFETY PRECAUTIONS
( ) 3.03 FOLLOWING NEC SAFETY PRECAUTIONS
( ) 3.04 SO THAT THE SMALLEST FAULTY COMPONENT IS LOCATED
( ) 3.05 FOLLOWING NEC SAFETY PRECAUTIONS AND RECOMMENDED OPERATIONS IN THE SERVICE MANUAL
( ) 3.06 CIRCUIT OPERATES PROPERLY

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 04 LARGE APPLIANCES MINOR REPAIR

USOE CODE NO(S) _____

UNIT 02 MOTOR DRIVEN UNITS

TERMOB NO. 12-028

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 05 INDUSTRIAL & COMMERCIAL WIRING DISTRIBUTION & SPECIAL CIRCUITS

UNIT 01 TRANSFORMERS

TERMOB NO. 12-029

1.00 CONDITION

( ) 1.01 THREE SINGLE PHASE CONSTANT POTENTIAL TRANSFORMERS (DRY TYPE) 2 WIRE AND 3 WIRE
( ) 1.02 THREE SINGLE PHASE CENTER TAPPED CONSTANT POTENTIAL TRANSFORMERS
( ) 1.03 OVER CURRENT PROTECTIVE DEVICES
( ) 1.04 APPROPRIATE GAUGE WIRE
( ) 1.05 ASSOCIATED HARDWARE AS NEEDED
( ) 1.06 ELECTRICIAN'S BASIC TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL A TRANSFORMER CIRCUIT TO OBTAIN 3 PHASE 4 WIRE FROM A 3 PHASE SOURCE EMPLOYING THE FOLLOWING PROCEDURE:

( ) 2.02 SKETCH A WIRING DIAGRAM
( ) 2.03 SELECT PROPER COMPONENTS
( ) 2.04 CHECK ALL COMPONENTS FOR PROPER OPERATION. CHECK FOR PHASE TO PHASE AND PHASE TO HOUSING SHORTS
( ) 2.05 MAKE SPLICES AND PROPER CONNECTIONS TO BOXES AND FIXTURES
( ) 2.06 RUN CIRCUIT INTO SERVICE PANEL
( ) 2.07 DEMONSTRATE PROPER OPERATION OF THE CIRCUIT

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 CIRCUIT CONFORMS TO NEC AND OPERATES PROPERLY TO THE APPROVAL OF A BOARD OF LICENSED ELECTRICIANS. TO BE COMPLETED WITHIN 4 HOURS WITH EACH STEP JUDGED SATISFACTORY OR UNSATISFACTORY

( ) 3.02 WITH EACH CONDUCTOR SHOWN, COLOR LABELED AND INDICATED HOT OR NEUTRAL WITH APPLICABLE VOLTAGES
( ) 3.03 TO THE EXTENT THAT THE JOB CAN BE DONE PROPERLY IN THE MOST ECONOMICAL WAY
( ) 3.04 TO CONFORM WITH MANUFACTURER'S SPECIFICATIONS
( ) 3.05 TO CONFORM TO NEC STANDARDS AND WIRING DIAGRAM
( ) 3.06 TO CONFORM TO NEC STANDARDS
( ) 3.07 CIRCUIT OPERATES PROPERLY

MISOE NO. _____

PROGRAM _____

USOE CODE NO(S) _____

DIVISION 05 INDUSTRIAL & COMMERCIAL WIRING, DISTRIBUTION & SPECIAL CIRCUITS

UNIT 01 TRANSFORMERS

TERMOB NO. 12-029

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 05 INDUSTRIAL & COMMERCIAL WIRING DISTRIBUTION & SPECIAL CIRCUITS

UNIT 01 TRANSFORMERS

TERMOB NO. 12-030

1.00 CONDITION

( ) 1.01 THREE SINGLE PHASE CONSTANT POTENTIAL TRANSFORMERS (DRY TYPE) 2 WIRE AND 3 WIRE

( ) 1.02 THREE SINGLE PHASE CENTER TAPPED CONSTANT POTENTIAL TRANSFORMERS (DRY TYPE)

( ) 1.03 OVERCURRENT PROTECTIVE DEVICES

( ) 1.04 APPROPRIATE GAUGE WIRE

( ) 1.05 ASSOCIATED HARDWARE AS NEEDED

( ) 1.06 ELECTRICIAN'S BASIC TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL A TRANSFORMER CIRCUIT TO OBTAIN 3 PHASE 3 WIRE FROM A 3 PHASE SOURCE BY EMPLOYING THE FOLLOWING PROCEDURE:

( ) 2.02 SKETCH A WIRING DIAGRAM

( ) 2.03 SELECT PROPER COMPONENTS

( ) 2.04 CHECK ALL COMPONENTS FOR PROPER OPERATION. CHECK FOR PHASE TO PHASE AND PHASE TO HOUSING SHORTS

( ) 2.05 MAKE SPLICES AND PROPER CONNECTIONS TO BOXES AND FIXTURES

( ) 2.06 RUN CIRCUIT INTO SERVICE PANEL

( ) 2.07 DEMONSTRATE PROPER OPERATION OF THE CIRCUIT

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 CIRCUIT CONFORMS TO NEC AND OPERATES PROPERLY TO THE APPROVAL OF A BOARD OF LICENSED ELECTRICIANS. TO BE COMPLETED WITHIN 4 HOURS, WITH EACH STEP JUDGED SATISFACTORY OR UNSATISFACTORY

( ) 3.02 WITH EACH CONDUCTOR SHOWN, COLOR LABELED AND INDICATED HOT OR NEUTRAL WITH APPLICABLE VOLTAGES

( ) 3.03 TO THE EXTENT THAT THE JOB CAN BE DONE PROPERLY IN THE MOST ECONOMICAL WAY

( ) 3.04 TO CONFORM WITH MANUFACTURER'S SPECIFICATIONS

( ) 3.05 TO CONFORM TO NEC STANDARDS AND WIRING DIAGRAM

( ) 3.06 TO CONFORM TO NEC STANDARDS

( ) 3.07 CIRCUIT OPERATES PROPERLY

MISOE NO. _____

PROGRAM ELECTRICAL

USOE CODE NO(S) _____

DIVISION 05 INDUSTRIAL & COMMERCIAL WIRING DISTRIBUTION & SPECIAL CIRCUITS

UNIT 01 TRANSFORMERS

TERMOB NO. 12-030

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 05 INDUSTRIAL & COMMERCIAL WIRING DISTRIBUTION & SPECIAL CIRCUITS

UNIT 01 TRANSFORMERS

TERMOB NO. 12-031

1.00 CONDITION

( ) 1.01 THREE SINGLE PHASE CONSTANT POTENTIAL TRANSFORMERS (DRY TYPE) 2 WIRE AND 3 WIRE
( ) 1.02 THREE SINGLE PHASE CENTER TAPPED CONSTANT POTENTIAL TRANSFORMERS (DRY TYPE)
( ) 1.03 THREE-PHASE CONSTANT POTENTIAL TRANSFORMERS (DRY TYPE)
( ) 1.04 AUTO TRANSFORMER
( ) 1.05 OVER CURRENT PROTECTIVE DEVICES
( ) 1.06 APPROPRIATE GAUGE WIRE
( ) 1.07 ASSOCIATED HARDWARE AS NEEDED
( ) 1.08 ELECTRICIAN'S BASIC TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL A 3 PHASE SCOTT CONNECTED TRANSFORMER EMPLOYING THE FOLLOWING PROCEDURE:

( ) 2.02 SKETCH A WIRING DIAGRAM
( ) 2.03 SELECT PROPER COMPONENTS
( ) 2.04 CHECK ALL COMPONENTS FOR PROPER OPERATION. CHECK FOR PHASE TO PHASE AND PHASE TO HOUSING SHORTS
( ) 2.05 MAKE SPLICES AND PROPER CONNECTIONS TO BOXES AND FIXTURES
( ) 2.06 RUN CIRCUIT INTO SERVICE PANEL
( ) 2.07 DEMONSTRATE PROPER OPERATION OF THE CIRCUIT

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 CIRCUIT CONFORMS TO NEC AND OPERATES PROPERLY TO THE APPROVAL OF A BOARD OF LICENSED ELECTRICIANS. TO BE COMPLETED WITHIN 4 HOURS, WITH PERFORMANCE OF EACH STEP JUDGED SATISFACTORY OR UNSATISFACTORY

( ) 3.02 WITH EACH CONDUCTOR SHOWN, COLOR LABELED AND INDICATED HOT OR NEUTRAL WITH APPLICABLE VOLTAGES
( ) 3.03 TO THE EXTENT THAT THE JOB CAN BE DONE PROPERLY IN THE MOST ECONOMICAL WAY
( ) 3.04 TO CONFORM WITH MANUFACTURER'S SPECIFICATIONS
( ) 3.05 TO CONFORM TO NEC STANDARDS AND WIRING DIAGRAM
( ) 3.06 TO CONFORM TO NEC STANDARDS
( ) 3.07 CIRCUIT OPERATES PROPERLY

MISOE NO. _____

PROGRAM ELECTRICAL

USOE CODE NO(S) _____

DIVISION 05 INDUSTRIAL & COMMERCIAL WIRING DISTRIBUTION & SPECIAL CIRCUITS

UNIT 01 TRANSFORMERS

TERMOB NO. 12-031

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 05 INDUSTRIAL & COMMERCIAL WIRING DISTRIBUTION & SPECIAL CIRCUITS

UNIT 02 EXISTING SYSTEM MOD.

TERMOB NO. 12-032

1.00 CONDITION

( ) 1.01 ELECTRICAL LAYOUT BLUEPRINT OF A CIRCUIT WITH A 100 AMP SUBFEEDER AND 30 CIRCUIT BREAKER PANEL ADDED TO EXISTING MAIN FEEDER SYSTEM
( ) 1.02 ELECTRICAL METALLIC TUBING
( ) 1.03 WIREWAY COMPONENTS AS NEEDED
( ) 1.04 BUS-WAY COMPONENTS AS NEEDED
( ) 1.05 ASSOCIATED HARDWARE AS NEEDED
( ) 1.06 SERVICE PANEL
( ) 1.07 CIRCUIT BREAKERS
( ) 1.08 ELECTRICIAN'S BASIC TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL A 100 AMP SUBFEEDER WITH A 30 CIRCUIT BREAKER PANEL FROM MAIN FEEDER SYSTEM EMPLOYING THE FOLLOWING PROCEDURE:

( ) 2.02 SKETCH WIRING DIAGRAM FROM BLUEPRINT
( ) 2.03 SELECT PROPER MATERIALS AND SUPPLIES FOR THE JOB
( ) 2.04 MARK AND PREPARE OUTLET LOCATIONS
( ) 2.05 FASTEN FUSE PANEL IN PLACE
( ) 2.06 BORE HOLES WHERE NECESSARY FOR RUNNING OF CONDUIT
( ) 2.07 RUN CONDUIT
( ) 2.08 SECURE CONDUIT TO BOXES
( ) 2.09 PULL WIRES THROUGH CONDUIT
( ) 2.10 MAKE PROPER CONNECTIONS TO BOXES
( ) 2.11 RUN CIRCUIT INTO SERVICE PANEL
( ) 2.12 DEMONSTRATE PROPER OPERATION OF THE CIRCUIT

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 CIRCUIT CONFORMS TO NEC AND OPERATES PROPERLY TO THE APPROVAL OF A BOARD OF LICENSED ELECTRICIANS. TO BE COMPLETED WITHIN 4 HOURS, WITH EACH STEP JUDGED SATISFACTORY OR UNSATISFACTORY

( ) 3.02 WITH EACH CONDUCTOR SHOWN, COLOR LABELED AND INDICATED HOT OR NEUTRAL
( ) 3.03 TO THE EXTENT THAT THE JOB CAN BE DONE PROPERLY IN THE MOST ECONOMICAL WAY
( ) 3.04 TO CONFORM TO NEC STANDARDS AND BLUEPRINT

( ) 1.01 ELECTRICAL LAYOUT BLUEPRINT OF A CIRCUIT WITH A 100 AMP SUBFEEDER AND 30 CIRCUIT BREAKER PANEL ADDED TO EXISTING MAIN FEEDER SYSTEM
( ) 1.02 ELECTRICAL METALLIC TUBING
( ) 1.03 WIREWAY COMPONENTS AS NEEDED
( ) 1.04 BUS-WAY COMPONENTS AS NEEDED
( ) 1.05 ASSOCIATED HARDWARE AS NEEDED
( ) 1.06 SERVICE PANEL
( ) 1.07 CIRCUIT BREAKERS
( ) 1.08 ELECTRICIAN'S BASIC TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL A 100 AMP SUBFEEDER WITH A 30 CIRCUIT BREAKER PANEL FROM MAIN FEEDER SYSTEM EMPLOYING THE FOLLOWING PROCEDURE:

( ) 2.02 SKETCH WIRING DIAGRAM FROM BLUEPRINT
( ) 2.03 SELECT PROPER MATERIALS AND SUPPLIES FOR THE JOB
( ) 2.04 MARK AND PREPARE OUTLET LOCATIONS
( ) 2.05 FASTEN FUSE PANEL IN PLACE
( ) 2.06 BORE HOLES WHERE NECESSARY FOR RUNNING OF CONDUIT
( ) 2.07 RUN CONDUIT
( ) 2.08 SECURE CONDUIT TO BOXES
( ) 2.09 PULL WIRES THROUGH CONDUIT
( ) 2.10 MAKE PROPER CONNECTIONS TO BOXES
( ) 2.11 RUN CIRCUIT INTO SERVICE PANEL
( ) 2.12 DEMONSTRATE PROPER OPERATION OF THE CIRCUIT

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 CIRCUIT CONFORMS TO NEC AND OPERATES PROPERLY TO THE APPROVAL OF A BOARD OF LICENSED ELECTRICIANS. TO BE COMPLETED WITHIN 4 HOURS, WITH EACH STEP JUDGED SATISFACTORY OR UNSATISFACTORY

( ) 3.02 WITH EACH CONDUCTOR SHOWN, COLOR LABELED AND INDICATED HOT OR NEUTRAL
( ) 3.03 TO THE EXTENT THAT THE JOB CAN BE DONE PROPERLY IN THE MOST ECONOMICAL WAY
( ) 3.04 TO CONFORM TO NEC STANDARDS AND BLUEPRINT
( ) 3.05 TO CONFORM TO NEC STANDARDS AND BLUEPRINT
( ) 3.06 TO CONFORM TO NEC STANDARDS AND WIRING DIAGRAM
( ) 3.07 TO CONFORM TO NEC STANDARDS. CONDUITS SHALL BE PROPERLY SUPPORTED AND SECURED
( ) 3.08 TO CONFORM TO NEC STANDARDS
( ) 3.09 TO CONFORM TO NEC STANDARDS
( ) 3.10 TO CONFORM TO NEC STANDARDS
( ) 3.11 TO CONFORM TO NEC STANDARDS
( ) 3.12 IN ACCORDANCE WITH BLUEPRINT AND WIRING DIAGRAM

MISOE NO. _____

PROGRAM ELECTRICAL

USOE CODE NO(S) _____

DIVISION 05 INDUSTRIAL & COMMERCIAL WIRING DISTRIBUTION & SPECIAL CIRCUITS

UNIT 02 EXISTING SYSTEM MOD.

