

**P260.1 Working Group
Minutes of June 19, 2023 from 10 AM to 12 PM PDT
Web Teleconference Meeting**

1. Call to Order

Call to order at 10:04 AM (PDT).

Last, First Name	Affiliation	Present
Curey, Randy (Chair)	Northrop Grumman	Yes
Balma, Peter	Retired, Self	Yes
Edwards, Doug (Secretary)	Siemens	Yes
Ressel, Howard	Retired, Self	Yes
Webb, John	ABB	Yes
Flowers, Keith	Siemens	No
Sullivan, Paul	DuPont	Yes

2. Determination of Quorum

Quorum was met.

3. Approval of Agenda

No objections. Approved by acclamation.

4. Approval of Meeting Minutes

Correction made to [P260.1 WG Minutes \(2023-05-22.R1\)](#) minutes.

- Howard Ressel was present.
- Doug Edwards was not present.

Minutes are approved as amended.

[P260.1 WG Minutes \(2023-05-22.R2\)](#) are posted.

5. Call for Patents / Copyright

- Patent Slides reminder discussed.
- Copyright discussed.
- No Patent or Copyright issues reported.
- Participant behavior discussed.

6. Chair's Remarks

None.

7. Resolve identified issues from recirculation ballot in Comment Resolutions

- a. Line 490 – for exact conversions.

Resolution: Liquid – Gallon is defined as 231 in³. As the conversion from inches to meters is exact and a liter is defined in terms of m³. Thus, the conversion from Gallon to Liters is defined/exact. And, as all US liquid measurements are defined per gallon. Thus, the exact conversion of US liquid measurements is defined/exact. This covers:

- | | | |
|----------|--------------|------------|
| • Gallon | • Pint | • Teaspoon |
| • Barrel | • Cup | • Ounce |
| • Quart | • Tablespoon | |

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Resolution: Distances – Inches to Meters is exact and inches to other US measurements is exact the following terms are also exact:

- foot
- inch
- mile
- yard
- circular mil – Added disposition comments associated with use of n are exact.
- micron – Note and footnote added stating its use is not recommended as it can be confused with SI prefix.

For dry volumes:

- Pint (US dry), reference for exact conversion per USDA Handbook 697
- Quart (US dry)

Avoirdupois values are defined and exact conversions based on pound to kg.

Thus applicable to:

- Ounce (avoirdupois)

Imperial values are defined and exact conversions based there being a defined and exact conversion for pint (imperial). Thus, applicable to:

- Quart (imperial) – just multiply by two (2).

Others

- A slinch is exact in terms of slugs.
- A stokes is exact – multiple source converting cgs to mks system.

Stopped with stokes.

Status: Pending review of 10 conversions factors:

- British thermal unit (international table)
- British thermal unit (thermochemical)
- Gauss
- Grain
- Joule
- Maxwell
- Oersted
- Poundal
- Second (plane angle)
- Troy ounce

8. Next Meeting

A Doodle poll will be sent out to determine next meeting date.

9. Adjournment

Meeting adjourned at 12:08 PM (PST).

Reported by,
Doug Edwards, Siemens
Secretary, P260.1 WG