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## ABSTRACT

The Work Personality Profile-Self Report (WPP-SR) is a self-report work behavior instrument for use in situational assessment in work centers, comprehensive facilities, and employment settings. The WPP-SR assesses work attitudes, values, habits, and behaviors that are essential to the achievement and maintenance of employment. It consists of 58 items that are completed by evaluatees using a standard four-point scale. Results are reported on a profile form that includes 11 primary work behavior categories and 5 second-order factor scales. The WPP-SR is designed to be administered in conjunction with the simultaneous completion of the Work Personality Profile by a professional evaluator. This manual contains the instrument, directions for administration, and evidence of the instrument's reliability and validity. The WPP-SR is scored on a floppy disk that generates the score profile directly from self-report ratings on the 58 items. The software is written in BASIC for MS DOS machines. (JDD)

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# Work Personality Profile *Self-Report Version*

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EC 301358

<b>Name</b>	<b>LAST</b>	<b>FIRST</b>

<b>Date</b>

## Work Personality Profile

### Self-Report Version<sup>1</sup>

Please describe your typical work performance by circling one of the four options listed below for each of the 58 items.

- 4 A definite strength, an employability asset
- 3 Adequate performance, not a particular strength
- 2 Performance inconsistent, potentially an employability problem
- 1 A problem area, will definitely limit my chance for employment

- |   |   |   |   |  |
|---|---|---|---|--|
| 4 | 3 | 2 | 1 | 1. Sufficiently alert and aware  |
| 4 | 3 | 2 | 1 | 2. Learn new assignments quickly   |
| 4 | 3 | 2 | 1 | 3. Work steadily during entire work period                                   |
| 4 | 3 | 2 | 1 | 4. Accept changes in work assignments  |
| 4 | 3 | 2 | 1 | 5. Need virtually no direct supervision                                      |
| 4 | 3 | 2 | 1 | 6. Request help in an appropriate fashion                                    |
| 4 | 3 | 2 | 1 | 7. Approach supervisory personnel with confidence                            |
| 4 | 3 | 2 | 1 | 8. Am appropriately friendly with supervisor                                 |
| 4 | 3 | 2 | 1 | 9. Show pride in group effort  |
| 4 | 3 | 2 | 1 | 10. Show interest in what others are doing                                   |
| 4 | 3 | 2 | 1 | 11. Express likes and dislikes appropriately                                 |
| 4 | 3 | 2 | 1 | 12. Initiate work-related activities on time                                 |
| 4 | 3 | 2 | 1 | 13. Accept work assignments and instructions from supervisor without arguing |
| 4 | 3 | 2 | 1 | 14. Improve performance when shown how                                       |
| 4 | 3 | 2 | 1 | 15. Work at routine jobs without resistance                                  |
| 4 | 3 | 2 | 1 | 16. Express willingness to try new assignments                               |
| 4 | 3 | 2 | 1 | 17. Carry out assigned tasks without prompting                               |
| 4 | 3 | 2 | 1 | 18. Ask for further instructions if task is not clear                        |
| 4 | 3 | 2 | 1 | 19. Accept correction without becoming upset                                 |
| 4 | 3 | 2 | 1 | 20. Discuss personal problems with supervisor only if work-related           |
| 4 | 3 | 2 | 1 | 21. Accept assignment to group tasks   |
| 4 | 3 | 2 | 1 | 22. Seek out co-workers to be friends  |
| 4 | 3 | 2 | 1 | 23. Respond when others initiate conversation                                |
| 4 | 3 | 2 | 1 | 24. Conform to rules and regulations   |

<sup>1</sup>Arkansas Research and Training Center in Vocational Rehabilitation, University of Arkansas, Fayetteville

- |   |   |   |   |  |
|---|---|---|---|--|
| 4 | 3 | 2 | 1 | 25. Maintain satisfactory personal hygiene habits                        |
| 4 | 3 | 2 | 1 | 26. Change work methods when instructed to do so                         |
| 4 | 3 | 2 | 1 | 27. Pay attention to details while working                               |
| 4 | 3 | 2 | 1 | 28. Maintain productivity despite change in routine                      |
| 4 | 3 | 2 | 1 | 29. Recognize own mistakes   |
| 4 | 3 | 2 | 1 | 30. Ask for help when having difficulty with tasks                       |
| 4 | 3 | 2 | 1 | 31. Comfortable with supervisor  |
| 4 | 3 | 2 | 1 | 32. Get along with staff   |
| 4 | 3 | 2 | 1 | 33. Work comfortably in group tasks                                      |
| 4 | 3 | 2 | 1 | 34. Appear comfortable in social interactions                            |
| 4 | 3 | 2 | 1 | 35. Initiate conversations with others                                   |
| 4 | 3 | 2 | 1 | 36. Display good judgment in use of obscenities and vulgarities          |
| 4 | 3 | 2 | 1 | 37. Arrive appropriately dressed for work                                |
| 4 | 3 | 2 | 1 | 38. Maintain improved work procedures after correction                   |
| 4 | 3 | 2 | 1 | 39. Maintain work pace even if distractions occur                        |
| 4 | 3 | 2 | 1 | 40. Perform satisfactorily in tasks that require variety and change      |
| 4 | 3 | 2 | 1 | 41. Initiate action to correct own mistakes                              |
| 4 | 3 | 2 | 1 | 42. Performance remains stable in supervisor's presence                  |
| 4 | 3 | 2 | 1 | 43. Supportive of others in group tasks                                  |
| 4 | 3 | 2 | 1 | 44. Join social groups when they are available                           |
| 4 | 3 | 2 | 1 | 45. Listen while other person speaks, avoid interrupting                 |
| 4 | 3 | 2 | 1 | 46. Express pleasure in accomplishment                                   |
| 4 | 3 | 2 | 1 | 47. Listen to instructions or corrections attentively                    |
| 4 | 3 | 2 | 1 | 48. Move from job to job easily  |
| 4 | 3 | 2 | 1 | 49. Need less than average amount of supervision                         |
| 4 | 3 | 2 | 1 | 50. Offer assistance to co-workers when appropriate                      |
| 4 | 3 | 2 | 1 | 51. Am sought out frequently by co-workers                               |
| 4 | 3 | 2 | 1 | 52. Express positive feelings, e.g., praise, liking for others           |
| 4 | 3 | 2 | 1 | 53. Display good judgment in playing practical jokes or "horsing around" |
| 4 | 3 | 2 | 1 | 54. Transfer previously learned skills to new task                       |
| 4 | 3 | 2 | 1 | 55. Handle problems with only occasional help                            |
| 4 | 3 | 2 | 1 | 56. Assume assigned role in group tasks                                  |
| 4 | 3 | 2 | 1 | 57. Express negative feelings appropriately, e.g., anger, fear, sadness  |
| 4 | 3 | 2 | 1 | 58. Control temper   |