TERMOB NO. 12-032

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____ 174

PROGRAM ELECTRICAL

DIVISION 05 INDUSTRIAL & COMMERCIAL WIRING DISTRIBUTION & SPECIAL CIRCUITS

UNIT 03 LIGHTING

TERMOB NO. 12-033

1.00 CONDITION

( ) 1.01 ELECTRICAL LAYOUT BLUEPRINT OF INDUSTRIAL LIGHTING CIRCUITS CONTROLLED FROM A CIRCUIT BREAKER PANEL
( ) 1.02 METAL-CLAD CABLE
( ) 1.03 NONMETALLIC-SHEATHED CABLE
( ) 1.04 FLUORESCENT LUMINAIRES
( ) 1.05 MERCURY LUMINAIRES
( ) 1.06 METAL HALIDE LUMINAIRES
( ) 1.07 SODIUM VAPOR LUMINAIRES
( ) 1.08 NEON LUMINAIRES
( ) 1.09 SERVICE PANEL
( ) 1.10 ELECTRICIAN'S BASIC TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL AN INDUSTRIAL LIGHTING CIRCUIT(S) TO BE CONTROLLED FROM A CIRCUIT BREAKER EMPLOYING THE FOLLOWING PROCEDURE:

( ) 2.02 SKETCH WIRING DIAGRAM FROM BLUEPRINT
( ) 2.03 SELECT PROPER MATERIALS AND SUPPLIES FOR THE JOB
( ) 2.04 MARK AND PREPARE OUTLET LOCATIONS
( ) 2.05 FASTEN BOXES AND FUSE PANEL IN PLACE
( ) 2.06 BORE HOLES WHERE NECESSARY FOR RUNNING OF CABLE
( ) 2.07 RUN CABLE
( ) 2.08 SECURE CABLE TO BOXES
( ) 2.09 MAKE SPLICES AND PROPER CONNECTIONS TO FIXTURES
( ) 2.10 RUN CIRCUIT(S) INTO SERVICE PANEL
( ) 2.11 DEMONSTRATE PROPER OPERATION OF THE CIRCUIT(S)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 CIRCUIT(S) CONFORM TO NEC AND OPERATE PROPERLY TO THE APPROVAL OF BOARD OF LICENSED ELECTRICIANS. TO BE COMPLETED WITHIN 8 HOURS WITH EACH STEP JUDGED SATISFACTORY OR UNSATISFACTORY

( ) 3.02 WITH EACH CONDUCTOR SHOWN, COLOR LABELED AND INDICATED HOT OR NEUTRAL
( ) 3.03 TO THE EXTENT THAT THE JOB CAN BE DONE PROPERLY IN THE MOST ECONOMICAL WAY
( ) 3.04 TO CONFORM TO NEC STANDARDS AND BLUEPRINT
( ) 3.05 TO CONFORM TO NEC STANDARDS AND BLUEPRINT

( ) 1.01 ELECTRICAL LAYOUT BLUEPRINT OF INDUSTRIAL LIGHTING CIRCUITS CONTROLLED FROM A CIRCUIT BREAKER PANEL
( ) 1.02 METAL-CLAD CABLE
( ) 1.03 NONMETALLIC-SHEATHED CABLE
( ) 1.04 FLUORESCENT LUMINAIRES
( ) 1.05 MERCURY LUMINAIRES
( ) 1.06 METAL HALIDE LUMINAIRES
( ) 1.07 SODIUM VAPOR LUMINAIRES
( ) 1.08 NEON LUMINAIRES
( ) 1.09 SERVICE PANEL
( ) 1.10 ELECTRICIAN'S BASIC TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL AN INDUSTRIAL LIGHTING CIRCUIT(S) TO BE CONTROLLED FROM A CIRCUIT BREAKER EMPLOYING THE FOLLOWING PROCEDURE:

( ) 2.02 SKETCH WIRING DIAGRAM FROM BLUEPRINT
( ) 2.03 SELECT PROPER MATERIALS AND SUPPLIES FOR THE JOB
( ) 2.04 MARK AND PREPARE OUTLET LOCATIONS
( ) 2.05 FASTEN BOXES AND FUSE PANEL IN PLACE
( ) 2.06 BORE HOLES WHERE NECESSARY FOR RUNNING OF CABLE
( ) 2.07 RUN CABLE
( ) 2.08 SECURE CABLE TO BOXES
( ) 2.09 MAKE SPLICES AND PROPER CONNECTIONS TO FIXTURES
( ) 2.10 RUN CIRCUIT(S) INTO SERVICE PANEL
( ) 2.11 DEMONSTRATE PROPER OPERATION OF THE CIRCUIT(S)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 CIRCUIT(S) CONFORM TO NEC AND OPERATE PROPERLY TO THE APPROVAL OF BOARD OF LICENSED ELECTRICIANS. TO BE COMPLETED WITHIN 8 HOURS WITH EACH STEP JUDGED SATISFACTORY OR UNSATISFACTORY

( ) 3.02 WITH EACH CONDUCTOR SHOWN, COLOR LABELED AND INDICATED HOT OR NEUTRAL
( ) 3.03 TO THE EXTENT THAT THE JOB CAN BE DONE PROPERLY IN THE MOST ECONOMICAL WAY
( ) 3.04 TO CONFORM TO NEC STANDARDS AND BLUEPRINT
( ) 3.05 TO CONFORM TO NEC STANDARDS AND BLUEPRINT
( ) 3.06 TO CONFORM TO NEC STANDARDS AND WIRING DIAGRAM
( ) 3.07 TO CONFORM TO NEC STANDARDS. CABLES SHALL BE PROPERLY SUPPORTED AND SECURED
( ) 3.08 TO CONFORM TO NEC STANDARDS
( ) 3.09 TO CONFORM TO NEC STANDARDS
( ) 3.10 TO CONFORM TO NEC STANDARDS
( ) 3.11 CIRCUIT(S) OPERATE PROPERLY

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 05 INDUSTRIAL & COMMERCIAL WIRING DISTRIBUTION & SPECIAL CIRCUITS

USOE CODE NO(S) _____

UNIT 03 LIGHTING

TERMOB NO. 12-033

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 05 INDUSTRIAL & COMMERCIAL WIRING DISTRIBUTION & SPECIAL CIRCUITS

UNIT 03 LIGHTING

TERMOB NO. 12-034

1.00 CONDITION

( ) 1.01 ELECTRICAL LAYOUT BLUEPRINT OF COMMERCIAL LIGHTING CIRCUIT REQUIRING LIGHTING ANIMATION
( ) 1.02 NON METALLIC SHEATHED CABLE
( ) 1.03 METAL CLAD CABLE
( ) 1.04 RIGID METAL CONDUIT
( ) 1.05 FLEXIBLE METAL CONDUIT
( ) 1.06 ELECTRICAL METALLIC TUBING
( ) 1.07 WIRE FOR USE IN RACEWAYS
( ) 1.08 TIMER CONTROLS
( ) 1.09 PATTERN CONTROLS
( ) 1.10 SERVICE PANEL
( ) 1.11 ASSOCIATED HARDWARE AS NEEDED
( ) 1.12 ELECTRICIAN'S BASIC TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL A SIGN REQUIRING LIGHTING ANIMATION AND NECESSARY CONTROL DEVICES EMPLOYING THE FOLLOWING PROCEDURE:

( ) 2.02 SKETCH WIRING DIAGRAM FROM BLUEPRINT
( ) 2.03 SELECT PROPER MATERIALS AND SUPPLIES FOR THE JOB
( ) 2.04 MARK AND PREPARE OUTLET LOCATIONS
( ) 2.05 FASTEN BOXES AND FUSE PANEL IN PLACE
( ) 2.06 BORE HOLES WHERE NECESSARY FOR RUNNING OF CABLE OR CONDUIT
( ) 2.07 RUN CABLE OR CONDUIT
( ) 2.08 SECURE CABLE OR CONDUIT TO BOXES
( ) 2.09 PULL WIRES THROUGH CONDUIT
( ) 2.10 MAKE SPLICES AND PROPER CONNECTIONS TO BOXES AND FIXTURES
( ) 2.11 RUN CIRCUIT INTO SERVICE PANEL
( ) 2.12 DEMONSTRATE PROPER OPERATION OF THE CIRCUIT

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 05 INDUSTRIAL & COMMERCIAL WIRING DISTRIBUTION & SPECIAL CIRCUITS

USOE CODE NO(S) _____

UNIT 03 LIGHTING

TERMOB NO. I2-034

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

MISQE NO. _____

PROGRAM ELECTRICAL

DIVISION 09 INDUSTRIAL & COMMERCIAL WIRING DISTRIBUTION & SPECIAL CIRCUITS

UNIT 03 LIGHTING

TERMOB NO. 12-034 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 CIRCUIT CONFORMS TO NEC AND OPERATES PROPERLY TO THE APPROVAL OF A BOARD OF LICENSED ELECTRICIANS. TO BE COMPLETED WITHIN 5 HOURS WITH EACH STEP JUDGED SATISFACTORY OR UNSATISFACTORY

( ) 3.02 WITH EACH CONDUCTOR SHOWN. COLOR LABELED AND INDICATED HOT OR NEUTRAL

( ) 3.03 TO THE EXTENT THAT THE JOB CAN BE DONE PROPERLY IN THE MOST ECONOMICAL WAY

( ) 3.04 TO CONFORM TO NEC STANDARDS AND BLUEPRINT

( ) 3.05 TO CONFORM TO NEC STANDARDS AND BLUEPRINT

( ) 3.06 TO CONFORM TO NEC STANDARDS AND WIRING DIAGRAM

( ) 3.07 TO CONFORM TO NEC STANDARDS. CABLES/CONDUITS SHALL BE PROPERLY SUPPORTED AND SECURED

( ) 3.08 TO CONFORM TO NEC STANDARDS

( ) 3.09 TO CONFORM TO NEC STANDARDS

( ) 3.10 TO CONFORM TO NEC STANDARDS

( ) 3.11 TO CONFORM TO NEC STANDARDS

( ) 3.12 CIRCUIT OPERATES PROPERLY

MISOE NO. _____

PROGRAM ELECTRICAL

USOE CODE NO(S) _____

DIVISION 05 INDUSTRIAL & COMMERCIAL WIRING DISTRIBUTION & SPECIAL CIRCUITS

UNIT 03 LIGHTING

TERMOB NO. 12-034 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 05 / INDUSTRIAL & COMMERCIAL WIRING DISTRIBUTION & SPECIAL CIRCUITS

UNIT 04 / EMERGENCY SYSTEMS

TERMOB NO. 12-035

1.00 CONDITION

( ) 1.01 ELECTRICAL LAYOUT BLUEPRINT OF AN EMERGENCY SYSTEM TO CONTROL LIGHTING IN POWER FAILURE THROUGH USE OF A TRANSFER SWITCH
( ) 1.02 RIGID METAL CONDUIT
( ) 1.03 FLEXIBLE METAL CONDUIT
( ) 1.04 ELECTRICAL METALLIC TUBING
( ) 1.05 WIRE FOR USE IN RACEWAYS
( ) 1.06 SERVICE PANEL
( ) 1.07 EMERGENCY LIGHT UNIT (SELF-CONTAINED UNIT)
( ) 1.08 BATTERY CHARGER, BATTERY BANK, AUTOMATIC TRANSFER SWITCH
( ) 1.09 EMERGENCY GENERATOR, AUTOMATIC TRANSFER SWITCH
( ) 1.10 APPLICABLE SERVICE MANUALS
( ) 1.11 SINGLE-PHASE SERVICE
( ) 1.12 THREE-PHASE SERVICE
( ) 1.13 ASSOCIATED HARDWARE AS NEEDED
( ) 1.14 ELECTRICIAN'S BASIC TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL AN EMERGENCY SYSTEM CIRCUIT TO CONTROL LIGHTING IN POWER FAILURE THROUGH USE OF A TRANSFER SWITCH EMPLOYING THE FOLLOWING PROCEDURE:

( ) 2.02 SKETCH WIRING DIAGRAM FROM BLUEPRINT
( ) 2.03 SELECT PROPER MATERIALS AND SUPPLIES FOR THE JOB
( ) 2.04 MARK AND PREPARE OUTLET LOCATIONS
( ) 2.05 FASTEN BOXES AND FUSE PANEL IN PLACE
( ) 2.06 BORE HOLES WHERE NECESSARY FOR RUNNING OF CONDUIT
( ) 2.07 RUN CONDUIT
( ) 2.08 SECURE CONDUIT TO BOXES
( ) 2.09 PULL WIRES THROUGH CONDUIT
( ) 2.10 MAKE SPLICES AND PROPER CONNECTIONS TO BOXES AND FIXTURES
( ) 2.11 RUN CIRCUIT INTO SERVICE PANEL
( ) 2.12 DEMONSTRATE PROPER OPERATION OF THE CIRCUIT

MISOE NO.

PROGRAM ELECTRICAL

USOE CODE NO(S)

DIVISION 05 INDUSTRIAL & COMMERCIAL WIRING DISTRIBUTION & SPECIAL CIRCUITS

UNIT 04 EMERGENCY SYSTEMS

TERMOB NO. 12-035

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 05 INDUSTRIAL & COMMERCIAL WIRING DISTRIBUTION & SPECIAL CIRCUITS

UNIT 04 EMERGENCY SYSTEMS

TERMOB NO. 12-035 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME		
( )	3.01	CIRCUIT CONFORMS TO NEC AND OPERATES PROPERLY TO THE APPROVAL OF A BOARD OF LICENSED ELECTRICIANS. TO BE COMPLETED WITHIN 8 HOURS WITH EACH STEP JUDGED SATISFACTORY OR UNSATISFACTORY
( )	3.02	WITH EACH CONDUCTOR SHOWN, COLOR LABELED AND INDICATED HOT OR NEUTRAL
( )	3.03	TO THE EXTENT THAT THE JOB CAN BE DONE PROPERLY IN THE MOST ECONOMICAL WAY
( )	3.04	TO CONFORM TO NEC STANDARDS AND BLUEPRINT
( )	3.05	TO CONFORM TO NEC STANDARDS AND BLUEPRINT
( )	3.06	TO CONFORM TO NEC STANDARDS AND WIRING DIAGRAM
( )	3.07	TO CONFORM TO NEC STANDARDS. CONDUITS SHALL BE PROPERLY SUPPORTED AND SECURED
( )	3.08	TO CONFORM TO NEC STANDARDS
( )	3.09	TO CONFORM TO NEC STANDARDS
( )	3.10	TO CONFORM TO NEC STANDARDS
( )	3.11	TO CONFORM TO NEC STANDARDS
( )	3.12	CIRCUIT OPERATES PROPERLY

MISOE NO. _____

PROGRAM ELECTRICAL

USOE CODE NO(S) _____

DIVISION 05 INDUSTRIAL & COMMERCIAL WIRING DISTRIBUTION & SPECIAL CIRCUITS

UNIT 04 EMERGENCY SYSTEMS

TERMOB NO. 12-035 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 05 INDUSTRIAL & COMMERCIAL WIRING DISTRIBUTION & SPECIAL CIRCUITS
UNIT
UNIT 04 EMERGENCY SYSTEMS
TERMOB NO. 12-036

1.00 CONDITION

( ) 1.01 ELECTRICAL LAYOUT BLUEPRINT OF A FIRE ALARM CIRCUIT WITH HEAT SENSOR(S), SMOKE DETECTOR(S), LOCAL CALL BOXES, BELLS AND AUTOMATIC SPRINKLER SENSORS
( ) 1.02 NON-METALLIC SHEATHED CABLE
( ) 1.03 METAL CLAD CABLE
( ) 1.04 RIGID CONDUIT
( ) 1.05 FLEXIBLE CONDUIT
( ) 1.06 ELECTRICAL METALLIC TUBING
( ) 1.07 WIRE FOR USE IN RACEWAYS
( ) 1.08 LOW VOLTAGE WIRE WITH APPROPRIATE NUMBER OF CONDUCTORS
( ) 1.09 LOW VOLTAGE TRANSFORMERS, RELAYS, CONTROL SWITCHES, SELECTOR SWITCHES, ETC.
( ) 1.10 HEAT SENSORS
( ) 1.11 SMOKE SENSORS
( ) 1.12 FIRE ALARM PANEL
( ) 1.13 BATTERY BANK
( ) 1.14 BELLS
( ) 1.15 APPLICABLE SERVICE MANUALS
( ) 1.16 ASSOCIATED HARDWARE AS NEEDED
( ) 1.17 ELECTRICIAN'S BASIC TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL A FIRE ALARM CIRCUIT WITH HEAT SENSOR(S), SMOKE DETECTOR(S), LOCAL CALL BOXES, BELLS AND AUTOMATIC SPRINKLER SENSORS EMPLOYING THE FOLLOWING PROCEDURE:

( ) 2.02 SKETCH WIRING DIAGRAM
( ) 2.03 SELECT PROPER MATERIALS AND SUPPLIES FOR THE JOB
( ) 2.04 MARK AND PREPARE OUTLET LOCATIONS
( ) 2.05 FASTEN BOXES AND FUSE PANEL (IF NECESSARY) IN PLACE
( ) 2.06 BORE HOLES WHERE NECESSARY FOR RUNNING OF CABLE, CONDUIT OR WIRE
( ) 2.07 RUN CABLE, WIRE OR CONDUIT
( ) 2.08 SECURE CABLE OR CONDUIT OR WIRE TO BOXES
( ) 2.09 PULL WIRE THROUGH CONDUIT
( ) 2.10 MAKE SPLICES AND PROPER CONNECTIONS TO DEVICES AND FIXTURES
( ) 2.11 DEMONSTRATE PROPER OPERATION OF THE CIRCUIT

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 05 INDUSTRIAL & COMMERCIAL WIRING DISTRIBUTION & SPECIAL CIRCUITS

USOE CODE NO(S). _____

UNIT 04 EMERGENCY SYSTEMS

TERMOB NO. 12-036

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 05 INDUSTRIAL & COMMERCIAL WIRING DISTRIBUTION & SPECIAL CIRCUITS

UNIT 04 EMERGENCY SYSTEMS

TERMOB NO. 12-036 (CONT.

