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ASTM International Technical Committee F48 on Exoskeletons and Exosuits

Scope

The development and maintenance of standards for exoskeletons and exosuits. The Committee will encourage research in this field and sponsor symposia, workshops, and publications to facilitate the development of such standards. The work of this Committee will be coordinated with other ASTM technical committees and organizations having mutual or related interests.

Technical Subcommittees

- F48.01 Design and Manufacturing
- F48.02 Human Factors and Ergonomics
- F48.03 Task Performance and Environmental Considerations
- F48.04 Maintenance and Disposal
- F48.05 Security and Information Technology
- F48.06 Risk Management
- F48.90 Executive
- F48.90.05 Innovation and Research
- F48.91 Terminology

Key Documents and Proposed Standards

- F3323 Standard Terminology for Exoskeletons and Exosuits
- F3358 Standard Practice for Labeling and Information for Exoskeletons
- F3392 Standard Practice for Exoskeleton Wearing, Care, and Maintenance Instructions
- F3323 Standard Terminology for Exoskeletons and Exosuits
- F3427 Standard Practice for Documenting Environmental Conditions for Utilization with Exoskeleton Test Methods
- WK65295 Load Handling When Using an Exoskeleton
- WK65346 Safety Considerations in Designing and Selecting Exoskeletons for Industrial, Medical and Military Applications
- WK65587 Assessing System Training
- WK68670 Designing for Population Accommodation
- WK68719 System Usefulness and Usability
- WK68929 Ergonomics of the Exoskeleton/Exosuit System
- WK76659 Effective Cybersecurity Management for Exoskeletons

Learn more about Committee F48
www.astm.org/COMMIT/F48



Quick Facts

Established 2017

Number of Members 205+

Number of Standards 7

Global Participation

16 Countries represented

The standards are available in

Volume 15.08 in the *Annual Book of ASTM Standards*

Meetings F48 meets twice each year, in the Spring at ASTM and in the Fall in conjunction with industry related events

Exo Technology Center of Excellence

<https://www.etcoe.org/>

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