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Manual for the

# Work Personality PROFILE

*Self - Report Version*

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Arkansas Rehabilitation Services

**Manual for the**  
**Work Personality Profile**  
*Self - Report Version*

**Brian Bolton**

March, 1992

Arkansas Research and Training Center in Vocational Rehabilitation  
University of Arkansas, Fayetteville  
Arkansas Rehabilitation Services

## Overview

- \*\*\* The Work Personality Profile-Self Report (WPP-SR) is a self-report work behavior instrument for use in situational assessment in work centers, comprehensive facilities, and employment settings.
- \*\*\* The WPP-SR addresses those capabilities that satisfy fundamental work role requirements, i.e., work attitudes, values, habits, and behaviors that are essential to the achievement and maintenance of suitable employment.
- \*\*\* The WPP-SR possesses the advantages of comprehensive coverage, behavioral orientation, diagnostic function, and direct rating format.
- \*\*\* The WPP-SR consists of 58 items that are completed by evaluatees using a standard 4-point scale. It requires 10-15 minutes to complete following a minimum observation period of one week.
- \*\*\* The WPP-SR results are reported on a profile form that includes 11 primary work behavior categories and 5 second-order factor scales.
- \*\*\* The WPP-SR should only be administered in conjunction with the simultaneous completion of the WPP by a professional evaluator.
- \*\*\* The WPP-SR instrument and directions for administration, as well as reliability and validity evidence, are contained in the WPP-SR Manual.
- \*\*\* The WPP-SR is scored on a floppy disk that generates the score profile directly from self-report ratings on the 58 items. Written in BASIC for MS DOS machines, the WPP/WPP-SR floppy disk will run on most IBM compatible machines.



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## Table of Contents

<u>Section</u>	<u>Page</u>
Overview	ii
Introduction	1
Administration	1
Research study	4
Sample	4
Results	5
Conclusions	7
Appendix 1	
Instructions for the WPP Floppy Disk	9
Appendix 2	
Tables 2 through 16	10

# Manual for the Work Personality Profile-Self Report

## Introduction

The self-report version of the Work Personality Profile (WPP-SR) is a self-rating instrument that parallels the earlier Work Personality Profile (WPP). The WPP is an observer-rating instrument that is completed by the vocational evaluator following a suitable period of supervision of the evaluatee in a quasi-work setting. The WPP may be scored using a computer program that is available on floppy disk.

After the WPP was published and disseminated, numerous requests were received from evaluators asking for a self-report version that could be completed by evaluatees. This would enable consumers of rehabilitation services to provide input into the evaluation and planning process using the same standardized format available to professionals. The WPP-SR was developed in conjunction with a project undertaken for the explicit purpose of increasing consumer involvement in the vocational evaluation process.

The WPP-SR consists of the same 58 items (changed to first person form) and the same four-point response format that comprise the WPP. Thus, when evaluatee and evaluator complete the WPP-SR and the WPP, respectively, the item responses are directly comparable. Furthermore, the WPP-SR is scored on the 11 rational scales and five factor scales that were developed for the WPP (see Table 1).

Simultaneous completion of the WPP-SR and WPP enables evaluatees and evaluators to compare directly their perspectives on the evaluatee's vocational maturity. To facilitate the scoring and ready availability of WPP-SR information, the original WPP floppy disk has been modified to include an option for inputting the 58 WPP-SR item scores. The computer report generates profiles for the WPP-SR and WPP on the same graph.

## Administration

The WPP-SR should be completed by the evaluatee at the same time that the evaluator completes the WPP. Both instruments should be completed after the evaluatee has been observed in a work setting for a minimum of one week. It should be emphasized that the one week minimum observation period applies to the WPP-SR as well as to the WPP, because the WPP-SR is essentially a self-observation of one's own work behavior. In fact, it could be argued that the major function of the WPP-SR is to sensitize the evaluatee to the 58 critical work behaviors, any of which may need remedial attention.