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 CIRCUIT CONFORMS TO NEC AND OPERATES PROPERLY TO THE APPROVAL OF A BOARD OF LICENSED ELECTRICIANS. TO BE COMPLETED WITHIN 8 HOURS WITH EACH STEP JUDGED SATISFACTORY OR UNSATISFACTORY

( ) 3.02 WITH EACH CONDUCTOR SHOWN, COLOR LABELED, INDICATED HOT OR NEUTRAL AND APPLICABLE VOLTAGE

( ) 3.03 TO THE EXTENT THAT THE JOB CAN BE DONE PROPERLY IN THE MOST ECONOMICAL WAY

( ) 3.04 TO CONFORM TO NEC STANDARDS, BLUEPRINT AND INSTRUCTIONS

( ) 3.05 TO CONFORM TO NEC STANDARDS

( ) 3.06 TO CONFORM TO NEC STANDARDS

( ) 3.07 TO CONFORM TO NEC STANDARDS. CABLES/CONDUITS/WIRES SHALL BE PROPERLY SUPPORTED AND SECURED

( ) 3.08 TO CONFORM TO NEC STANDARDS

( ) 3.09 TO CONFORM TO NEC STANDARDS

( ) 3.10 TO CONFORM TO NEC STANDARDS

( ) 3.11 CIRCUIT OPERATES PROPERLY

MISOE NO. _____

PROGRAM ELECTRICAL

USOE CODE NO(S) _____

DIVISION 05 INDUSTRIAL & COMMERCIAL WIRING DISTRIBUTION & SPECIAL CIRCUITS

UNIT 04 EMERGENCY SYSTEMS

TERMOB NO. 12-036 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 05 INDUSTRIAL & COMMERCIAL WIRING DISTRIBUTION & SPECIAL CIRCUITS

UNIT 04 EMERGENCY SYSTEMS

TERMOB NO. 12-037

1.00 CONDITION

( ) 1.01 ELECTRICAL LAYOUT BLUEPRINT OF A SECURITY CIRCUIT WITH SENSING DEVICES AND APPROPRIATE ALARMS
( ) 1.02 NON-METALLIC SHEATHED CABLE
( ) 1.03 SURFACE METAL/NONMETALLIC RACEWAY
( ) 1.04 LOW VOLTAGE WIRE WITH APPROPRIATE NUMBER OF CONDUCTORS
( ) 1.05 LOW VOLTAGE TRANSFORMERS, RELAYS, CONTROL SWITCHES, SELECTOR SWITCHES, ETC.
( ) 1.06 SERVICE PANEL
( ) 1.07 BELLS, BUZZERS, SILENT ALARMS
( ) 1.08 DOOR SWITCHES
( ) 1.09 WINDOW SWITCHES
( ) 1.10 BATTERIES
( ) 1.11 CAPACITIVE MOTION DETECTOR
( ) 1.12 SOUND DETECTOR
( ) 1.13 APPLICABLE INSTALLATION MANUALS
( ) 1.14 ASSOCIATED HARDWARE AS NEEDED
( ) 1.15 ELECTRICIAN'S BASIC TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL A SECURITY CIRCUIT WITH SENSING DEVICES AND APPROPRIATE ALARMS EMPLOYING THE FOLLOWING PROCEDURE:

( ) 2.02 SKETCH WIRING DIAGRAM
( ) 2.03 SELECT PROPER MATERIALS AND SUPPLIES FOR THE JOB
( ) 2.04 MARK AND PREPARE OUTLET LOCATIONS
( ) 2.05 FASTEN BOXES AND FUSE PANEL (IF NECESSARY) IN PLACE
( ) 2.06 BORE HOLES WHERE NECESSARY FOR RUNNING OF CABLE, RACEWAY OR WIRE
( ) 2.07 RUN CABLE, WIRE OR RACEWAY
( ) 2.08 SECURE CABLE, WIRE OR RACEWAY TO BOXES
( ) 2.09 PULL WIRE THROUGH RACEWAY
( ) 2.10 MAKE SPLICES AND PROPER CONNECTIONS TO DEVICES AND FIXTURES
( ) 2.11 RUN CIRCUIT INTO SERVICE PANEL
( ) 2.12 DEMONSTRATE PROPER OPERATION OF THE CIRCUIT

MISOE NO. _____

PROGRAM ELECTRICAL

USOE CODE NO(S) _____

DIVISION 05 INDUSTRIAL & COMMERCIAL WIRING DISTRIBUTION & SPECIAL CIRCUITS

UNIT 04 EMERGENCY SYSTEMS

TERMOB NO. 12-037

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 05 INDUSTRIAL & COMMERCIAL WIRING DISTRIBUTION & SPECIAL CIRCUITS

UNIT 04 EMERGENCY SYSTEMS

TERMOB NO. 12-037 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME		
( )	3.01	CIRCUIT CONFORMS TO NEC AND OPERATES PROPERLY TO THE APPROVAL OF A BOARD OF LICENSED ELECTRICIANS. TO BE COMPLETED WITHIN 6 HOURS WITH EACH STEP JUDGED SATISFACTORY OR UNSATISFACTORY

( )	3.02	WITH EACH CONDUCTOR SHOWN, COLOR LABELED, INDICATED HOT OR NEUTRAL AND APPLICABLE VOLTAGES
( )	3.03	TO THE EXTENT THAT THE JOB CAN BE DONE PROPERLY IN THE MOST ECONOMICAL WAY
( )	3.04	TO CONFORM TO NEC STANDARDS, BLUEPRINT AND VERBAL INSTRUCTIONS
( )	3.05	TO CONFORM TO NEC STANDARDS
( )	3.06	TO CONFORM TO NEC STANDARDS
( )	3.07	TO CONFORM TO NEC STANDARDS. CABLES/RACEWAY/WIRES SHALL BE PROPERLY SUPPORTED AND SECURED
( )	3.08	TO CONFORM TO NEC STANDARDS
( )	3.09	TO CONFORM TO NEC STANDARDS
( )	3.10	TO CONFORM TO NEC STANDARDS
( )	3.11	TO CONFORM TO NEC STANDARDS
( )	3.12	CIRCUIT OPERATES PROPERLY

MISOE NO. _____

PROGRAM ELECTRICAL

USOE CODE NO(S) _____

DIVISION 35 INDUSTRIAL & COMMERCIAL WIRING DISTRIBUTION & SPECIAL CIRCUITS

UNIT 04 EMERGENCY SYSTEMS

TERMOB NO. 12-037 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 06 MACHINES

UNIT 01 DIRECT CURRENT

TERMOB NO. 12-038

1.00 CONDITION

( ) 1.01 VERBAL INSTRUCTIONS AS TO LOCATIONS, CONDITIONS AND SPECIFICATIONS OF CIRCUIT
( ) 1.02 NON-METALLIC SHEATHED CABLE
( ) 1.03 METAL CLAD CABLE
( ) 1.04 RIGID CONDUIT
( ) 1.05 FLEXIBLE CONDUIT
( ) 1.06 ELECTRICAL METALLIC TUBING
( ) 1.07 DC VOLTAGE SUPPLY
( ) 1.08 DC VOLTAGE SERVICE MANUAL
( ) 1.09 DC SHUNT MOTOR
( ) 1.10 DC SERIES MOTOR
( ) 1.11 DC COMPOUND MOTOR-SHORT STUNT
( ) 1.12 DC COMPOUND MOTOR-LONG SHUNT
( ) 1.13 MANUAL STARTER COMPONENTS (THREE-POINT STARTER, FIELD RHEOSTAT, FOUR-POINT STARTER)
( ) 1.14 APPLICABLE SERVICE MANUALS
( ) 1.15 ELECTRICIAN'S BASIC TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL A DC MOTOR CONTROLLED BY A MANUAL STARTER STATION EMPLOYING THE FOLLOWING PROCEDURE:

( ) 2.02 SKETCH WIRING DIAGRAM
( ) 2.03 SELECT PROPER MATERIALS AND SUPPLIES FOR THE JOB
( ) 2.04 MARK AND PREPARE OUTLET LOCATIONS
( ) 2.05 FASTEN BOXES AND FUSE PANEL IN PLACE
( ) 2.06 BORE HOLES WHERE NECESSARY FOR RUNNING OF CABLE OR CONDUIT
( ) 2.07 RUN CABLE OR CONDUIT
( ) 2.08 SECURE CABLE OR CONDUIT TO BOXES
( ) 2.09 PULL WIRE THROUGH CONDUIT
( ) 2.10 MAKE SPLICES AND PROPER CONNECTIONS TO BOXES AND MOTORS
( ) 2.11 RUN CIRCUIT INTO SERVICE PANEL
( ) 2.12 DEMONSTRATE PROPER OPERATION OF THE CIRCUIT

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 06 MACHINES

USOE CODE NO(S) _____

UNIT 01 DIRECT CURRENT

TERMOB NO. 12-038

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 06 MACHINES

UNIT 01 DIRECT CURRENT

TERMOB NO. 12-038 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 CIRCUIT CONFORMS TO NEC AND OPERATES PROPERLY TO THE APPROVAL OF A BOARD OF LICENSED ELECTRICIANS. TO BE COMPLETED WITHIN 3 HOURS WITH EACH STEP JUDGED SATISFACTORY OR UNSATISFACTORY

( ) 3.02 WITH EACH CONDUCTOR SHOWN, COLOR LABELED, INDICATED HOT OR NEUTRAL AND APPLICABLE VOLTAGES

( ) 3.03 TO THE EXTENT THAT THE JOB CAN BE DONE PROPERLY IN THE MOST ECONOMICAL WAY

( ) 3.04 TO CONFORM TO NEC STANDARDS AND VERBAL INSTRUCTIONS

( ) 3.05 TO CONFORM TO NEC STANDARDS

( ) 3.06 TO CONFORM TO NEC STANDARDS

( ) 3.07 TO CONFORM TO NEC STANDARDS. CABLES OR CONDUITS SHALL BE PROPERLY SUPPORTED AND SECURED

( ) 3.08 TO CONFORM TO NEC STANDARDS

( ) 3.09 TO CONFORM TO NEC STANDARDS

( ) 3.10 TO CONFORM TO NEC STANDARDS

( ) 3.11 TO CONFORM TO NEC STANDARDS

( ) 3.12 CIRCUIT OPERATES PROPERLY

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 06 MACHINES

USOE CODE NO(S) _____

UNIT 01 DIRECT CURRENT

TERMOB NO. 12-038 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 06 MACHINES

UNIT 01 DIRECT CURRENT

TERMOB NO. 12-039

1.00 CONDITION

( ) 1.01 VERBAL INSTRUCTIONS AS TO LOCATIONS, CONDITIONS AND SPECIFICATIONS OF CIRCUIT
( ) 1.02 NON-METALLIC SHEATHED CABLE
( ) 1.03 METAL CLAD CABLE
( ) 1.04 RIGID CONDUIT
( ) 1.05 FLEXIBLE CONDUIT
( ) 1.06 ELECTRICAL METALLIC TUBING
( ) 1.07 DC VOLTAGE SUPPLY
( ) 1.08 DC VOLTAGE SERVICE PANEL
( ) 1.09 DC SHUNT MOTOR
( ) 1.10 DC SERIES MOTOR
( ) 1.11 DC COMPOUND MOTOR-SHORT SHUNT
( ) 1.12 DC COMPOUND MOTOR-LONG SHUNT
( ) 1.13 AUTOMATIC STARTER COMPONENTS (START-STOP PUSH BUTTON, TIME-LIMIT CONTACTORS, ETC.)
( ) 1.14 CONTROL COMPONENTS (STOP-FORWARD-REVERSE CONTROLS)
( ) 1.15 APPLICABLE SERVICE MANUALS
( ) 1.16 ELECTRICIAN'S BASIC TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL A 120 VOLT DC MOTOR CONTROLLED BY A STOP-FORWARD-REVERSE STATION EMPLOYING THE FOLLOWING PROCEDURE:

( ) 2.02 SKETCH WIRING DIAGRAM
( ) 2.03 SELECT PROPER MATERIALS AND SUPPLIES FOR THE JOB
( ) 2.04 MARK AND PREPARE OUTLET LOCATIONS
( ) 2.05 FASTEN BOXES AND FUSE PANEL IN PLACE
( ) 2.06 BORE HOLES WHERE NECESSARY FOR RUNNING OF CABLE OR CONDUIT
( ) 2.07 RUN CABLE OR CONDUIT
( ) 2.08 SECURE CABLE OR CONDUIT TO BOXES
( ) 2.09 PULL WIRE THROUGH CONDUIT
( ) 2.10 MAKE SPLICES AND PROPER CONNECTIONS TO BOXES AND FIXTURES
( ) 2.11 RUN CIRCUIT INTO SERVICE PANEL
( ) 2.12 DEMONSTRATE PROPER OPERATION OF THE CIRCUIT

MISOE NO. _____

PROGRAM ELECTRICAL

USOE CODE NO(S) _____

DIVISION 06 MACHINES

UNIT 01 DIRECT CURRENT

TERMOB NO. 12-039

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 06 MACHINES

UNIT 01 DIRECT CURRENT

TERMOB NO. 12.039 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME		
( )	3.01	CIRCUIT CONFORMS TO NEC AND OPERATES PROPERLY TO THE APPROVAL OF A BOARD OF LICENSED ELECTRICIANS. TO BE COMPLETED WITHIN 3 HOURS WITH EACH STEP JUDGED SATISFACTORY OR UNSATISFACTORY
( )	3.02	WITH EACH CONDUCTOR SHOWN, COLOR LABELED, INDICATED HOT OR NEUTRAL AND APPLICABLE VOLTAGES
( )	3.03	TO THE EXTENT THAT THE JOB CAN BE DONE PROPERLY IN THE MOST ECONOMICAL WAY
( )	3.04	TO CONFORM TO NEC STANDARDS AND VERBAL INSTRUCTIONS
( )	3.05	TO CONFORM TO NEC STANDARDS
( )	3.06	TO CONFORM TO NEC STANDARDS
( )	3.07	TO CONFORM TO NEC STANDARDS. CABLES OR CONDUITS SHALL BE PROPERLY SUPPORTED AND SECURED
( )	3.08	TO CONFORM TO NEC STANDARDS
( )	3.09	TO CONFORM TO NEC STANDARDS
( )	3.10	TO CONFORM TO NEC STANDARDS
( )	3.11	TO CONFORM TO NEC STANDARDS
( )	3.12	CIRCUIT OPERATES PROPERLY

MISOE NO.

PROGRAM ELECTRICAL

DIVISION 06 MACHINES

USOE CODE NO(S)

UNIT 01 DIRECT CURRENT

TERMOB NO. 12-039 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 06 MACHINES

UNIT 0. DIRECT CURRENT

TERMO3 NO. 12-040

1.00 CONDITION

( ) 1.01 VERBAL INSTRUCTIONS AS TO LOCATIONS, CONDITIONS AND SPECIFICATIONS OF CIRCUIT
( ) 1.02 NON-METALLIC SHEATHED CABLE
( ) 1.03 METAL CLAD CABLE
( ) 1.04 RIGID CONDUIT
( ) 1.05 FLEXIBLE CONDUIT
( ) 1.06 ELECTRICAL METALLIC TUBING
( ) 1.07 DC VOLTAGE SUPPLY
( ) 1.08 DC VOLTAGE SERVICE PANEL
( ) 1.09 DC SHUNT MOTOR
( ) 1.10 DC SERIES MOTOR
( ) 1.11 DC COMPOUND MOTOR-SHORT SHUNT
( ) 1.12 DC COMPOUND MOTOR-LONG SHUNT
( ) 1.13 AUTOMATIC STARTER COMPONENTS (START-STOP PUSH BUTTON, TIME-LIMIT CONTACTORS, ETC.)
( ) 1.14 CONTROL COMPONENTS (STOP-FORWARD-REVERSE CONTROLS)
( ) 1.15 APPLICABLE SERVICE MANUALS
( ) 1.16 ELECTRICIAN'S BASIC TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL A DC SHUNT MOTOR WITH A DYNAMIC BRAKE EMPLOYING THE FOLLOWING PROCEDURE:

( ) 2.02 SKETCH WIRING DIAGRAM
( ) 2.03 SELECT PROPER MATERIALS AND SUPPLIES FOR THE JOB
( ) 2.04 MARK AND PREPARE OUTLET LOCATIONS
( ) 2.05 FASTEN BOXES AND FUSE PANEL IN PLACE
( ) 2.06 BORE HOLES WHERE NECESSARY FOR RUNNING OF CABLE OR CONDUIT
( ) 2.07 RUN CABLE OR CONDUIT
( ) 2.08 SECURE CABLE OR CONDUIT TO BOXES
( ) 2.09 PULL WIRE THROUGH CONDUIT
( ) 2.10 MAKE SPLICES AND PROPER CONNECTIONS TO BOXES AND FIXTURES
( ) 2.11 RUN CIRCUIT INTO SERVICE PANEL
( ) 2.12 DEMONSTRATE PROPER OPERATION OF THE CIRCUIT

MISOE NO. _____

PROGRAM ELECTRICAL

USOE CODE NO(S) _____

DIVISION 06 MACHINES

UNIT 01 DC CURRENT

TERMOB NO. 12.040

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 06 MACHINES

UNIT 01 DC CURRENT

TERMOB NO. 12-040 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME		
( )	3.01	CIRCUIT CONFORMS TO NEC AND OPERATES PROPERLY TO THE APPROVAL OF A BOARD OF LICENSED ELECTRICIANS. TO BE COMPLETED WITHIN 3 HOURS WITH EACH STEP JUDGED SATISFACTORY OR UNSATISFACTORY

( )	3.02	WITH EACH CONDUCTOR SHOWN, COLOR LABELED, INDICATED HOT OR NEUTRAL AND APPLICABLE VOLTAGES
( )	3.03	TO THE EXTENT THAT THE JOB CAN BE DONE PROPERLY IN THE MOST ECONOMICAL WAY
( )	3.04	TO CONFORM TO NEC STANDARDS AND VERBAL INSTRUCTIONS
( )	3.05	TO CONFORM TO NEC STANDARDS
( )	3.06	TO CONFORM TO NEC STANDARDS
( )	3.07	TO CONFORM TO NEC STANDARDS. CABLES OR CONDUITS SHALL BE PROPERLY SUPPORTED AND SECURED
( )	3.08	TO CONFORM TO NEC STANDARDS
( )	3.09	TO CONFORM TO NEC STANDARDS
( )	3.10	TO CONFORM TO NEC STANDARDS
( )	3.11	TO CONFORM TO NEC STANDARDS
( )	3.12	CIRCUIT OPERATES PROPERLY

MI OF NO.