Table 1  
WPP-SR Scoring Scales

---

Rationally Derived Scales

- S1. Acceptance of the work role - ability to conform to basic expectations in work, e.g., arrives appropriately dressed and accepts work assignments.
- S2. Ability to profit from instruction or correction - capability to make recommended changes in work behaviors, e.g., listens to instructions or corrections attentively and maintains improved work procedures after correction.
- S3. Work persistence - ability to stay on task without prompting, e.g., works steadily during entire work period and works at routine jobs without resistance.
- S4. Work tolerance - willingness to accept change without decreasing effort, e.g., accepts change in work assignments and maintains productivity despite change in routine.
- S5. Amount of supervision required - ability to work with minimal supervision and direction, e.g., needs virtually no direct supervision and recognizes own mistakes.
- S6. Extent trainee seeks assistance from supervisor - ability to ask for supervisory help appropriately, e.g., asks for further instructions if task is not clear and requests help in an appropriate fashion.
- S7. Degree of comfort or anxiety with supervisor - ability to interact pleasantly and appropriately on the job, e.g., discusses personal problems with supervisor only if work-related and gets along with staff.
- S9. Teamwork - ability to work cooperatively, e.g., accepts assignment to teamwork tasks and works comfortably in group tasks.
- S10. Ability to socialize with co-workers - capability to establish friendships with co-workers, e.g., shows interest in what others are doing and appears comfortable in social interactions.
- S11. Social communication skills - ability to express oneself in social interactions, e.g., expresses likes and dislikes appropriately and initiates conversations with others.

Table 1 (continued)

---

Factor Analytic Scales

- F1. Task orientation - ability to demonstrate sound cognitive skills and work habits on the job, e.g., learns quickly, initiates activity, and performs independently.
- F2. Social skills - ability to relate to co-workers, e.g., friendly, sociable, works well with others.
- F3. Work motivation - ability to accept routine assignments and respond to changes, e.g., willingly accepts work assignments and moves readily to new tasks.
- F4. Work conformance - ability to adapt to work role requirements and to control self-expression, e.g., conforms to rules and regulations and displays good judgment in use of obscenities and vulgarities.
- F5. Personal presentation - ability to respond appropriately to authority figures, e.g., sufficiently alert and aware and requests help in an appropriate fashion.
-

Because some of the language used in the WPP-SR requires a seventh grade level of reading comprehension, the WPP-SR should not be routinely administered to clients who read below this level. As suggested above, one important function of the WPP-SR is that it may help evaluatees to monitor their own work behavior. Because mature work behavior entails some subtle concepts and distinctions, it follows that some subtle language would have to be used in the WPP-SR items. For this reason, it is recommended that the WPP-SR be administered via audio-tape to evaluatees who read at the sixth grade level or below.

The audio-tape prepared for administering the WPP-SR should begin with a brief introduction, then give the instructions and response format, followed by the 58 items, each read twice. The evaluatee should be encouraged to read along and respond to each item on the WPP-SR instrument form. We recommend that simplified definitions be given for the following words, when they first occur: Sufficiently (No. 2), virtually (No. 5), appropriate (No. 6), supervisory (No. 7), appropriately (No. 8), appropriately (No. 11), initiate (No. 12), resistance (No. 15), prompting (No. 17), initiate (No. 23), conform (No. 24), satisfactory (No. 25), productivity (No. 28), tasks (No. 33), social interactions (No. 34), initiate (No. 35), appropriately (No. 37), initiate (No. 41), appropriate (No. 50), previously (No. 54), occasional (No. 55), and appropriately (No. 57).

Providing definitions of important terms to the evaluatee is entirely consistent with the view that completing the WPP-SR is primarily an educational experience. The objective of the WPP-SR is to provide an opportunity for the evaluatee to participate in the work evaluation process. Accordingly, the evaluatee's self-ratings on the WPP-SR should be compared directly to the evaluator's independent, professional perspective concerning the evaluatee's level of work adjustment. Hence, there are no norms for the WPP-SR and the only meaningful frame of reference is the simultaneously completed evaluator WPP. Both instruments are scored and reported on the same profile graph by the WPP floppy disk (see Appendix 1).

## Research Study

### Sample

The research sample consisted of 247 clients who were receiving rehabilitation services at the Hot Springs Rehabilitation Center (HSRC). Because of the obvious relevance of reading ability to the completion of self-report instruments like the WPP-SR, the sample was divided into high and low reading groups. The high group included 131 clients with reading ability of seventh grade or above and the low group consisted of 117 clients with reading



ability of sixth grade or below. Reading level was assessed with the Wide Range Achievement Test, Revised Edition. The research sample is described on four demographic characteristics and reading level in Table 2. (Tables 2 through 16 are in Appendix 2.) It can be observed that the low reading group was younger, less well educated, and included a larger number of clients with mental retardation and non-orthopedic medical disabilities.