PROGRAM ELECTRICAL

DIVISION MACHINES

USOE CODE NO.

UNIT DC CURRENT

TERMOB NO. 12-040 (CONT.)

3.00 EXCELLENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 06 MACHINES

UNIT 02 SINGLE PHASE

TERMOB NO. 12-041

1.00 CONDITION

( ) 1.01 VERBAL INSTRUCTIONS AS TO LOCATIONS, CONDITIONS AND SPECIFICATIONS OF CIRCUIT
( ) 1.02 NON-METALLIC SHEATHED CABLE
( ) 1.03 METAL CLAD CABLE
( ) 1.04 RIGID CONDUIT
( ) 1.05 FLEXIBLE CONDUIT
( ) 1.06 ELECTRICAL METALLIC TUBING
( ) 1.07 STANDARD SINGLE PHASE MOTOR (NO CAPACITOR)
( ) 1.08 CAPACITOR START SPLIT PHASE MOTOR
( ) 1.09 CONTROL COMPONENTS (RELAYS, OVERLOAD DEVICES, THERMOSTAT, ETC.)
( ) 1.10 APPLICABLE SERVICE MANUALS
( ) 1.11 VOLTAGE SUPPLY
( ) 1.12 SERVICE PANEL
( ) 1.13 ASSOCIATED HARDWARE AS NEEDED
( ) 1.14 ELECTRICIAN'S BASIC TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL A SINGLE PHASE MOTOR CONTROLLED BY A CONTROL CIRCUIT COMPOSED OF A MAGNETIC CONTACTOR AND THERMOSTAT EMPLOYING THE FOLLOWING PROCEDURE:

( ) 2.02 SKETCH WIRING DIAGRAM
( ) 2.03 SELECT PROPER MATERIALS AND SUPPLIES FOR THE JOB
( ) 2.04 MARK AND PREPARE OUTLET LOCATIONS
( ) 2.05 FASTEN BOXES AND FUSE PANEL IN PLACE
( ) 2.06 BORE HOLES WHERE NECESSARY FOR RUNNING OF CABLE OR CONDUIT
( ) 2.07 RUN CABLE OR CONDUIT
( ) 2.08 SECURE CABLE OR CONDUIT TO BOXES
( ) 2.09 PULL WIRE THROUGH CONDUIT
( ) 2.10 MAKE SPLICES AND PROPER CONNECTIONS TO BOXES AND FIXTURES
( ) 2.11 RUN CIRCUIT INTO SERVICE PANEL
( ) 2.12 DEMONSTRATE PROPER OPERATION OF THE CIRCUIT

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 06 MACHINES

USOE CODE NO(S) _____

UNIT 02 SINGLE PHASE

TERMOB NO. 12-041

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 06 MACHINES

UNIT 02 SINGLE PHASE

TERMOB NO. 12-041 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 CIRCUIT CONFORMS TO NEC AND OPERATES PROPERLY TO THE APPROVAL OF A BOARD OF LICENSED ELECTRICIANS. TO BE COMPLETED WITHIN 2 HOURS WITH EACH STEP JUDGED SATISFACTORY OR UNSATISFACTORY

( ) 3.02 WITH EACH CONDUCTOR SHOWN, COLOR LABELED, INDICATED HOT OR NEUTRAL AND APPLICABLE VOLTAGES

( ) 3.03 TO THE EXTENT THAT THE JOB CAN BE DONE PROPERLY IN THE MOST ECONOMICAL WAY

( ) 3.04 TO CONFORM TO NEC STANDARDS AND VERBAL INSTRUCTIONS

( ) 3.05 TO CONFORM TO NEC STANDARDS

( ) 3.06 TO CONFORM TO NEC STANDARDS

( ) 3.07 TO CONFORM TO NEC STANDARDS. CABLES OR CONDUITS SHALL BE PROPERLY SUPPORTED AND SECURED

( ) 3.08 TO CONFORM TO NEC STANDARDS

( ) 3.09 TO CONFORM TO NEC STANDARDS

( ) 3.10 TO CONFORM TO NEC STANDARDS

( ) 3.11 TO CONFORM TO NEC STANDARDS

( ) 3.12 CIRCUIT OPERATES PROPERLY

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 06 MACHINES

USOE CODE NO(S) _____

UNIT 02 SINGLE PHASE

TERMOB NO. 12-041 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 06 MACHINES

UNIT 02 SINGLE PHASE

TERMOB NO. 12-042

1.00 CONDITION

( ) 1.01 VERBAL INSTRUCTIONS AS TO LOCATIONS, CONDITIONS AND SPECIFICATIONS OF CIRCUIT
( ) 1.02 NON-METALLIC SHEATHED CABLE
( ) 1.03 METAL CLAD CABLE
( ) 1.04 RIGID CONDUIT
( ) 1.05 FLEXIBLE CONDUIT
( ) 1.06 ELECTRICAL METALLIC TUBING
( ) 1.07 STANDARD SINGLE PHASE MOTOR (NO CAPACITOR)
( ) 1.08 CAPACITOR START SPLIT PHASE MOTOR
( ) 1.09 CONTROL COMPONENTS (RELAYS, OVERLOAD DEVICES, ETC.)
( ) 1.10 REVERSING SWITCH
( ) 1.11 APPLICABLE SERVICE MANUALS
( ) 1.12 VOLTAGE SUPPLY
( ) 1.13 SERVICE PANEL
( ) 1.14 ASSOCIATED HARDWARE AS NEEDED
( ) 1.15 ELECTIRICAN'S BASIC TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 INSTALL A DUAL VOLTAGE SPLIT PHASE MOTOR WITH A REVERSE SWITCH USING THE FOLLOWING PROCEDURE:

( ) 2.02 SKETCH WIRING DIAGRAM
( ) 2.03 SELECT PROPER MATERIALS AND SUPPLIES FOR THE JOB
( ) 2.04 MARK AND PREPARE OUTLET LOCATIONS
( ) 2.05 FASTEN BOXES AND FUSE PANEL IN PLACE
( ) 2.06 BORE HOLES WHERE NECESSARY FOR RUNNING OF CABLE OR CONDUIT
( ) 2.07 RUN CABLE OR CONDUIT
( ) 2.08 SECURE CABLE OR CONDUIT TO BOXES
( ) 2.09 PULL WIRE THROUGH CONDUIT
( ) 2.10 MAKE SPLICES AND PROPER CONNECTIONS TO BOXES AND FIXTURES
( ) 2.11 RUN CIRCUIT INTO SERVICE PANEL
( ) 2.12 DEMONSTRATE PROPER OPERATION OF THE CIRCUIT

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 06 MACHINES

USOE CODE NO(S) _____

UNIT 02 SINGLE PHASE

TERMOB NO. 12-042

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 06 MACHINES

UNIT 02 SINGLE PHASE

TERMOB NO. 12-042 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

(✓) 3.01 CIRCUIT CONFORMS TO NEC AND OPERATES PROPERLY TO THE APPROVAL OF A BOARD OF LICENSED ELECTRICIANS. TO BE COMPLETED WITHIN 3 HOURS WITH EACH STEP JUDGED SATISFACTORY OR UNSATISFACTORY

( ) 3.02 WITH EACH CONDUCTOR SHOWN, COLOR LABELED, INDICATED HOT OR NEUTRAL AND APPLICABLE VOLTAGES

( ) 3.03 TO THE EXTENT THAT THE JOB CAN BE DONE PROPERLY IN THE MOST ECONOMICAL WAY

( ) 3.04 TO CONFORM TO NEC STANDARDS AND VERBAL INSTRUCTIONS

( ) 3.05 TO CONFORM TO NEC STANDARDS

( ) 3.06 TO CONFORM TO NEC STANDARDS

( ) 3.07 TO CONFORM TO NEC STANDARDS. CABLES OR CONDUIT SHALL BE PROPERLY SUPPORTED AND SECURED

( ) 3.08 TO CONFORM TO NEC STANDARDS

( ) 3.09 TO CONFORM TO NEC STANDARDS

( ) 3.10 TO CONFORM TO NEC STANDARDS

( ) 3.11 TO CONFORM TO NEC STANDARDS

( ) 3.12 IN ACCORDANCE WITH VERBAL CONDITIONS AND SPECIFICATIONS

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 06 MACHINES

USOE CODE NO(S) _____

UNIT 02 SINGLE PHASE

TERMOB NO. 12-042 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 06 MACHINES

UNIT 02 SINGLE PHASE

TERMOB NO. 12-043

1.00 CONDITION

( ) 1.01 VERBAL INSTRUCTIONS AS TO LOCATIONS, CONDITIONS AND SPECIFICATIONS OF CIRCUIT
( ) 1.02 NON-METALLIC SHEATHED CABLE
( ) 1.03 METAL CLAD CABLE
( ) 1.04 RIGID CONDUIT
( ) 1.05 FLEXIBLE CONDUIT
( ) 1.06 ELECTRICAL METALLIC TUBING
( ) 1.07 STANDARD REPULSION TYPE SINGLE PHASE MOTOR
( ) 1.08 CONTROL COMPONENTS (RELAYS, OVERLOAD DEVICES)
( ) 1.09 APPLICABLE SERVICE MANUALS
( ) 1.10 VOLTAGE SUPPLY
( ) 1.11 SERVICE PANEL
( ) 1.12 ASSOCIATED HARDWARE AS NEEDED
( ) 1.13 ELECTRICIAN'S BASIC TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL A REPULSION TYPE SINGLE PHASE MOTOR EMPLOYING THE FOLLOWING PROCEDURE:

( ) 2.02 SKETCH WIRING DIAGRAM
( ) 2.03 SELECT PROPER MATERIALS AND SUPPLIES FOR THE JOB
( ) 2.04 MARK AND PREPARE OUTLET LOCATIONS
( ) 2.05 FASTEN BOXES AND FUSE PANEL IN PLACE
( ) 2.06 BORE HOLES WHERE NECESSARY FOR RUNNING OF CABLE OR CONDUIT
( ) 2.07 RUN CABLE OR CONDUIT
( ) 2.08 SECURE CABLE OR CONDUIT TO BOXES
( ) 2.09 PULL WIRE THROUGH CONDUIT
( ) 2.10 MAKE SPLICES AND PROPER CONNECTIONS TO BOXES AND FIXTURES
( ) 2.11 RUN CIRCUIT INTO SERVICE PANEL
( ) 2.12 DEMONSTRATE PROPER OPERATION OF THE CIRCUIT

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 06 MACHINES

USOE CODE NO(S) _____

UNIT 02 SINGLE PHASE

TERMOB NO. 12-043

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 06 MACHINES

UNIT 02 SINGLE PHASE

TERMOB NO. 12-043 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 CIRCUIT CONFORMS TO NEC AND OPERATES PROPERLY TO THE APPROVAL OF A BOARD OF LICENSED ELECTRICIANS. TO BE COMPLETED WITHIN 3 HOURS WITH EACH STEP JUDGED SATISFACTORY OR UNSATISFACTORY

( ) 3.02 WITH EACH CONDUCTOR SHOWN, COLOR LABELED, INDICATED HOT OR NEUTRAL AND APPLICABLE VOLTAGES

( ) 3.03 TO THE EXTENT THAT THE JOB CAN BE DONE PROPERLY IN THE MOST ECONOMICAL WAY

( ) 3.04 TO CONFORM TO NEC STANDARDS AND VERBAL INSTRUCTIONS

( ) 3.05 TO CONFORM TO NEC STANDARDS

( ) 3.06 TO CONFORM TO NEC STANDARDS

( ) 3.07 TO CONFORM TO NEC STANDARDS. CABLES OR CONDUITS SHALL BE PROPERLY SUPPORTED AND SECURED

( ) 3.08 TO CONFORM TO NEC STANDARDS

( ) 3.09 TO CONFORM TO NEC STANDARDS

( ) 3.10 TO CONFORM TO NEC STANDARDS

( ) 3.11 TO CONFORM TO NEC STANDARDS

( ) 3.12 CIRCUIT OPERATES PROPERLY

MISOE NO. _____

PROGRAM ELECTRICAL

USOE CODE NO(S) _____

DIVISION 06 MACHINES

UNIT 02 SINGLE PHASE

TERMOB NO. 12-043 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 06 MACHINES

UNIT 03 POLYPHASE

TERMOB NO. 12-044

1.00 CONDITION

( ) 1.01 VERBAL INSTRUCTIONS AS TO LOCATIONS, CONDITIONS AND SPECIFICATIONS OF THE CIRCUIT
( ) 1.02 NON-METALLIC SHEATHED CABLE
( ) 1.03 METAL CLAD CABLE
( ) 1.04 RIGID CONDUIT
( ) 1.05 FLEXIBLE CONDUIT
( ) 1.06 ELECTRICAL METALLIC TUBING
( ) 1.07 THREE PHASE SQUIRREL-CAGE MOTOR
( ) 1.08 CONTROL COMPONENTS (START-STOP STATION, CONTACTORS, OVERLOAD DEVICES)
( ) 1.09 MASTER CONTROLLER COMPONENTS (MASTER, RESISTORS, RELAYS)
( ) 1.10 VOLTAGE SUPPLY
( ) 1.11 SERVICE PANEL
( ) 1.12 ASSOCIATED HARDWARE AS NEEDED
( ) 1.13 APPLICABLE SERVICE MANUALS
( ) 1.14 ELECTRICIAN'S BASIC TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

(.) 2.01 INSTALL A THREE PHASE INDUCTION MOTOR CONTROLLED BY A CONTROL CIRCUIT COMPOSED OF A MAGNETIC CONTROLLER AND ONE START-STOP STATION EMPLOYING THE FOLLOWING PROCEDURE:

( ) 2.02 SKETCH WIRING DIAGRAM
( ) 2.03 SELECT PROPER MATERIALS AND SUPPLIES FOR THE JOB
( ) 2.04 MARK AND PREPARE OUTLET LOCATIONS
( ) 2.05 FASTEN BOXES AND FUSE PANEL IN PLACE
( ) 2.06 BORE HOLES WHERE NECESSARY FOR RUNNING OF CABLE OR CONDUIT
( ) 2.07 RUN CABLE OR CONDUIT
( ) 2.08 SECURE CABLE OR CONDUIT TO BOXES
( ) 2.09 PULL WIRE THROUGH CONDUIT
( ) 2.10 MAKE SPLICES AND PROPER CONNECTIONS TO BOXES AND FIXTURES
( ) 2.11 RUN CIRCUIT INTO SERVICE PANEL
( ) 2.12 DEMONSTRATE PROPER OPERATION OF THE CIRCUIT

MISOR NO.