## Results

1. Internal consistency reliability data indicate that evaluatees' self ratings (WPP-SR) compare favorably with evaluators' ratings (WPP) of evaluatees. In comparison to the median alpha coefficients for the WPP rational scales ( $\alpha = .80$ ) and factor scales ( $\alpha = .88$ ), the coefficients for the WPP-SR rational scales ( $\alpha = .75$ ) and factor scales ( $\alpha = .80$ ) were just slightly lower. The alpha coefficients for the low reading groups (in comparison to the high reading group) were only slightly lower for the rational scales and about the same for the factor scales (see Table 3).
2. Evaluatees in the high-reading group were rated (WPP) higher by their evaluators ( $M = 3.00$ ) than evaluatees in the low-reading group were rated by their evaluators ( $M = 2.86$ ). Evaluatees in the high-reading group rated themselves (WPP-SR) higher ( $M = 3.43$ ) than evaluatees in the low-reading group ( $M = 3.25$ ). Evaluatees in both the high-reading and low-reading groups rated themselves (WPP-SR) higher than did their evaluators (WPP). (3.43 vs. 3.00 and 3.25 vs. 2.86, respectively). (See Tables 4, 5, 6).
3. Evaluatees in the high-reading group scored higher on the nine aptitudes measured by the General or Nonreading Aptitude Test Battery (G/NATB) than evaluatees in the low-reading group, especially on the cognitive aptitudes (GVN). Evaluatees in the high-reading group were different from evaluatees in the low-reading group on the following personality traits measured by the Sixteen Personality Factor Questionnaire-Form E (16 PF-E): more intelligent (+B), more serious (-F), more conscientious (+G), more timid (-H), more sensitive (+I), more trusting (-L), more imaginative (+M), more confident (-O), more liberal (+Q<sub>1</sub>), more self-sufficient (+Q<sub>2</sub>), more introverted (-I), more emotional (-III), and more disciplined (+V). Evaluatees in the high-reading group scored higher on the Employability Maturity Interview (EMI) total score (see Table 7).
4. There is very little evidence of agreement between evaluators' ratings (WPP) of evaluatees and evaluatees' self-ratings (WPP-SR) in the high-reading group, and

none in the low reading-group (median convergent correlations of .17 and .08, respectively) (See Table 8).

5. Evaluators' ratings (WFP) of evaluatees were correlated with evaluatees' aptitude levels, as measured by the G/NATB. In the high-reading group, evaluators rated evaluatees higher who possessed higher levels of aptitude. This general finding encompassed all of the work behavior scales concerned directly with work (S1-S6 & F1) and all aptitudes except finger dexterity (F). The highest relationships occurred for Ability to Profit from Instruction (S2), Amount of Supervision Required (S5), and Work Orientation (F1) with general learning ability (G), numerical aptitude (N), and form perception (P). In the low reading group, the relationships between evaluators' ratings and evaluatees' aptitudes were similar, but with fewer aptitudes associated with evaluators' ratings. The aptitudes with the highest correlations were general learning ability (G), verbal aptitude (V), numerical aptitude (N), and spatial aptitude (S) (See Table 9).
6. Evaluatees' self-ratings (WPP-SR) were only slightly correlated with their measured aptitudes. For the high reading group verbal aptitude (V) and motor coordination (K) were associated with higher self-ratings on Ability to Profit from Instruction (S2), Amount of Supervision Required (S5), and Task Orientation (F1) (See Table 10).
7. Evaluators' ratings (WPP) of evaluatees were correlated with some personality traits of evaluatees, as measured by the 16PF-E. In the high reading group, evaluators rated evaluatees higher who were: more intelligent (+B), more emotionally stable (+C), more worldly (+N), more conservative (-Q<sub>1</sub>), and more dependent (-IV). In the low reading group, evaluators rated evaluatees higher who were: more reserved (-A), more intelligent (+B), more conforming (-E), more self-sufficient (+Q<sub>2</sub>), more introverted (-I), and more dependent (-IV) (See Tables 11 & 12).
8. The personality correlates of evaluatees' self-ratings (WPP-SR) divided clearly into two broad functioning areas of work competence: (a) behaviors concerned directly with work (S1-S6) and (b) behaviors in the work setting that emphasize appropriate social interaction (S7-S11). Accordingly, the results in this section are partitioned into these two classes.

In the high reading group, evaluatees' self-ratings of their work behavior (S1-S6) were positively associated with greater conscientiousness (+G), greater



confidence (-O), better adjustment (+II), and greater discipline (+V). Higher self-ratings of social behavior (S7-S11) were correlated with greater enthusiasm (+F), greater spontaneity (+H), greater group dependence (-Q<sub>2</sub>), and greater extraversion (+I).

In the low reading group, evaluatees' self-ratings of their work behavior (S1-S6) were positively associated with better emotional stability (+C), higher imagination (+M), and better adjustment (+II). Higher self-ratings of social behavior (S7-S11) were correlated with better emotional stability (+C), greater enthusiasm (+F), greater spontaneity (+H), greater group dependence (-Q<sub>2</sub>), greater extraversion (+I), and better adjustment (+II) (see Tables 13 & 14). It should be noted that group dependence (-Q<sub>2</sub>) means "easier to get along with." Also, the different patterns of personality correlates for the high and low groups are not unexpected, considering the large profile differences (see No. 3 above).

9. Evaluators' ratings (WPP) of evaluatees were only slightly influenced by evaluatees' levels of vocational maturity, as measured by the total score on the Employability Maturity Interview. Evaluatees' self-ratings (WPP-SR) were unrelated to their levels of vocational maturity.
10. When HSRC outcomes were categorized into three groups (program completers, drop-outs, and non-feasible clients), the only significant relationships observed were the comparisons between evaluators' ratings (WPP) of the completers and non-feasible clients for the high reading group (see Tables 15 and 16).

### Conclusions

The typical evaluatee has a substantially different perception (WPP-SR) of his/her level of work adjustment than does the professional evaluator who observed the individual (WPP). In other words, across the population of clients with severe handicaps to employment, there is virtually no agreement between client and professional views of vocational maturity (i.e., WPP-SR and WPP scores are uncorrelated) and, therefore, there may be little agreement on the client's readiness for vocational training and job placement. Furthermore, evaluatees consistently rate themselves higher (WPP-SR) than their vocational evaluators (WPP), suggesting that the typical evaluatee does not possess a realistic understanding of his/her deficits in fundamental work capabilities.

Evaluatees' reading ability is related to their evaluators' ratings of them (WPP), to their own self ratings

(WPP-SR), to their tested aptitudes (G/NATB), and to their measured personality characteristics (16 PF). Evaluators' ratings (WPP) are influenced substantially by evaluatees' work-relevant aptitudes (i.e., evaluatees with higher G/NATB scores are rated higher), while evaluatees' self-ratings (WPP-SR) are more influenced by their personality traits as measured by the 16 PF.

## Appendix 1

### Instructions for the WPP Floppy Disk<sup>a</sup>

To activate the Work Personality Profile for computers without a hard drive:

- a. Place the DOS diskette for your machine in drive A and turn on the power switches for the display, base unit and printer.
- b. Follow the standard procedures described in your operations manual to reach the A> prompt.
- c. Place the WPP diskette in drive B.
- d. Type the following command:  
  
Copy Command.Com B:
- e. Press the ENTER key.
- f. Remove the DOS diskette and place the WPP diskette in drive A.
- g. Type WPPSR and press the ENTER key to reach the initial input screen, and follow the instructions on the screen to enter the scores and generate the WPP Report.

To activate the Work Personality Profile for computers with a hard drive:

- a. Place the WPP diskette in drive A.
- b. Type the following command:  
  
Copy Command.Com A:
- c. Press the ENTER key.
- d. Type the following command:  
  
A:
- e. Press the ENTER key.
- d. Type WPPSR and press the ENTER key to reach the initial input screen, and follow the instructions on the screen to enter the scores and generate the WPP report.

---

<sup>a</sup>The WPP was programmed for microcomputer by Paul M. Kuroda and Jeanne Neath of the Arkansas Research and Training Center in Vocational Rehabilitation.

Appendix 2

Table 2  
Demographic Characteristics of the Research Sample

1) Reading:	<u>High Group</u>		<u>Low Group</u>	
	<u>Grade</u>	<u>%</u>	<u>Grade</u>	<u>%</u>
	12	31%	6	11%
	11	12%	5	24%
	10	11%	4	12%
	9	13%	3	13%
	8	16%	Below 3	40%
	7	16%		
2) Disability:	<u>High Group</u>		<u>Low Group</u>	
	Orthopedic	40%	22%	
	Other Medical	29%	56%	
	Emotional	24%	4%	
	Sensory	6%	4%	
Intellectual	1%	14%		
3) Education:	<u>High Group</u>		<u>Low Group</u>	
	3-8	11%	12%	
	9-11	18%	30%	
	12	63%	58%	
	13-16	8%	--	
4) Age:	<u>High Group</u>		<u>Low Group</u>	
	17-20	23%	60%	
	21-30	35%	26%	
	31-40	27%	9%	
	41-50	12%	3%	
	51-60	3%	2%	
5) Sex:	<u>High Group</u>		<u>Low Group</u>	
	Male	65%	69%	
	Female	35%	31%	

Table 3  
Internal Consistency Reliabilities for the WPP and WPP-SR<sup>a</sup>

	<u>Reading Level</u>				
	<u>High Group</u>		<u>Low Group</u>		
	<u>WPP</u>	<u>WPP-SR</u>	<u>WPP</u>	<u>WPP-SR</u>	
S1	.87	.78	S1	.80	.81
S2	.88	.77	S2	.87	.81
S3	.82	.67	S3	.79	.75
S4	.82	.81	S4	.71	.72
S5	.90	.80	S5	.89	.80
S6	.74	.74	S6	.77	.54
S7	.73	.61	S7	.74	.68
S8	.77	.59	S8	.73	.53
S9	--	.85	S9	--	.82
S10	--	.80	S10	--	.61
S11	--	.69	S11	--	.71
F1	.96	.93	F1	.95	.92
F2	--	.89	F2	--	.85
F3	--	.79	F3	--	.81
F4	.88	.76	F4	.87	.78
F5	.84	.75	F5	.72	.80

Comparison of WPP and WPP-SR

<u>Scales</u>	<u>WPP</u>				<u>WPP-SR</u>				
	<u>High R</u>		<u>Low R</u>		<u>High R</u>		<u>Low R</u>		
	<u>Rg</u>	<u>M</u>	<u>Rg</u>	<u>M</u>	<u>Scales</u>	<u>Rg</u>	<u>M</u>	<u>Rg</u>	<u>M</u>
S1-S8	.73-.90	.82	.71-.89	.78	S1-S11	.59-.85	.77	.53-.82	.72
F1,4,5	.84-.96	.88	.72-.95	.87	F1-F5	.75-.93	.79	.78-.92	.81

<sup>a</sup>Evaluators typically did not complete the items composing S9, S10, S11, F2, and F3 because they had limited opportunities to observe clients during social interactions.

Table 4  
Means and Standard Deviations on the WPP and WPP-SR

	Reading Level							
	High (W=131)				Low (W=116)			
	WPP		WPP-SR		WPP		WPP-SR	
	M	S	M	S	M	S	M	S
S1	3.27	0.44	3.60	0.35	3.13	0.37	3.33	0.48
S2	2.93	0.47	3.55	0.49	2.76	0.40	3.34	0.52
S3	3.01	0.57	3.49	0.47	2.80	0.52	3.21	0.59
S4	3.01	0.48	3.42	0.50	2.87	0.39	3.18	0.57
S5	2.82	0.53	3.34	0.50	2.65	0.47	3.11	0.59
S6	2.93	0.47	3.49	0.56	2.77	0.47	3.39	0.57
S7	2.98	0.43	3.39	0.47	2.91	0.36	3.23	0.59
S8	3.02	0.43	3.58	0.45	2.98	0.41	3.34	0.60
S9	--	--	3.47	0.59	--	--	3.24	0.58
S10	--	--	3.17	0.60	--	--	3.09	0.50
S11	--	--	3.29	0.49	--	--	3.15	0.53
F1	2.90	0.47	3.42	0.42	2.72	0.41	3.25	0.49
F2	--	--	3.33	0.50	--	--	3.19	0.48
F3	--	--	3.51	0.41	--	--	3.28	0.52
F4	3.18	0.48	3.44	0.42	3.07	0.45	3.16	0.53
F5	3.06	0.39	3.56	0.35	2.95	0.29	3.36	0.51
M	3.00		3.43		2.86		3.25	