PROGRAM ELECTRICAL MACHINES

USOE CODE NO(S)

UNIT 03 POLYPHASE

TERMOB NO. 12-044

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 06 MACHINES

UNIT 03 POLYPHASE

TERMOB NO. 12-044 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 CIRCUIT CONFORMS TO NEC AND OPERATES PROPERLY TO THE APPROVAL OF A BOARD OF LICENSED ELECTRICIANS. TO BE COMPLETED WITHIN 3 HOURS WITH EACH STEP JUDGED SATISFACTORY OR UNSATISFACTORY

( ) 3.02 WITH EACH CONDUCTOR SHOWN, COLOR LABELED, INDICATED HOT OR NEUTRAL AND APPLICABLE VOLTAGES

( ) 3.03 TO THE EXTENT THAT THE JOB CAN BE DONE PROPERLY IN THE MOST ECONOMICAL WAY

( ) 3.04 TO CONFORM TO NEC STANDARDS AND VERBAL INSTRUCTIONS

( ) 3.05 TO CONFORM TO NEC STANDARDS

( ) 3.06 TO CONFORM TO NEC STANDARDS

( ) 3.07 TO CONFORM TO NEC STANDARDS. CABLES OR CONDUITS SHALL BE PROPERLY SUPPORTED AND SECURED

( ) 3.08 TO CONFORM TO NEC STANDARDS

( ) 3.09 TO CONFORM TO NEC STANDARDS

( ) 3.10 TO CONFORM TO NEC STANDARDS

( ) 3.11 TO CONFORM TO NEC STANDARDS

( ) 3.12 CIRCUIT OPERATES PROPERLY

MISOE NO. _____

PROGRAM ELECTRICAL

USOE CODE NO(S) _____

DIVISION 06 MACHINES

UNIT 03 POLYPHASE

TERMOB NO. 12-044 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 06 MACHINES

UNIT 03 POLYPHASE

TERMOB NO. 12-045

1.00 CONDITION

( ) 1.01 VERBAL INSTRUCTIONS AS TO LOCATIONS, CONDITIONS AND SPECIFICATIONS OF THE CIRCUIT
( ) 1.02 NON-METALLIC SHEATHED CABLE
( ) 1.03 METAL CLAD CABLE
( ) 1.04 RIGID CONDUIT
( ) 1.05 FLEXIBLE CONDUIT
( ) 1.06 ELECTRICAL METALLIC TUBING
( ) 1.07 THREE PHASE SQUIRREL-CAGE MOTOR
( ) 1.08 CONTROL COMPONENTS (START-STOP STATION, CONTACTORS, OVERLOAD DEVICES, ETC.)
( ) 1.09 JOGGING BUTTONS AND CONTACTS
( ) 1.10 MASTER CONTROLLER COMPONENTS (MASTER, RESISTORS, RELAYS)
( ) 1.11 VOLTAGE SUPPLY
( ) 1.12 SERVICE PANEL
( ) 1.13 ASSOCIATED HARDWARE AS NEEDED
( ) 1.14 APPLICABLE SERVICE MANUALS
( ) 1.15 ELECTRICIAN'S BASIC TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL A THREE-PHASE INDUCTION MOTOR CONTROLLED BY ONE OR MORE START-JOG-STOP STATIONS EMPLOYING THE FOLLOWING PROCEDURE:

( ) 2.02 SKETCH WIRING DIAGRAM
( ) 2.03 SELECT PROPER MATERIALS AND SUPPLIES FOR THE JOB
( ) 2.04 MARK AND PREPARE OUTLET LOCATIONS
( ) 2.05 FASTEN BOXES AND FUSE PANEL IN PLACE
( ) 2.06 BORE HOLES WHERE NECESSARY FOR RUNNING OF CABLE OR CONDUIT
( ) 2.07 RUN CABLE OR CONDUIT
( ) 2.08 SECURE CABLE OR CONDUIT TO BOXES
( ) 2.09 PULL WIRE THROUGH CONDUIT
( ) 2.10 MAKE SPLICES AND PROPER CONNECTIONS TO BOXES AND FIXTURES
( ) 2.11 RUN CIRCUIT INTO SERVICE PANEL
( ) 2.12 DEMONSTRATE PROPER OPERATION OF THE CIRCUIT

MISOE NO. _____

PROGRAM ELECTRICAL

USOE CODE NO(S) _____

DIVISION 06 MACHINES

UNIT 03 POLYPHASE

TERMOB NO. 12-045

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 06 MACHINES

UNIT 03 POLYPHASE

TERMOB NO. 12-045 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 CIRCUIT CONFORMS TO NEC AND OPERATES PROPERLY TO THE APPROVAL OF A BOARD OF LICENSED ELECTRICIANS. TO BE COMPLETED WITHIN 3 HOURS WITH EACH STEP JUDGED SATISFACTORY OR UNSATISFACTORY

( ) 3.02 WITH EACH CONDUCTOR SHOWN, COLOR LABELED, INDICATED HOT OR NEUTRAL AND APPLICABLE VOLTAGES

( ) 3.03 TO THE EXTENT THAT THE JOB CAN BE DONE PROPERLY IN THE MOST ECONOMICAL WAY

( ) 3.04 TO CONFORM TO NEC STANDARDS AND VERBAL INSTRUCTIONS

( ) 3.05 TO CONFORM TO NEC STANDARDS

( ) 3.06 TO CONFORM TO NEC STANDARDS

( ) 3.07 TO CONFORM TO NEC STANDARDS. CABLES OR CONDUITS SHALL BE PROPERLY SUPPORTED AND SECURED

( ) 3.08 TO CONFORM TO NEC STANDARDS

( ) 3.09 TO CONFORM TO NEC STANDARDS

( ) 3.10 TO CONFORM TO NEC STANDARDS

( ) 3.11 TO CONFORM TO NEC STANDARDS

( ) 3.12 CIRCUIT OPERATES PROPERLY

MISOE NO. _____

PROGRAM ELECTRICAL

USOE CODE NO.(S) _____

DIVISION 06 MACHINES

UNIT 03 POLYPHASE

TERMOB NO. 12-045 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 06 MACHINES

UNIT 03 POLYPHASE

TERMOB NO. 12-046

1.00 CONDITION

( ) 1.01 VERBAL INSTRUCTIONS AS TO LOCATIONS, CONDITIONS AND SPECIFICATIONS OF THE CIRCUIT
( ) 1.02 RIGID CONDUIT
( ) 1.03 FLEXIBLE CONDUIT
( ) 1.04 ELECTRICAL METALLIC TUBING
( ) 1.05 3 PHASE WOUND ROTOR MOTOR
( ) 1.06 MANUAL STARTER COMPONENTS (START-STOP STATION, CONTACTORS OVERLOAD DEVICES)
( ) 1.07 MASTER CONTROL COMPONENTS (MASTER, RESISTORS, RELAYS, ETC.)
( ) 1.08 VOLTAGE SUPPLY
( ) 1.09 SERVICE PANEL
( ) 1.10 ASSOCIATED HARDWARE AS NEEDED
( ) 1.11 APPLICABLE SERVICE MANUALS
( ) 1.12 ELECTRICIAN'S BASIC TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 INSTALL A 3 PHASE WOUND ROTOR MOTOR EMPLOYING THE FOLLOWING PROCEDURE:

( ) 2.02 SKETCH WIRING DIAGRAM
( ) 2.03 SELECT PROPER MATERIALS AND SUPPLIES FOR THE JOB
( ) 2.04 MARK AND PREPARE OUTLET LOCATIONS
( ) 2.05 FASTEN BOXES AND FUSE PANEL IN PLACE
( ) 2.06 BORE HOLES WHERE NECESSARY FOR RUNNING OF CABLE OR CONDUIT
( ) 2.07 RUN CABLE OR CONDUIT
( ) 2.08 SECURE CABLE OR CONDUIT TO BOXES
( ) 2.09 PULL WIRE THROUGH CONDUIT
( ) 2.10 MAKE SPLICES AND PROPER CONNECTIONS TO BOXES AND FIXTURES
( ) 2.11 RUN CIRCUIT INTO SERVICE PANEL
( ) 2.12 DEMONSTRATE PROPER OPERATION OF THE CIRCUIT

MISOE NO. _____

PROGRAM ELECTRICAL

USOE CODE NO(S) _____

DIVISION 06 MACHINES

UNIT 03 POLYPHASE

TERMOB NO. 12-046

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 06 MACHINES

UNIT 03 POLYPHASE

TERMOB NO. 12-046 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 CIRCUIT CONFORMS TO NEC AND OPERATES PROPERLY TO THE APPROVAL OF A BOARD OF LICENSED ELECTRICIANS. TO BE COMPLETED WITHIN 3 HOURS WITH EACH STEP JUDGED SATISFACTORY OR UNSATISFACTORY

( ) 3.02 WITH EACH CONDUCTOR SHOWN, COLOR LABELED, INDICATED HOT OR NEUTRAL AND APPLICABLE VOLTAGES

( ) 3.03 TO THE EXTENT THAT THE JOB CAN BE DONE PROPERLY IN THE MOST ECONOMICAL WAY

( ) 3.04 TO CONFORM TO NEC STANDARDS AND VERBAL INSTRUCTIONS

( ) 3.05 TO CONFORM TO NEC STANDARDS

( ) 3.06 TO CONFORM TO NEC STANDARDS

( ) 3.07 TO CONFORM TO NEC STANDARDS. CABLES OR CONDUITS SHALL BE PROPERLY SUPPORTED AND SECURED

( ) 3.08 TO CONFORM TO NEC STANDARDS

( ) 3.09 TO CONFORM TO NEC STANDARDS

( ) 3.10 TO CONFORM TO NEC STANDARDS

( ) 3.11 TO CONFORM TO NEC STANDARDS

( ) 3.12 CIRCUIT OPERATES PROPERLY

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 06 MACHINES

USOE CODE NO(S) _____

UNIT 03 POLYPHASE

TERMOB NO. 12-046 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 06 MACHINES

UNIT 03 POLYPHASE

TERMOB NO. 12-047

1.00 CONDITION

( ) 1.01 VERBAL INSTRUCTIONS AS TO LOCATIONS, CONDITIONS AND SPECIFICATIONS OF CIRCUIT
( ) 1.02 RIGID CONDUIT
( ) 1.03 FLEXIBLE CONDUIT
( ) 1.04 ELECTRICAL METALLIC TUBING
( ) 1.05 THREE PHASE SQUIRREL-CAGE MOTOR
( ) 1.06 REQUIRED CONTROL COMPONENTS (MASTER, COMPENSATOR, RELAYS, ETC.)
( ) 1.07 VOLTAGE SUPPLY
( ) 1.08 SERVICE PANEL
( ) 1.09 APPLICABLE SERVICE MANUALS
( ) 1.10 ASSOCIATED HARDWARE AS NEEDED
( ) 1.11 ELECTRICIAN'S BASIC TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL A THREE PHASE INDUCTION MOTOR CONTROLLED BY A CONTROL CIRCUIT COMPOSED OF A CONTROLLER AND A COMPENSATOR EMPLOYING THE FOLLOWING PROCEDURE:

( ) 2.02 SKETCH WIRING DIAGRAM
( ) 2.03 SELECT PROPER MATERIALS AND SUPPLIES FOR THE JOB
( ) 2.04 MARK AND PREPARE OUTLET LOCATIONS
( ) 2.05 FASTEN BOXES AND FUSE PANEL (IF NECESSARY) IN PLACE
( ) 2.06 BORE HOLES WHERE NECESSARY FOR RUNNING OF CABLE OR CONDUIT
( ) 2.07 RUN CABLE OR CONDUIT
( ) 2.08 SECURE CABLE OR CONDUIT TO BOXES
( ) 2.09 PULL WIRE THROUGH CONDUIT
( ) 2.10 MAKE SPLICES AND PROPER CONNECTIONS TO BOXES AND FIXTURES
( ) 2.11 RUN CIRCUIT INTO SERVICE PANEL
( ) 2.12 DEMONSTRATE PROPER OPERATION OF THE CIRCUIT

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 06 MACHINES

USOE CODE NO(S) _____

UNIT 03 POLYPHASE

TERMOB NO. 12-047

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 06 MACHINES

UNIT 03 POLYPHASE

TERMOB NO. 12-047 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 2.01 CIRCUIT CONFORMS TO NEC AND OPERATES PROPERLY TO THE APPROVAL OF A BOARD OF LICENSED ELECTRICIANS. TO BE COMPLETED WITHIN 3 HOURS WITH EACH STEP JUDGED SATISFACTORY OR UNSATISFACTORY

( ) 3.02 WITH EACH CONDUCTOR SHOWN, COLOR LABELED, INDICATED HOT OR NEUTRAL AND APPLICABLE VOLTAGES

( ) 3.03 TO THE EXTENT THAT THE JOB CAN BE DONE PROPERLY IN THE MOST ECONOMICAL WAY

( ) 3.04 TO CONFORM TO NEC STANDARDS AND VERBAL INSTRUCTIONS

( ) 3.05 TO CONFORM TO NEC STANDARDS

( ) 3.06 TO CONFORM TO NEC STANDARDS

( ) 3.07 TO CONFORM TO NEC STANDARDS. CABLES OR CONDUITS SHALL BE PROPERLY SUPPORTED AND SECURED

( ) 3.08 TO CONFORM TO NEC STANDARDS

( ) 3.09 TO CONFORM TO NEC STANDARDS

( ) 3.10 TO CONFORM TO NEC STANDARDS

( ) 3.11 TO CONFORM TO NEC STANDARDS

( ) 3.12 CIRCUIT OPERATES PROPERLY

MISOE NO. _____

PROGRAM ELECTRICAL

USOE CODE NO(S) _____

DIVISION 04 MACHINES

UNIT 03 POLYPHASE

TERMOB NO. 12-047 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 06 MACHINES

UNIT 04 GENERATORS

TERMOB NO. 12-048

1.00 CONDITION

( ) 1.01 VERBAL INSTRUCTIONS AS TO LOCATIONS, CONDITIONS AND SPECIFICATIONS OF CIRCUIT
( ) 1.02 RIGID CONDUIT
( ) 1.03 METAL CLAD CABLE
( ) 1.04 FLEXIBLE CONDUIT
( ) 1.05 ELECTRICAL METALLIC TUBING
( ) 1.06 DC COMPOUND GENERATOR
( ) 1.07 FIELD RHEOSTAT
( ) 1.08 MECHANICAL ENERGY SOURCE
( ) 1.09 APPROPRIATE MECHANICAL DRIVETRAIN (GEARS, BELT, ETC.)
( ) 1.10 VOLTAGE SUPPLY
( ) 1.11 APPROPRIATE LOADS
( ) 1.12 ASSOCIATED HARDWARE AS NEEDED
( ) 1.13 ELECTRICIAN'S BASIC TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 INSTALL A DC SHUNT GENERATOR EMPLOYING THE FOLLOWING PROCEDURE:

( ) 2.02 SKETCH WIRING DIAGRAM
( ) 2.03 SELECT PROPER MATERIALS AND SUPPLIES FOR THE JOB
( ) 2.04 FASTEN EQUIPMENT AND BOXES IN PLACE
( ) 2.05 RUN CABLE OR CONDUIT
( ) 2.06 SECURE CABLE OR CONDUIT TO BOXES
( ) 2.07 PULL WIRE THROUGH CONDUIT
( ) 2.08 MAKE SPLICES AND PROPER CONNECTIONS TO BOXES AND EQUIPMENT
( ) 2.09 CONNECT MECHANICAL POWER SOURCE TO GENERATOR
( ) 2.10 CONNECT LOAD(S) AS REQUIRED
( ) 2.11 DEMONSTRATE PROPER OPERATION OF CIRCUIT

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 CIRCUIT CONFORMS TO NEC AND OPERATES PROPERLY TO THE APPROVAL OF A BOARD OF LICENSED ELECTRICIANS; TO BE COMPLETED WITHIN 3 HOURS WITH EACH STEP JUDGED SATISFACTORY OR UNSATISFACTORY

( ) 3.02 WITH EACH CONDUCTOR SHOWN, COLOR LABELED, INDICATED HOT OR NEUTRAL AND APPLICABLE VOLTAGES
( ) 3.03 TO THE EXTENT THAT THE JOB CAN BE DONE PROPERLY IN

( ) 1.01 VERBAL INSTRUCTIONS AS TO LOCATIONS, CONDITIONS AND SPECIFICATIONS OF CIRCUIT
( ) 1.02 RIGID CONDUIT
( ) 1.03 METAL CLAD CABLE
( ) 1.04 FLEXIBLE CONDUIT
( ) 1.05 ELECTRICAL METALLIC TUBING
( ) 1.06 DC COMPOUND GENERATOR
( ) 1.07 FIELD RHEOSTAT
( ) 1.08 MECHANICAL ENERGY SOURCE
( ) 1.09 APPROPRIATE MECHANICAL DRIVETRAIN (GEARS, BELT, ETC.)
( ) 1.10 VOLTAGE SUPPLY
( ) 1.11 APPROPRIATE LOADS
( ) 1.12 ASSOCIATED HARDWARE AS NEEDED
( ) 1.13 ELECTRICIAN'S BASIC TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL A DC SHUNT GENERATOR EMPLOYING THE FOLLOWING PROCEDURE:

( ) 2.02 SKETCH WIRING DIAGRAM
( ) 2.03 SELECT PROPER MATERIALS AND SUPPLIES FOR THE JOB
( ) 2.04 FASTEN EQUIPMENT AND BOXES IN PLACE
( ) 2.05 RUN CABLE OR CONDUIT
( ) 2.06 SECURE CABLE OR CONDUIT TO BOXES
( ) 2.07 PULL WIRE THROUGH CONDUIT
( ) 2.08 MAKE SPLICES AND PROPER CONNECTIONS TO BOXES AND EQUIPMENT
( ) 2.09 CONNECT MECHANICAL POWER SOURCE TO GENERATOR
( ) 2.10 CONNECT LOAD(S) AS REQUIRED
( ) 2.11 DEMONSTRATE PROPER OPERATION OF CIRCUIT