Table 5  
 Statistical Comparisons of the High and Low Reading Groups

	WPP		WPP-SR		
	<u>t</u>	<u>p</u>	<u>t</u>	<u>p</u>	<u>p</u>
S1	2.69	.008	4.91	.0001	.0001
S2	3.05	.003	3.41	.001	.001
S3	2.96	.006	1.30	.19	.19
S4	2.46	.02	3.61	.0005	.0005
S5	2.68	.008	3.31	.001	.001
S6	2.74	.007	1.21	.23	.23
S7	1.35	.18	2.37	.02	.02
S8	0.79	.43	3.58	.0004	.0004
S9	--	--	3.37	.001	.001
S10	--	--	1.14	.26	.26
S11	--	--	2.21	.03	.03
F1	3.18	.002	2.93	.004	.004
F2	--	--	2.25	.03	.03
F3	--	--	3.78	.0002	.0002
F4	1.77	.08	4.58	.0001	.0001
F5	2.40	.02	3.58	.0001	.0001

Table 6  
 Statistical Comparisons of the WPP and WPP-SR<sup>a</sup>

	<u>High Reading Group</u>		<u>Low Reading Group</u>	
	<u>t</u>	<u>p</u>	<u>t</u>	<u>p</u>
S1	-7.86	.0001	-3.84	.0002
S2	-13.21	.0001	-9.61	.0001
S3	-6.90	.0001	-7.56	.0001
S4	-7.74	.0001	-4.91	.0001
S5	-9.33	.0001	-6.74	.0001
S6	-9.23	.0001	-9.63	.0001
S7	-7.87	.0001	-5.19	.0001
S8	-10.20	.0001	-5.58	.0001
F1	-10.90	.0001	-9.26	.0001
F4	-5.16	.0001	-1.47	.15
F5	-11.33	.0001	-7.66	.0001

<sup>a</sup>Paired t-tests



Table 7  
 Statistical Comparisons of High and Low Reading Groups on  
 Aptitudes, Personality, and Employability Maturity

<u>G/NATB</u>	<u>High Group</u>		<u>Low Group</u>		<u>t</u>	<u>p</u>
	<u>M</u>	<u>S</u>	<u>M</u>	<u>S</u>		
G	84.31	13.94	69.00	14.59	8.32	.0001
N	90.66	11.46	74.90	13.69	9.75	.0001
V	80.70	16.21	68.45	16.46	5.81	.0001
S	92.24	18.19	84.76	18.24	3.19	.002
P	89.56	21.61	88.70	21.31	0.31	.76
Q	99.24	15.04	92.28	15.45	3.55	.0005
K	79.30	22.36	73.30	21.11	2.11	.04
L	71.63	22.90	66.21	22.52	1.69	.09
M	81.62	27.25	78.06	24.46	1.01	.31
<u>16PF</u>						
A	5.42	1.93	5.39	1.74	0.16	.87
B	5.98	1.48	4.53	1.55	7.52	.0001
C	5.05	2.08	5.14	1.72	-0.36	.72
E	5.70	1.88	5.88	1.80	-0.75	.45
F	5.54	1.77	6.04	1.66	-2.25	.03
G	5.68	1.80	5.18	1.97	2.08	.04
H	5.34	1.78	5.63	1.60	-1.35	.18
I	5.82	1.99	5.00	1.72	3.40	.001
L	5.44	1.71	5.82	1.63	-1.76	.08
M	6.06	1.68	5.56	1.68	2.32	.02
N	5.92	2.01	5.78	1.88	0.54	.59
O	5.97	1.81	6.28	1.78	-1.35	.18
Q <sub>1</sub>	5.72	1.65	5.20	1.64	2.43	.02
Q <sub>2</sub>	5.51	1.90	5.23	1.62	1.26	.21
Q <sub>3</sub>	5.44	1.92	5.34	1.84	0.40	.69
Q <sub>4</sub>	5.98	1.72	5.78	1.72	0.89	.38
I	5.46	1.92	5.86	1.62	-1.73	.09
II	5.07	1.81	5.05	1.67	0.12	.90
III	4.89	2.03	5.94	1.73	-4.30	.0001
IV	5.40	1.79	5.48	1.80	-0.36	.72
V	5.57	1.83	5.15	1.88	1.77	.08
<u>EMI</u>						
Total	12.93	4.26	10.59	4.45	4.17	.0001

Table 8  
 Significant Correlations Between the WPP and WPP-SR for High and Low Reading Groups

WPP	WPP-SR (High Group)										
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>
1)	<u>.25</u>	.21	.24	.18	.20			.25			
2)		<u>.26</u>	.21	.17	.24	.19	.17	.21			
3)			<u>.20</u>		.24	.22		.19			
4)				<u>.22</u>	.27	.21	.18	.20			
5)					<u>.21</u>			.22			
6)						<u>.14</u>					
7)							<u>.08</u>				
8)								<u>.01</u>			

$\bar{r} = .17, p < .05$   
 $\bar{r} = .22, p < .01$

WPP	WPP-SR (Low Group)										
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>
1)	<u>.09</u>										
2)		<u>.02</u>									-.21
3)			<u>.11</u>								
4)				<u>.07</u>							
5)					<u>.05</u>						
6)						<u>.12</u>					
7)							<u>.09</u>				
8)								<u>.11</u>			

$\bar{r} = .18, p < .05$   
 $\bar{r} = .23, p < .01$

Table 9  
 Significant Correlations Between the WPP and Aptitudes for High  
 and Low Reading Groups

WPP	Aptitudes (High Group)								
	<u>G</u>	<u>N</u>	<u>V</u>	<u>S</u>	<u>P</u>	<u>Q</u>	<u>K</u>	<u>L</u>	<u>M</u>
S1	.19	.18	.26		.26	.19	.20		
S2	.41	.32	.39	.28	.33	.27	.30		.24
S3	.25	.20	.26	.21	.28	.19	.24		
S4	.28	.20	.27	.27	.33	.25	.25		.24
S5	.41	.29	.41	.33	.40	.36	.37	.22	.30
S6	.21		.24		.19	.18	.24		.25
S7									
S8									
F1	.39	.28	.39	.29	.37	.32	.35		.29
F4									
F5									

  

WPP	Aptitudes (Low Group)								
	<u>G</u>	<u>N</u>	<u>V</u>	<u>S</u>	<u>P</u>	<u>Q</u>	<u>K</u>	<u>L</u>	<u>M</u>
S1									
S2	.36	.28	.32	.30					.21
S3	.32	.24	.30	.27					
S4	.24	.21	.22	.22					.20
S5	.36	.28	.31	.28	.27				.21
S6	.31	.29	.27	.22			.23		.26
S7									
S8									
F1	.37	.30	.33	.29	.21				.21
F4									
F5									.21

Table 10  
 Significant Correlations Between the WPP-SR and Aptitudes for  
 High and Low Reading Groups

WPP-SR	Aptitudes (High Group)								
	<u>G</u>	<u>N</u>	<u>V</u>	<u>S</u>	<u>P</u>	<u>Q</u>	<u>K</u>	<u>L</u>	<u>M</u>
S1							.21		
S2			.24		.23	.18	.24		
S3							.21		
S4							.23		
S5			.23						
S6									
S7									
S8									
S9									
S10									
S11			.21						
F1			.21		.20		.23		
F2			.22						
F3									
F4							.21		
F5							.18		

  

WPP-SR	Aptitudes (Low Group)								
	<u>G</u>	<u>N</u>	<u>V</u>	<u>S</u>	<u>P</u>	<u>Q</u>	<u>K</u>	<u>L</u>	<u>M</u>
S1	.20	.20							
S2									
S3								-.21	
S4	.23								
S5		.20							
S6		.20							
S7									
S8									
S9									
S10									
S11									
F1	.18	.18							
F2									
F3									
F4									
F5	.19								

Table 11  
 Significant Correlations Between the WPP and Personality for the  
 High Reading Group

WPP	16 PF										
	A	B	C	E	F	G	H	I	L	M	N
S1											
S2		.28	.31								.20
S3			.25								
S4			.22								.20
S5		.22	.26								.23
S6			.21								
S7		.18									
S8		.18	.19	-.20							
F1		.22	.28								.22
F4				-.20							
F5		.24	.18								
WPP	Q	Q1	Q2	Q3	Q4	I	II	III	IV	V	
S1											
S2							.21				
S3											
S4			.18								
S5											
S6											
S7	-.20										
S8	-.18								-.27		
F1							.18				
F4									-.24		
F5	-.21								-.18		

Table 12  
 Significant Correlations Between the WPP and Personality for the  
 Low Reading Group

WPP	16 PF										
	A	B	C	E	F	G	H	I	L	M	N
S1				-22							
S2	-18	21		-26							
S3				-26							
S4	-19	20		-29				-21			
S5		24		-27							
S6				-19							
S7								-19		-19	
S8											
F1	-21	22		-29							
F4				-20							
F5				-25							
WPP	O	Q1	Q2	Q3	Q4	I	II	III	IV	V	
S1									-20		
S2			30			-22			-21		
S3						-19			-20		
S4									-25		
S5			24			-19			-24		
S6									-19		
S7								22			
S8											
F1			25			-22			-25		
F4											
F5									-21		

Table 13  
 Significant Correlations Between the WPP-SR and Personality for  
 the High Reading Group

WPP-SR	16 PF										
	A	B	C	E	F	G	H	I	L	M	N
S1				-23		20			-18		
S2						23	21				
S3						31			-18		
S4						24	18				19
S5						25	20				
S6							19				
S7					20		26				
S8							22				
S9	23				27		30				
S10	25				32		29				
S11					26		31				
F1						28	23				
F2	25				34		34				
F3					20	19	17				
F4											
F5							24				
WPP-SR	Q	Q1	Q2	Q3	Q4	I	II	III	IV	V	
S1	-17						20		-19	18	
S2	-19						18			23	
S3							21			28	
S4	-25						21			20	
S5	-25						24			27	
S6	-19										
S7	-28		-19		-21	25	26				
S8	-21		-18			19					
S9			-30	-17		37					
S10			-35			41					
S11	-24		-23			30					
F1	-25						23			27	
F2			-36			43					
F3			-17			22					
F4	-28						26				
F5	-23					20	20				