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 CIRCUIT CONFORMS TO NEC AND OPERATES PROPERLY TO THE APPROVAL OF A BOARD OF LICENSED ELECTRICIANS. TO BE COMPLETED WITHIN 3 HOURS WITH EACH STEP JUDGED SATISFACTORY OR UNSATISFACTORY

( ) 3.02 WITH EACH CONDUCTOR SHOWN, COLOR LABELED, INDICATED HOT OR NEUTRAL AND APPLICABLE VOLTAGES
( ) 3.03 TO THE EXTENT THAT THE JOB CAN BE DONE PROPERLY IN THE MOST ECONOMICAL WAY
( ) 3.04 TO CONFORM TO NEC STANDARDS AND VERBAL INSTRUCTIONS
( ) 3.05 TO CONFORM TO NEC STANDARDS
( ) 3.06 TO CONFORM TO NEC STANDARDS
( ) 3.07 TO CONFORM TO NEC STANDARDS. CABLES OR CONDUITS SHALL BE PROPERLY SUPPORTED AND SECURED
( ) 3.08 TO CONFORM TO NEC STANDARDS
( ) 3.09 OBSERVING STANDARD SAFETY PRECAUTIONS
( ) 3.10 TO CONFORM TO NEC STANDARDS
( ) 3.11 IN ACCORDANCE WITH VERBAL CONDITIONS AND SPECIFICATIONS

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 06 MACHINES

USOE CODE NO(S) _____

UNIT 04 GENERATORS

TERMOB NO. 12-048

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 06 MACHINES

UNIT 04 GENERATORS

TERMOB NO. 12-049

1.00 CONDITION

( ) 1.01 VERBAL INSTRUCTIONS AS TO LOCATIONS, CONDITIONS AND SPECIFICATIONS OF CIRCUIT
( ) 1.02 RIGID CONDUIT
( ) 1.03 METAL CLAD CABLE
( ) 1.04 FLEXIBLE CONDUIT
( ) 1.05 ELECTRICAL METALLIC TUBING
( ) 1.06 DC COMPOUND GENERATOR(S)
( ) 1.07 FIELD RHEOSTAT
( ) 1.08 MECHANICAL ENERGY SOURCE
( ) 1.09 APPROPRIATE MECHANICAL DRIVETRAIN (GEARS, BELT, ETC.)
( ) 1.10 VOLTAGE SUPPLY
( ) 1.11 APPROPRIATE LOADS
( ) 1.12 ASSOCIATED HARDWARE AS NEEDED
( ) 1.13 ELECTRICIAN'S BASIC TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL A DC COMPOUND GENERATOR EMPLOYING THE FOLLOWING PROCEDURE:

( ) 2.02 SKETCH WIRING DIAGRAM
( ) 2.03 SELECT PROPER MATERIALS AND SUPPLIES FOR THE JOB
( ) 2.04 FASTEN EQUIPMENT AND BOXES IN PLACE
( ) 2.05 RUN CABLE OR CONDUIT
( ) 2.06 SECURE CABLE OR CONDUIT TO BOXES
( ) 2.07 PULL WIRE THROUGH CONDUIT
( ) 2.08 MAKE SPLICES AND PROPER CONNECTIONS TO BOXES AND EQUIPMENT
( ) 2.09 CONNECT MECHANICAL POWER SOURCE TO GENERATOR
( ) 2.10 DEMONSTRATE PROPER OPERATION OF CIRCUIT

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 CIRCUIT CONFORMS TO NEC AND OPERATES PROPERLY TO THE APPROVAL OF A BOARD OF LICENSED ELECTRICIANS. TO BE COMPLETED WITHIN 3 HOURS WITH EACH STEP JUDGED SATISFACTORY OR UNSATISFACTORY

( ) 3.02 WITH EACH CONDUCTOR SHOWN, COLOR LABELED; INDICATED HOT OR NEUTRAL AND APPLICABLE VOLTAGES
( ) 3.03 TO THE EXTENT THAT THE JOB CAN BE DONE PROPERLY IN THE MOST ECONOMICAL WAY

( ) 1.01 VERBAL INSTRUCTIONS AS TO LOCATIONS, CONDITIONS AND SPECIFICATIONS OF CIRCUIT
( ) 1.02 RIGID CONDUIT
( ) 1.03 METAL CLAD CABLE
( ) 1.04 FLEXIBLE CONDUIT
( ) 1.05 ELECTRICAL METALLIC TUBING
( ) 1.06 DC COMPOUND GENERATOR(S)
( ) 1.07 FIELD RHEOSTAT
( ) 1.08 MECHANICAL ENERGY SOURCE
( ) 1.09 APPROPRIATE MECHANICAL DRIVETRAIN (GEARS, BELT, ETC.)
( ) 1.10 VOLTAGE SUPPLY
( ) 1.11 APPROPRIATE LOADS
( ) 1.12 ASSOCIATED HARDWARE AS NEEDED
( ) 1.13 ELECTRICIAN'S BASIC TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL A DC COMPOUND GENERATOR EMPLOYING THE FOLLOWING PROCEDURE:

( ) 2.02 SKETCH WIRING DIAGRAM
( ) 2.03 SELECT PROPER MATERIALS AND SUPPLIES FOR THE JOB
( ) 2.04 FASTEN EQUIPMENT AND BOXES IN PLACE
( ) 2.05 RUN CABLE OR CONDUIT
( ) 2.06 SECURE CABLE OR CONDUIT TO BOXES
( ) 2.07 PULL WIRE THROUGH CONDUIT
( ) 2.08 MAKE SPLICES AND PROPER CONNECTIONS TO BOXES AND EQUIPMENT
( ) 2.09 CONNECT MECHANICAL POWER SOURCE TO GENERATOR
( ) 2.10 DEMONSTRATE PROPER OPERATION OF CIRCUIT

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 CIRCUIT CONFORMS TO NEC AND OPERATES PROPERLY TO THE APPROVAL OF A BOARD OF LICENSED ELECTRICIANS. TO BE COMPLETED WITHIN 3 HOURS WITH EACH STEP JUDGED SATISFACTORY OR UNSATISFACTORY

( ) 3.02 WITH EACH CONDUCTOR SHOWN, COLOR LABELED, INDICATED HOT OR NEUTRAL AND APPLICABLE VOLTAGES
( ) 3.03 TO THE EXTENT THAT THE JOB CAN BE DONE PROPERLY IN THE MOST ECONOMICAL WAY
( ) 3.04 TO CONFORM TO NEC STANDARDS AND VERBAL INSTRUCTIONS
( ) 3.05 TO CONFORM TO NEC STANDARDS
( ) 3.06 TO CONFORM TO NEC STANDARDS
( ) 3.07 TO CONFORM TO NEC STANDARDS. CABLES OR CONDUITS SHALL BE PROPERLY SUPPORTED AND SECURED
( ) 3.08 TO CONFORM TO NEC STANDARDS
( ) 3.09 OBSERVING STANDARD SAFETY PRECAUTIONS
( ) 3.10 TO CONFORM TO NEC STANDARDS

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 06 MACHINES

USOE CODE NO(S) _____

UNIT 04 GENERATORS

TERMOB NO. 12-049

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 06 MACHINES

UNIT 05 ALTERNATORS

TERMOB NO. 12-050

1.00 CONDITION

( ) 1.01 VERBAL INSTRUCTIONS AS TO LOCATIONS, CONDITIONS AND SPECIFICATIONS OF CIRCUIT
( ) 1.02 RIGID CONDUIT
( ) 1.03 METAL CLAD CABLE
( ) 1.04 FLEXIBLE CONDUIT
( ) 1.05 ELECTRICAL METALLIC TUBING
( ) 1.06 4 POLE 3 PHASE AC GENERATOR(S)
( ) 1.07 MECHANICAL ENERGY SOURCE
( ) 1.08 APPROPRIATE MECHANICAL DRIVETRAIN (GEARS, BELT ETC.)
( ) 1.09 ASSOCIATED HARDWARE AS NEEDED
( ) 1.10 APPROPRIATE LOADS
( ) 1.11 ELECTRICIAN'S BASIC TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 INSTALL A 4 POLE 3 PHASE AC GENERATOR EMPLOYING THE FOLLOWING PROCEDURE:

( ) 2.02 SKETCH WIRING DIAGRAM
( ) 2.03 SELECT PROPER MATERIALS AND SUPPLIES FOR THE JOB
( ) 2.04 FASTEN EQUIPMENT AND BOXES IN PLACE
( ) 2.05 RUN CABLE OR CONDUIT
( ) 2.06 SECURE CABLE OR CONDUIT TO BOXES
( ) 2.07 PULL WIRE THROUGH CONDUIT
( ) 2.08 MAKE SPLICES AND PROPER CONNECTIONS TO BOXES AND EQUIPMENT
( ) 2.09 CONNECT MECHANICAL POWER SOURCE TO GENERATORS
( ) 2.10 CONNECT LOAD(S) AS REQUIRED
( ) 2.11 DEMONSTRATE PROPER OPERATION OF CIRCUIT

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 CIRCUIT CONFORMS TO NEC AND OPERATES PROPERLY TO THE APPROVAL OF A BOARD OF LICENSED ELECTRICIANS. TO BE COMPLETED WITHIN 3 HOURS WITH EACH STEP JUDGED SATISFACTORY OR UNSATISFACTORY

( ) 3.02 WITH EACH CONDUCTOR SHOWN, COLOR LABELED, INDICATED HOT OR NEUTRAL AND APPLICABLE VOLTAGES
( ) 3.03 TO THE EXTENT THAT THE JOB CAN BE DONE PROPERLY IN THE MOST ECONOMICAL WAY
( ) 3.04 TO CONFORM TO NEC STANDARDS AND VERBAL INSTRUCTIONS
( ) 3.05 TO CONFORM TO NEC STANDARDS

( ) 1.01 VERBAL INSTRUCTIONS AS TO LOCATIONS, CONDITIONS AND SPECIFICATIONS OF CIRCUIT
( ) 1.02 RIGID CONDUIT
( ) 1.03 METAL CLAD CABLE
( ) 1.04 FLEXIBLE CONDUIT
( ) 1.05 ELECTRICAL METALLIC TUBING
( ) 1.06 4 POLE 3 PHASE AC GENERATOR(S)
( ) 1.07 MECHANICAL ENERGY SOURCE
( ) 1.08 APPROPRIATE MECHANICAL DRIVETRAIN (GEARS, BELT ETC.)
( ) 1.09 ASSOCIATED HARDWARE AS NEEDED
( ) 1.10 APPROPRIATE LOADS
( ) 1.11 ELECTRICIAN'S BASIC TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL A 4 POLE 3 PHASE AC GENERATOR EMPLOYING THE FOLLOWING PROCEDURE:

( ) 2.02 SKETCH WIRING DIAGRAM
( ) 2.03 SELECT PROPER MATERIALS AND SUPPLIES FOR THE JOB
( ) 2.04 FASTEN EQUIPMENT AND BOXES IN PLACE
( ) 2.05 RUN CABLE OR CONDUIT
( ) 2.06 SECURE CABLE OR CONDUIT TO BOXES
( ) 2.07 PULL WIRE THROUGH CONDUIT
( ) 2.08 MAKE SPLICES AND PROPER CONNECTIONS TO BOXES AND EQUIPMENT
( ) 2.09 CONNECT MECHANICAL POWER SOURCE TO GENERATORS
( ) 2.10 CONNECT LOAD(S) AS REQUIRED
( ) 2.11 DEMONSTRATE PROPER OPERATION OF CIRCUIT

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 CIRCUIT CONFORMS TO NEC AND OPERATES PROPERLY TO THE APPROVAL OF A BOARD OF LICENSED ELECTRICIANS. TO BE COMPLETED WITHIN 3 HOURS WITH EACH STEP JUDGED SATISFACTORY OR UNSATISFACTORY

( ) 3.02 WITH EACH CONDUCTOR SHOWN, COLOR LABELED, INDICATED HOT OR NEUTRAL AND APPLICABLE VOLTAGES
( ) 3.03 TO THE EXTENT THAT THE JOB CAN BE DONE PROPERLY IN THE MOST ECONOMICAL WAY
( ) 3.04 TO CONFORM TO NEC STANDARDS AND VERBAL INSTRUCTIONS
( ) 3.05 TO CONFORM TO NEC STANDARDS
( ) 3.06 TO CONFORM TO NEC STANDARDS
( ) 3.07 TO CONFORM TO NEC STANDARDS. CABLES OR CONDUITS SHALL BE PROPERLY SUPPORTED AND SECURED
( ) 3.08 TO CONFORM TO NEC STANDARDS
( ) 3.09 OBSERVING STANDARD SAFETY PRECAUTIONS
( ) 3.10 TO CONFORM TO NEC STANDARDS
( ) 3.11 CIRCUIT OPERATES PROPERLY

MISOE NO. _____

PROGRAM ELECTRICAL

USOE CODE NO(S) _____

DIVISION 06 MACHINES

UNIT 05 ALTERNATORS

TERMOB NO. 12-050

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 06 MACHINES

UNIT 05 ALTERNATORS

TERMOB NO. 12-051

1.00 CONDITION

( ) 1.01 VERBAL INSTRUCTIONS AS TO LOCATIONS, CONDITIONS AND SPECIFICATIONS OF THE CIRCUIT
( ) 1.02 RIGID CONDUIT
( ) 1.03 METAL CLAD CABLE
( ) 1.04 FLEXIBLE CONDUIT
( ) 1.05 ELECTRICAL METALLIC TUBING
( ) 1.06 ALTERNATOR(S)
( ) 1.07 SYNCHROSCOPE OR SYNCHRO LIGHTS
( ) 1.08 MECHANICAL ENERGY SOURCE
( ) 1.09 APPROPRIATE MECHANICAL DRIVETRAIN (GEARS, BELT, ETC.)
( ) 1.10 ASSOCIATED HARDWARE AS NEEDED
( ) 1.11 APPROPRIATE LOADS
( ) 1.12 ELECTRICIAN'S BASIC TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 CONNECT AND PARALLEL POLYPHASE ALTERNATORS EMPLOYING THE FOLLOWING PROCEDURE:

( ) 2.02 SKETCH WIRING DIAGRAM
( ) 2.03 SELECT PROPER MATERIALS AND SUPPLIES FOR THE JOB
( ) 2.04 FASTEN EQUIPMENT AND BOXES IN PLACE
( ) 2.05 RUN CABLE OR CONDUIT
( ) 2.06 SECURE CABLE OR CONDUIT TO BOXES
( ) 2.07 PULL WIRE THROUGH CONDUIT
( ) 2.08 MAKE SPLICES AND PROPER CONNECTIONS TO BOXES AND EQUIPMENT
( ) 2.09 CONNECT MECHANICAL POWER SOURCE TO GENERATORS
( ) 2.10 CONNECT LOAD(S) AS REQUIRED
( ) 2.11 DEMONSTRATE PROPER OPERATION OF CIRCUIT

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 CIRCUIT CONFORMS TO NEC AND OPERATES PROPERLY TO THE APPROVAL OF A BOARD OF LICENSED ELECTRICIANS. TO BE COMPLETED WITHIN 3 HOURS WITH EACH STEP JUDGED SATISFACTORY OR UNSATISFACTORY

( ) 3.02 WITH EACH CONDUCTOR SHOWN, COLOR LABELED, INDICATED HOT OR NEUTRAL AND APPLICABLE VOLTAGES
( ) 3.03 TO THE EXTENT THAT THE JOB CAN BE DONE PROPERLY IN THE MOST ECONOMICAL WAY

1.00 CONDITION

( ) 1.01 VERBAL INSTRUCTIONS AS TO LOCATIONS, CONDITIONS AND SPECIFICATIONS OF THE CIRCUIT
( ) 1.02 RIGID CONDUIT
( ) 1.03 METAL CLAD CABLE
( ) 1.04 FLEXIBLE CONDUIT
( ) 1.05 ELECTRICAL METALLIC TUBING
( ) 1.06 ALTERNATOR(S)
( ) 1.07 SYNCHROSCOPE OR SYNCHRO LIGHTS
( ) 1.08 MECHANICAL ENERGY SOURCE
( ) 1.09 APPROPRIATE MECHANICAL DRIVETRAIN (GEARS, BELT, ETC.)
( ) 1.10 ASSOCIATED HARDWARE AS NEEDED
( ) 1.11 APPROPRIATE LOADS
( ) 1.12 ELECTRICIAN'S BASIC TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 CONNECT AND PARALLEL POLYPHASE ALTERNATORS EMPLOYING THE FOLLOWING PROCEDURE:

( ) 2.02 SKETCH WIRING DIAGRAM
( ) 2.03 SELECT PROPER MATERIALS AND SUPPLIES FOR THE JOB
( ) 2.04 FASTEN EQUIPMENT AND BOXES IN PLACE
( ) 2.05 RUN CABLE OR CONDUIT
( ) 2.06 SECURE CABLE OR CONDUIT TO BOXES
( ) 2.07 PULL WIRE THROUGH CONDUIT
( ) 2.08 MAKE SPLICES AND PROPER CONNECTIONS TO BOXES AND EQUIPMENT
( ) 2.09 CONNECT MECHANICAL POWER SOURCE TO GENERATORS
( ) 2.10 CONNECT LOAD(S) AS REQUIRED
( ) 2.11 DEMONSTRATE PROPER OPERATION OF CIRCUIT

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 CIRCUIT CONFORMS TO NEC AND OPERATES PROPERLY TO THE APPROVAL OF A BOARD OF LICENSED ELECTRICIANS. TO BE COMPLETED WITHIN 3 HOURS WITH EACH STEP JUDGED SATISFACTORY OR UNSATISFACTORY

( ) 3.02 WITH EACH CONDUCTOR SHOWN, COLOR LABELED, INDICATED HOT OR NEUTRAL AND APPLICABLE VOLTAGES
( ) 3.03 TO THE EXTENT THAT THE JOB CAN BE DONE PROPERLY IN THE MOST ECONOMICAL WAY
( ) 3.04 TO CONFORM TO NEC STANDARDS AND VERBAL INSTRUCTIONS
( ) 3.05 TO CONFORM TO NEC STANDARDS
( ) 3.06 TO CONFORM TO NEC STANDARDS
( ) 3.07 TO CONFORM TO NEC STANDARDS. CABLES OR CONDUITS SHALL BE PROPERLY SUPPORTED AND SECURED
( ) 3.08 TO CONFORM TO NEC STANDARDS
( ) 3.09 OBSERVING STANDARD SAFETY PRECAUTIONS
( ) 3.10 TO CONFORM TO NEC STANDARDS
( ) 3.11 IN ACCORDANCE WITH VERBAL CONDITIONS AND SPECIFICATIONS

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PROGRAM ELECTRICAL

USOE CODE NO(S) _____

DIVISION 06 MACHINES

UNIT 05 ALTERNATORS

TERMOB NO. 12-051

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____ 215

PROGRAM ELECTRICAL

DIVISION 07 SERVICES

UNIT 01 SINGLE PHASE

TERMOB NO. 12-052

1.00 CONDITION

( ) 1.01 VERBAL INSTRUCTIONS AS TO LOCATIONS, CONDITIONS AND SPECIFICATIONS OF CIRCUIT
( ) 1.02 RIGID METAL CONDUIT
( ) 1.03 SERVICE ENTRY CABLE AND HEAD
( ) 1.04 GROUNDING CONDUCTOR
( ) 1.05 WATER SUPPLY SYSTEM
( ) 1.06 THREE WIRE 115/230 VOLT FEEDER CIRCUIT
( ) 1.07 SERVICE PANEL
( ) 1.08 ASSOCIATED HARDWARE AS NEEDED
( ) 1.09 ELECTRICIAN'S BASIC TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 INSTALL A SINGLE PHASE 100 AMP SERVICE EMPLOYING THE FOLLOWING PROCEDURE:

( ) 2.02 SKETCH WIRING DIAGRAM
( ) 2.03 SELECT PROPER MATERIALS AND SUPPLIES FOR THE JOB
( ) 2.04 MARK AND PREPARE OUTLET LOCATIONS
( ) 2.05 ANCHOR SERVICE PANEL IN PLACE
( ) 2.06 INSTALL CONDUIT/SILL PLATE
( ) 2.07 PREPARE AND RUN SERVICE WIRES
( ) 2.08 INSTALL GROUNDING SYSTEM
( ) 2.09 CONNECT SERVICE PANEL
( ) 2.10 DEMONSTRATE PROPER OPERATION OF CIRCUIT

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 CIRCUIT CONFORMS TO NEC AND LOCAL POWER COMPANY REGULATIONS AND OPERATES PROPERLY TO THE APPROVAL OF A BOARD OF LICENSED ELECTRICIANS. TO BE COMPLETED WITHIN 6 HOURS WITH EACH STEP JUDGED SATISFACTORY OR UNSATISFACTORY

( ) 3.02 WITH EACH CONDUCTOR SHOWN, COLOR LABELED, INDICATED HOT OR NEUTRAL AND APPLICABLE VOLTAGES
( ) 3.03 TO THE EXTENT THAT THE JOB CAN BE DONE PROPERLY IN THE MOST ECONOMICAL WAY
( ) 3.04 TO CONFORM TO NEC STANDARDS AND VERBAL INSTRUCTIONS
( ) 3.05 TO CONFORM TO NEC STANDARDS
( ) 3.06 TO CONFORM TO NEC STANDARDS. CABLES OR CONDUITS SHALL BE PROPERLY SUPPORTED AND SECURED

SPECIFICATIONS OF CIRCUIT .

( ) 1.02 RIGID METAL CONDUIT
( ) 1.03 SERVICE ENTRY CABLE AND HEAD
( ) 1.04 GROUNDING CONDUCTOR
( ) 1.05 WATER SUPPLY SYSTEM
( ) 1.06 THREE WIRE 115/230 VOLT FEEDER CIRCUIT
( ) 1.07 SERVICE PANEL
( ) 1.08 ASSOCIATED HARDWARE AS NEEDED
( ) 1.09 ELECTRICIAN'S BASIC TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL A SINGLE PHASE 100 AMP SERVICE EMPLOYING THE FOLLOWING PROCEDURE:

( ) 2.02 SKETCH WIRING DIAGRAM
( ) 2.03 SELECT PROPER MATERIALS AND SUPPLIES FOR THE JOB
( ) 2.04 MARK AND PREPARE OUTLET LOCATIONS
( ) 2.05 ANCHOR SERVICE PANEL IN PLACE
( ) 2.06 INSTALL CONDUIT/SILL PLATE
( ) 2.07 PREPARE AND RUN SERVICE WIRES
( ) 2.08 INSTALL GROUNDING SYSTEM
( ) 2.09 CONNECT SERVICE PANEL
( ) 2.10 DEMONSTRATE PROPER OPERATION OF CIRCUIT

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 CIRCUIT CONFORMS TO NEC AND LOCAL POWER COMPANY REGULATIONS AND OPERATES PROPERLY TO THE APPROVAL OF A BOARD OF LICENSED ELECTRICIANS. TO BE COMPLETED WITHIN 6 HOURS WITH EACH STEP JUDGED SATISFACTORY OR UNSATISFACTORY .

( ) 3.02 WITH EACH CONDUCTOR SHOWN, COLOR LABELED, INDICATED HOT OR NEUTRAL AND APPLICABLE VOLTAGES
( ) 3.03 TO THE EXTENT THAT THE JOB CAN BE DONE PROPERLY IN THE MOST ECONOMICAL WAY
( ) 3.04 TO CONFORM TO NEC STANDARDS AND VERBAL INSTRUCTIONS
( ) 3.05 TO CONFORM TO NEC STANDARDS
( ) 3.06 TO CONFORM TO NEC STANDARDS. CABLES OR CONDUITS SHALL BE PROPERLY SUPPORTED AND SECURED
( ) 3.07 TO CONFORM TO NEC STANDARDS
( ) 3.08 TO CONFORM TO NEC STANDARDS
( ) 3.09 TO CONFORM TO NEC STANDARDS
( ) 3.10 CIRCUIT OPERATES PROPERLY

MISOE NO.

PROGRAM ELECTRICAL | DIVISION SERVICES
USOE CODE NO.(S) | UNIT SINGLE PHASE
 | TERMOB NO. 12.052

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 03 SERVICES

UNIT 02 THREE PHASE

TERMOB NO. 12.053

1.00 CONDITION

( ) 1.01 VERBAL INSTRUCTIONS AS TO LOCATIONS, CONDITIONS AND SPECIFICATIONS OF CIRCUIT
( ) 1.02 RIGID METAL CONDUIT
( ) 1.03 SERVICE ENTRY CONDUCTORS
( ) 1.04 GROUNDING CONDUCTOR
( ) 1.05 WATER SUPPLY SYSTEM
( ) 1.06 THREE WIRE, 230 VOLT FEEDER CIRCUIT
( ) 1.07 SERVICE DROP
( ) 1.08 SERVICE PANEL
( ) 1.09 CURRENT TRANSFORMERS AS NEEDED FOR METERING
( ) 1.10 ASSOCIATED HARDWARE AS NEEDED
( ) 1.11 ELECTRICIAN'S BASIC TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 INSTALL A THREE PHASE 400 AMP SERVICE EMPLOYING THE FOLLOWING PROCEDURE:

( ) 2.02 SKETCH WIRING DIAGRAM
( ) 2.03 SELECT PROPER MATERIALS AND SUPPLIES FOR THE JOB
( ) 2.04 MARK AND PREPARE OUTLET LOCATIONS
( ) 2.05 ANCHOR SERVICE PANEL IN PLACE
( ) 2.06 INSTALL CONDUIT
( ) 2.07 PREPARE AND RUN SERVICE CONDUCTORS
( ) 2.08 INSTALL GROUNDING CONDUCTOR
( ) 2.09 WIRE SERVICE SWITCH
( ) 2.10 DEMONSTRATE PROPER OPERATION OF CIRCUIT

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 CIRCUIT CONFORMS TO NEC AND LOCAL POWER COMPANY REGULATIONS AND OPERATES PROPERLY TO THE APPROVAL OF A BOARD OF LICENSED ELECTRICIANS. TO BE COMPLETED WITHIN 8 HOURS WITH EACH STEP JUDGED SATISFACTORY OR UNSATISFACTORY

( ) 3.02 WITH EACH CONDUCTOR SHOWN, COLOR LABELED INDICATED HOT OR NEUTRAL AND APPLICABLE VOLTAGES
( ) 3.03 TO THE EXTENT THAT THE JOB CAN BE DONE PROPERLY IN THE MOST ECONOMICAL WAY
( ) 3.04 TO CONFORM TO NEC STANDARDS AND VERBAL INSTRUCTIONS

( ) 1.01 VERBAL INSTRUCTIONS AS TO LOCATIONS, CONDITIONS AND SPECIFICATIONS OF CIRCUIT
( ) 1.02 RIGID METAL CONDUIT
( ) 1.03 SERVICE ENTRY CONDUCTORS
( ) 1.04 GROUNDING CONDUCTOR
( ) 1.05 WATER SUPPLY SYSTEM
( ) 1.06 THREE WIRE, 230 VOLT FEEDER CIRCUIT
( ) 1.07 SERVICE DROP
( ) 1.08 SERVICE PANEL
( ) 1.09 CURRENT TRANSFORMERS AS NEEDED FOR METERING
( ) 1.10 ASSOCIATED HARDWARE AS NEEDED
( ) 1.11 ELECTRICIAN'S BASIC TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 INSTALL A THREE PHASE 400 AMP SERVICE EMPLOYING THE FOLLOWING PROCEDURE:

( ) 2.02 SKETCH WIRING DIAGRAM
( ) 2.03 SELECT PROPER MATERIALS AND SUPPLIES FOR THE JOB
( ) 2.04 MARK AND PREPARE OUTLET LOCATIONS
( ) 2.05 ANCHOR SERVICE PANEL IN PLACE
( ) 2.06 INSTALL CONDUIT
( ) 2.07 PREPARE AND RUN SERVICE CONDUCTORS
( ) 2.08 INSTALL GROUNDING CONDUCTOR
( ) 2.09 WIRE SERVICE SWITCH
( ) 2.10 DEMONSTRATE PROPER OPERATION OF CIRCUIT

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 CIRCUIT CONFORMS TO NEC AND LOCAL POWER COMPANY REGULATIONS AND OPERATES PROPERLY TO THE APPROVAL OF A BOARD OF LICENSED ELECTRICIANS. TO BE COMPLETED WITHIN 8 HOURS WITH EACH STEP JUDGED SATISFACTORY OR UNSATISFACTORY

( ) 3.02 WITH EACH CONDUCTOR SHOWN, COLOR LABELED, INDICATED HOT OR NEUTRAL AND APPLICABLE VOLTAGES
( ) 3.03 TO THE EXTENT THAT THE JOB CAN BE DONE PROPERLY IN THE MOST ECONOMICAL WAY
( ) 3.04 TO CONFORM TO NEC STANDARDS AND VERBAL INSTRUCTIONS
( ) 3.05 TO CONFORM TO NEC STANDARDS
( ) 3.06 TO CONFORM TO NEC STANDARDS. CONDUITS SHALL BE PROPERLY SUPPORTED AND SECURED
( ) 3.07 TO CONFORM TO NEC STANDARDS
( ) 3.08 TO CONFORM TO NEC STANDARDS
( ) 3.09 TO CONFORM TO NEC STANDARDS
( ) 3.10 CIRCUIT OPERATES PROPERLY

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 07 SERVICES

USOE CODE NO(S) _____

UNIT 02 THREE PHASE

TERMOB NO. 12-053

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 07 SERVICES

UNIT 02 THREE PHASE

TERMOB NO. 12-054

1.00 CONDITION

( ) 1.01 VERBAL INSTRUCTIONS AS TO LOCATIONS, CONDITIONS AND SPECIFICATIONS OF CIRCUIT /
( ) 1.02 RIGID METAL CONDUIT
( ) 1.03 SERVICE ENTRY CONDUCTORS
( ) 1.04 GROUNDING CONDUCTOR
( ) 1.05 WATER SUPPLY SYSTEM
( ) 1.06 THREE WIRE, 230 VOLT FEEDER CIRCUIT
( ) 1.07 SERVICE LATERAL
( ) 1.08 SERVICE PANEL
( ) 1.09 OFF PEAK SERVICE EQUIPMENT
( ) 1.10 ELECTRIC HOT WATER HEATER
( ) 1.11 ASSOCIATED HARDWARE AS NEEDED
( ) 1.12 ELECTRICIAN'S BASIC TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL A 100 AMP SERVICE WITH OFF PEAK EQUIPMENT FROM A SERVICE LATERAL EMPLOYING THE FOLLOWING PROCEDURE:

( ) 2.02 SKETCH WIRING DIAGRAM
( ) 2.03 SELECT PROPER MATERIALS AND SUPPLIES FOR THE JOB
( ) 2.04 MARK AND PREPARE OUTLET LOCATIONS
( ) 2.05 ANCHOR SERVICE IN PLACE
( ) 2.06 INSTALL CONDUIT
( ) 2.07 PREPARE AND RUN SERVICE CONDUCTORS
( ) 2.08 INSTALL GROUNDING CONDUCTOR
( ) 2.09 WIRE SERVICE SWITCH
( ) 2.10 DEMONSTRATE PROPER OPERATION OF CIRCUIT

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 CIRCUIT CONFORMS TO NEC AND LOCAL POWER COMPANY REGULATIONS AND OPERATES PROPERLY TO THE APPROVAL OF A BOARD OF LICENSED ELECTRICIANS. TO BE COMPLETED WITHIN 6 HOURS WITH EACH STEP JUDGED SATISFACTORY OR UNSATISFACTORY

( ) 3.02 WITH EACH CONDUCTOR SHOWN, COLOR LABELED, INDICATED HOT OR NEUTRAL AND APPLICABLE VOLTAGES
( ) 3.03 TO THE EXTENT THAT THE JOB CAN BE DONE PROPERLY IN THE MOST ECONOMICAL WAY

( ) 1.01 VERBAL INSTRUCTIONS AS TO LOCATIONS, CONDITIONS AND SPECIFICATIONS OF CIRCUIT
( ) 1.02 RIGID METAL CONDUIT
( ) 1.03 SERVICE ENTRY CONDUCTORS
( ) 1.04 GROUNDING CONDUCTOR
( ) 1.05 WATER SUPPLY SYSTEM
( ) 1.06 THREE WIRE, 230 VOLT FEEDER CIRCUIT
( ) 1.07 SERVICE LATERAL
( ) 1.08 SERVICE PANEL
( ) 1.09 OFF PEAK SERVICE EQUIPMENT
( ) 1.10 ELECTRIC HOT WATER HEATER
( ) 1.11 ASSOCIATED HARDWARE AS NEEDED
( ) 1.12 ELECTRICIAN'S BASIC TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL A 100 AMP SERVICE WITH OFF PEAK EQUIPMENT FROM A SERVICE LATERAL EMPLOYING THE FOLLOWING PROCEDURE:

( ) 2.02 SKETCH WIRING DIAGRAM
( ) 2.03 SELECT PROPER MATERIALS AND SUPPLIES FOR THE JOB
( ) 2.04 MARK AND PREPARE OUTLET LOCATIONS
( ) 2.05 ANCHOR SERVICE IN PLACE
( ) 2.06 INSTALL CONDUIT
( ) 2.07 PREPARE AND RUN SERVICE CONDUCTORS
( ) 2.08 INSTALL GROUNDING CONDUCTOR
( ) 2.09 WIRE SERVICE SWITCH
( ) 2.10 DEMONSTRATE PROPER OPERATION OF CIRCUIT

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 CIRCUIT CONFORMS TO NEC AND LOCAL POWER COMPANY REGULATIONS AND OPERATES PROPERLY TO THE APPROVAL OF A BOARD OF LICENSED ELECTRICIANS. TO BE COMPLETED WITHIN 6 HOURS WITH EACH STEP JUDGED SATISFACTORY OR UNSATISFACTORY

( ) 3.02 WITH EACH CONDUCTOR SHOWN, COLOR LABELED, INDICATED HOT OR NEUTRAL AND APPLICABLE VOLTAGES
( ) 3.03 TO THE EXTENT THAT THE JOB CAN BE DONE PROPERLY IN THE MOST ECONOMICAL WAY
( ) 3.04 TO CONFORM TO NEC STANDARDS AND VERBAL INSTRUCTIONS
( ) 3.05 TO CONFORM TO NEC STANDARDS
( ) 3.06 TO CONFORM TO NEC STANDARDS. CABLES/CONDUITS/WIRES SHALL BE PROPERLY SUPPORTED AND SECURED
( ) 3.07 TO CONFORM TO NEC STANDARDS
( ) 3.08 TO CONFORM TO NEC STANDARDS
( ) 3.09 TO CONFORM TO NEC STANDARDS
( ) 3.10 CIRCUIT OPERATES PROPERLY

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 07 SERVICES

USOE CODE NO(S) _____

UNIT 02 THREE PHASE

TERMOB NO. 12-054

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 07 SERVICES

UNIT 03 MULTI TENANT

TERMOB NO. 12-055

1.00 CONDITION

( ) 1.01 VERBAL INSTRUCTIONS AS TO LOCATIONS, CONDITIONS AND SPECIFICATIONS OF CIRCUIT AND ELECTRICAL LAYOUT BLUEPRINT
( ) 1.02 RIGID METAL CONDUIT
( ) 1.03 SERVICE ENTRY CONDUCTORS
( ) 1.04 GROUNDING CONDUCTOR
( ) 1.05 THREE WIRE, 230 VOLT FEEDER CIRCUIT
( ) 1.06 SERVICE DROP
( ) 1.07 METER EQUIPMENT
( ) 1.08 SERVICE PANEL
( ) 1.09 WATER SUPPLY SYSTEM
( ) 1.10 TIME SWITCH
( ) 1.11 ASSOCIATED HARDWARE AS NEEDED
( ) 1.12 ELECTRICIAN'S BASIC TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 INSTALL A 200 AMP MULTI TENANT SERVICE EMPLOYING THE FOLLOWING PROCEDURE:

( ) 2.02 SKETCH WIRING DIAGRAM
( ) 2.03 SELECT PROPER MATERIALS AND SUPPLIES FOR THE JOB
( ) 2.04 MARK AND PREPARE OUTLET LOCATIONS
( ) 2.05 ANCHOR SERVICE EQUIPMENT AND METER TROUGHS IN PLACE
( ) 2.06 INSTALL CONDUIT
( ) 2.07 PREPARE AND RUN SERVICE ENTRANCE CONDUCTORS
( ) 2.08 INSTALL GROUNDING CONDUCTOR
( ) 2.09 WIRE SERVICE PANEL(S)
( ) 2.10 DEMONSTRATE PROPER OPERATION OF CIRCUIT

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 CIRCUIT CONFORMS TO NEC AND LOCAL POWER COMPANY REGULATIONS AND OPERATES PROPERLY TO THE APPROVAL OF A BOARD OF LICENSED ELECTRICIANS. TO BE COMPLETED WITHIN 6 HOURS WITH EACH STEP JUDGED SATISFACTORY OR UNSATISFACTORY

( ) 3.02 WITH EACH CONDUCTOR SHOWN, COLOR LABELED, INDICATED HOT OR NEUTRAL AND APPLICABLE VOLTAGES

( ) 1.01 VERBAL INSTRUCTIONS AS TO LOCATIONS, CONDITIONS AND SPECIFICATIONS OF CIRCUIT AND ELECTRICAL LAYOUT BLUEPRINT
( ) 1.02 RIGID METAL CONDUIT
( ) 1.03 SERVICE ENTRY CONDUCTORS
( ) 1.04 GROUNDING CONDUCTOR
( ) 1.05 THREE WIRE, 230 VOLT FEEDER CIRCUIT
( ) 1.06 SERVICE DROP
( ) 1.07 METER EQUIPMENT
( ) 1.08 SERVICE PANEL
( ) 1.09 WATER SUPPLY SYSTEM
( ) 1.10 TIME SWITCH
( ) 1.11 ASSOCIATED HARDWARE AS NEEDED
( ) 1.12 ELECTRICIAN'S BASIC TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL A 200 AMP MULTI TENANT SERVICE EMPLOYING THE FOLLOWING PROCEDURE:

( ) 2.02 SKETCH WIRING DIAGRAM
( ) 2.03 SELECT PROPER MATERIALS AND SUPPLIES FOR THE JOB
( ) 2.04 MARK AND PREPARE OUTLET LOCATIONS
( ) 2.05 ANCHOR SERVICE EQUIPMENT AND METER TROUGHS IN PLACE
( ) 2.06 INSTALL CONDUIT
( ) 2.07 PREPARE AND RUN SERVICE ENTRANCE CONDUCTORS
( ) 2.08 INSTALL GROUNDING CONDUCTOR
( ) 2.09 WIRE SERVICE PANEL(S)
( ) 2.10 DEMONSTRATE PROPER OPERATION OF CIRCUIT

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 CIRCUIT CONFORMS TO NEC AND LOCAL POWER COMPANY REGULATIONS AND OPERATES PROPERLY TO THE APPROVAL OF A BOARD OF LICENSED ELECTRICIANS. TO BE COMPLETED WITHIN 6 HOURS WITH EACH STEP JUDGED SATISFACTORY OR UNSATISFACTORY

( ) 3.02 WITH EACH CONDUCTOR SHOWN, COLOR LABELED, INDICATED HOT OR NEUTRAL AND APPLICABLE VOLTAGES
( ) 3.03 TO THE EXTENT THAT THE JOB CAN BE DONE PROPERLY IN THE MOST ECONOMICAL WAY
( ) 3.04 TO CONFORM TO NEC STANDARDS, BLUEPRINT AND VERBAL INSTRUCTIONS
( ) 3.05 TO CONFORM TO NEC STANDARDS AND BLUEPRINT
( ) 3.06 TO CONFORM TO NEC STANDARDS. CABLES OR CONDUIT SHALL BE PROPERLY SUPPORTED AND SECURED
( ) 3.07 TO CONFORM TO NEC STANDARDS
( ) 3.08 TO CONFORM TO NEC STANDARDS
( ) 3.09 TO CONFORM TO NEC STANDARDS
( ) 3.10 CIRCUIT OPERATES PROPERLY

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MISOE NO. _____

PROGRAM ELECTRICAL

USOE CODE NO(S) _____

DIVISION 07 SERVICES

UNIT 03 MULTI TENANT

TERMOB NO. 12-055

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

5

25b

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 07 SERVICES

UNIT 04 BREAKERS, FUSES AND OVERLOAD PROTECTION

TERMOB NO. 12-056

1.00 CONDITION

( ) 1.01 CIRCUIT COMPOSED OF SERVICE ENTRY, LIGHTING FIXTURES, CONVENIENCE OUTLETS AND LARGE APPLIANCES (HARD AND SOFT WIRED) WITH SEGMENTS WIRED USING NON METALLIC SHEATHED CABLE, METAL-CLAD CABLE AND CONDUIT AND HAVING A GROUND OR SHORT DUE TO ONE OR MORE OF THE DEFECTS LISTED BELOW:

( ) 1.02 IMPROPER/DEFECTIVE SPLICE
( ) 1.03 DEFECTIVE DEVICE
( ) 1.04 DEFECTIVE CONDUCTORS
( ) 1.05 ~~LOOSE/IMPROPER CONNECTION~~
( ) 1.06 NO/IMPROPER GROUNDING PROVISIONS AT SERVICE ENTRY
( ) 1.07 MOISTURE INTERFERENCE
( ) 1.08 ELECTRICIAN'S BASIC TOOLS (TABLE T-3)
( ) 1.09 WIRE AS NEEDED
( ) 1.10 ASSOCIATED HARDWARE AS NEEDED
( ) 1.11 OPEN FRAME CONSTRUCTION
( ) 1.12 CLOSED WALL

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 CORRECT A GROUND OR SHORT IN A CIRCUIT COMPOSED OF SERVICE ENTRY, LIGHTING FIXTURE(S), CONVENIENCE OUTLET(S), AND LARGE APPLIANCES (HARD AND SOFT WIRED) EMPLOYING THE FOLLOWING PROCEDURE:

( ) 2.02 LOCATE FAULT(S)
( ) 2.03 CORRECT FAULT(S) (IF APPLICABLE)
( ) 2.04 DEMONSTRATE PROPER OPERATION OF CIRCUIT

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 CIRCUIT CONFORMS TO NEC AND OPERATES PROPERLY TO THE APPROVAL OF A BOARD OF LICENSED ELECTRICIANS. TO BE COMPLETED WITHIN 3 HOURS WITH EACH STEP JUDGED SATISFACTORY OR UNSATISFACTORY

( ) 3.02 USING LOGICAL PROCESS OF ELIMINATION AND CHECKING, STRICTLY OBSERVING ALL SAFETY PRECAUTIONS AND STANDARDS
( ) 3.03 USING NEC ACCEPTED PROCEDURES
( ) 3.04 TO CONFORM TO NEC STANDARDS

MISOE NO. _____

PROGRAM ELECTRICAL

USOE CODE NO(S) _____

DIVISION 07 SERVICES

UNIT 04 BREAKERS, FUSES AND OVERLOAD PROTECTION

TERM03 NO. 12-056

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM ELECTRICAL

DIVISION 07 SERVICES

UNIT 04 BREAKERS, FUSES AND OVERLOAD PROTECTION

TERMOB NO. 12-057

1.00 CONDITION

( ) 1.01 VERBAL INSTRUCTIONS AS TO LOCATIONS, CONDITIONS AND SPECIFICATIONS OF CIRCUIT
( ) 1.02 METAL CLAD CABLE
( ) 1.03 RIGID CONDUIT
( ) 1.04 FLEXIBLE CONDUIT
( ) 1.05 ELECTRICAL METALLIC TUBING
( ) 1.06 MOCK SWIMMING POOL WITH "INBOARD" WATER PUMP
( ) 1.07 GROUND FAULT INTERRUPTER EQUIPMENT
( ) 1.08 APPLICABLE SERVICE MANUALS
( ) 1.09 SERVICE PANEL
( ) 1.10 ASSOCIATED HARDWARE AS NEEDED
( ) 1.11 ELECTRICIAN'S BASIC TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL A GROUND FAULT INTERRUPTER CIRCUIT EMPLOYING THE FOLLOWING PROCEDURE:

( ) 2.02 SKETCH WIRING DIAGRAM
( ) 2.03 SELECT PROPER MATERIALS AND SUPPLIES FOR THE JOB
( ) 2.04 MARK AND PREPARE OUTLET LOCATIONS
( ) 2.05 FASTEN BOXES AND FUSE PANEL (IF NECESSARY) IN PLACE
( ) 2.06 BORE HOLES WHERE NECESSARY FOR RUNNING OF CABLE OR CONDUIT
( ) 2.07 RUN CABLE OR CONDUIT
( ) 2.08 SECURE CABLE OR CONDUIT TO BOXES
( ) 2.09 PULL WIRE THROUGH CONDUIT
( ) 2.10 MAKE SPLICES AND PROPER CONNECTIONS TO BOXES AND FIXTURES
( ) 2.11 RUN CIRCUIT INTO SERVICE PANEL
( ) 2.12 DEMONSTRATE PROPER OPERATION OF THE CIRCUIT

MISOE NO.

PROGRAM ELECTRICAL

DIVISION OF SERVICES

USOE CODE NO.(S)

UNIT BREAKERS, FUSES AND OVERLOAD PROTECTION

TERMOB NO. IX-057

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

MODEL NO.

PROGRAM ELECTRICAL

DIVISION SERVICE

UNIT 4 BREAKERS, FUSES AND OVERLOAD PROTECTION

TERMOB NO 12-05* (CONT.)

EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

3.01 CIRCUIT CONFORMS TO NEC AND OPERATES PROPERLY TO THE APPROVAL OF A BOARD OF LICENSED ELECTRICIANS TO BE COMPLETED WITHIN 3 HOURS WITH EACH STEP SUPPLIED SATISFACTORY OR UNSATISFACTORY

WITH EACH CONDUCTOR SHOWN, COLOR LABELED, INDICATED HOT OR NEUTRAL AND APPLICABLE VOLTAGES

TO THE EXTENT THAT THE JOB CAN BE DONE PROPERLY IN THE MOST ECONOMICAL WAY

TO CONFORM TO NEC STANDARDS AND VERBAL INSTRUCTIONS

TO CONFORM TO NEC STANDARDS

TO CONFORM TO NEC STANDARDS

TO CONFORM TO NEC STANDARDS CABLES CONDUITS WIRES SHALL BE PROPERLY SUPPORTED AND SECURE

TO CONFORM TO NEC STANDARDS

TO CONFORM TO NEC STANDARDS

TO CONFORM TO NEC STANDARDS

TO CONFORM TO NEC STANDARDS

CIRCUIT OPERATES PROPERLY

UNIT: BREAKERS, FUSES AND OVERLOAD PROTECTION

TERMINAL: 12-057 (CONT.)

TERMINAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

TABLE T-3

ELECTRICIAN'S BASIC TOOLS

TOOL BOX

POUCH WITH BELT

SLIP-JOINT PUMP PLIERS

SIDE CUTTING PLIERS

DIAGONAL PLIERS

LONG-NOSED PLIERS

ELECTRICIAN'S HAMMER

ELECTRICIAN'S KNIFE

WIRE STRIPPERS

HACKSAWS

SCREWDRIVERS

FISH TAPE (SNAKE)

ELECTIC DRILL AND BITS

HAND BRACE AND BITS

BIT EXTENSIONS

FOLDING RULE AND STEEL MEASURING TAPE

POCKET LEVEL AND TORPEDO LEVEL

PVC TAPE

FRICTION TAPE

EMT BENDERS CONDUIT BENDERS

PIPE CUTTER

FILES

REAMER

TAP AND DIE SETS

SAFETY GLASSES

FLASHLIGHT

VOLTMETER

OHMETER

AMMETER

MEGGAR

Table T-4 Additional TERMOB Performance Statements

This form is provided for the addition of TERMOB performance statements to ensure more complete coverage of your program. Please provide a comprehensive performance statement (coded 2.01 on each TERMOB) for each area of deficiency that you have identified.

The performance statement need only be listed identified by the division and unit numbers of the deficient areas; the conditions and extents will be incorporated later.

1. Division_____ Performance Statement_____

   Unit_____

2. Division_____ Performance Statement_____

   Unit_____

3. Division_____ Performance Statement_____

   Unit_____

4. Division_____ Performance Statement_____

   Unit_____

5. Division_____ Performance Statement_____

   Unit_____

6. Division_____ Performance Statement_____

   Unit_____

and extents will be incorporated later.

1. Division_____ Performance Statement_____

   Unit_____

2. Division_____ Performance Statement_____

   Unit_____

3. Division_____ Performance Statement_____

   Unit_____

4. Division_____ Performance Statement_____

   Unit_____

5. Division_____ Performance Statement_____

   Unit_____

6. Division_____ Performance Statement_____

   Unit_____

7. Division_____ Performance Statement_____

   Unit_____

Table T-4 (Cont'd) Additional TERMOB Performance Statements

This form is provided for the addition of TERMOB performance statements to ensure more complete coverage of your program. Please provide a comprehensive performance statement (coded 2.01 on each TERMOB) for each area of deficiency that you have identified.

The performance statement need only be listed identified by the division and unit numbers of the deficient areas; the conditions and extents will be incorporated later.

8. Division_____ Performance Statement_____

Unit_____ _____

_____

_____

9. Division_____ Performance Statement_____

Unit_____ _____

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10. Division_____ Performance Statement_____

Unit_____ _____

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11. Division_____ Performance Statement_____

Unit_____ _____

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_____

12. Division_____ Performance Statement_____

Unit_____ _____

_____

_____

13. Division_____ Performance Statement_____

Unit_____ _____

_____

the division and unit numbers of the deficient areas; the conditions and extents will be incorporated later.

8. Division_____ Performance Statement_____

Unit_____

9. Division_____ Performance Statement_____

Unit_____

10. Division_____ Performance Statement_____

Unit_____

11. Division_____ Performance Statement_____

Unit_____

12. Division_____ Performance Statement_____

Unit_____

13. Division_____ Performance Statement_____

Unit_____

14. Division_____ Performance Statement_____

Unit_____

INDEX OF TERMOB STATEMENTS

PROGRAM: ELECTRICAL

INDEX OF TERMOB STATEMENTS (CONT'D)

PROGRAM: ELECTRICAL