Table 14  
 Significant Correlations Between the WPP-SR and Personality for  
 the Low Reading Group

WPP-SR	16 PF										
	<u>A</u>	<u>B</u>	<u>C</u>	<u>E</u>	<u>F</u>	<u>G</u>	<u>H</u>	<u>I</u>	<u>L</u>	<u>M</u>	<u>N</u>
S1											
S2			18							19	
S3			24								
S4			18							23	
S5			24								
S6			19							19	
S7			25								
S8			21							20	
S9			18		25		28				
S10			19		29		29				
S11			31								
F1			24								
F2			28		25		29				
F3											
F4			23								
F5			21			20			23		
WPP	<u>0</u>	<u>Q1</u>	<u>Q2</u>	<u>Q3</u>	<u>Q4</u>		<u>I</u>	<u>II</u>	<u>III</u>	<u>IV</u>	<u>V</u>
S1											
S2								19			
S3						-22		25			
S4								20			
S5	-19			20				25			
S6						-20					
S7						-24		23			
S8											
S9			-21				30	21		20	
S10			-30				36				
S11			-27				19	20			
F1								25			
F2			-33				35	22			
F3											18
F4						-22		21			
F5											



Table 15  
WPP and WPP-SR Means and HSRC Outcomes - High Group

Group <sup>a</sup>	Evaluator (WPP)											F1	F2	F3	F4	F5	
	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11						
Completer (n = 46)	3.31	2.96	3.01	3.00	2.82	3.04	3.08	3.13					2.92			3.26	3.14
Drop-out (n = 32)	3.32	3.01	3.12	3.16	2.92	3.03	3.00	2.99					3.00			3.19	3.10
Not Feasible <sup>b</sup> (n = 26)	3.02**	2.69*	2.80	2.82	2.59	2.73**	2.85*	2.92*					2.68			2.96**	2.89**
	Evaluee (WPP-SR)											F1	F2	F3	F4	F5	
	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11						
Completer	3.59	3.51	3.29	3.36	3.32	3.43	3.33	3.52	3.49	3.08	3.28	3.37	3.28	3.47	3.44	3.5	
Drop-out	3.56	3.53	3.49	3.41	3.27	3.45	3.45	3.64	3.36	3.17	3.27	3.40	3.29	3.46	3.41	3.62	
Not Feasible	3.63	3.56	3.51	3.53	3.48	3.58	3.41	3.59	3.56	3.34	3.42	3.51	3.49	3.58	3.46	3.57	

<sup>a</sup>Completers are those clients who successfully completed vocational training programs; Dropouts are those individuals who left the Center for personal reasons; Non-feasible clients are those individuals who are dismissed for either disciplinary problems or inability to acquire vocational skills.

<sup>b</sup>Comparisons between Completers and Non-feasible clients, \*p < .05, \*\*p < .01.

Table 16  
**WPP and WPP-SR Means and HSRC Outcomes - Low Group**

<u>Group<sup>a</sup></u>	<u>Evaluator (WPP)</u>											<u>F1</u>	<u>F2</u>	<u>F3</u>	<u>F4</u>	<u>F5</u>
	<u>S1</u>	<u>S2</u>	<u>S3</u>	<u>S4</u>	<u>S5</u>	<u>S6</u>	<u>S7</u>	<u>S8</u>	<u>S9</u>	<u>S10</u>	<u>S11</u>					
Completer ( <u>n</u> = 32)	3.04	2.69	2.73	2.82	2.61	2.60	2.84	3.01				2.65			3.00	2.89
Drop-out ( <u>n</u> = 39)	3.15	2.76	2.85	2.85	2.64	2.76	2.88	2.92				2.72			3.10	2.95
Not Feasible ( <u>n</u> = 22)	2.96	2.70	2.58	2.77	2.52	2.86	2.91	2.89				2.62			2.90	2.90
	<u>Evaluee (WPP-SR)</u>											<u>F1</u>	<u>F2</u>	<u>F3</u>	<u>F4</u>	<u>F5</u>
	<u>S1</u>	<u>S2</u>	<u>S3</u>	<u>S4</u>	<u>S5</u>	<u>S6</u>	<u>S7</u>	<u>S8</u>	<u>S9</u>	<u>S10</u>	<u>S11</u>					
Completer	3.29	3.33	3.43	3.13	3.18	3.36	3.30	3.25	3.30	3.01	3.20	3.28	3.16	3.29	3.15	3.36
Drop-out	3.37	3.35	3.31	3.22	3.17	3.40	3.19	3.44	3.31	3.23	3.22	3.28	3.32	3.32	3.19	3.37
Not Feasible	3.30	3.36	3.22	3.21	3.11	3.36	3.24	3.35	3.18	3.10	3.08	3.25	3.15	3.24	3.15	3.33

<sup>a</sup>Completers are those clients who successfully completed vocational training program; Dropouts are those individuals who left the Center for personal reasons; Non-feasible clients are those individuals who are dismissed for either disciplinary problems or inability to acquire vocational skills.

## Employability Assessment Materials for Vocational Rehabilitation

Helping Clients to take their places in the world of work is what vocational rehabilitation is all about, and reliable assessment is the key to planning individualized programs that can effectively enhance the employability of people with disabilities.

As a result of its five-year project entitled *Enhancing Employability of Persons with Disabilities*, the *Arkansas Research and Training Center in Vocational Rehabilitation* has developed a Diagnostic Employability Profile of assessment components which can be used separately or in conjunction with employability interventions developed by the Center.

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