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URL

<https://standards.nasa.gov/>

Subject

Space science—Standards

Accessibility

Free

Language

English

Publisher

NASA

Brief History

The NASA Technical Standards System is a key element of the NASA Technical Standards Program (NTSP), sponsored by the Office of the NASA Chief Engineer.

Scope & Coverage

Each NASA Technical Standard is assigned to a Technical Discipline. All the standards are arranged under specific subjects, these are Systems Engineering and Integration, Aerospace Environments, Celestial Mechanics, Computer Systems, Software, Information Systems, Human Factors and Health, Electrical and Electronics Systems, Avionics/Control Systems, Optics, Structures/Mechanical Systems, Fluid Dynamics, Thermal, Propulsion, Aerodynamics, Materials and Processes, Parts etc.

Kind of Information

The NASA Technical Standards System (NTSS) is the one-stop shop for NASA engineers. It provides access to technical standards from specifically contracted Standards Developing Organizations (SDOs) at no direct cost to the user via electronic subscription delivery and on a pay-per-document approval basis. While the service is at no cost to the user, however, justification of need and program or project supported for the pay-per-document is carefully considered before the request is approved by the NTSP Manager or designee, as this is an additional cost to the Program. There are examples of document exclusions: Hard copy, CD, DVD, etc., when electronic copies are provided, books, periodicals, training materials, newsletters, magazines, journals, conference proceedings, drafts, handbooks and guides not related to specific standards, etc.

The entry provides standard number, date of registration, current status, parent organization, NASA endorsement date, document scope, superseding document, keywords etc.

Special Features

- Watch Lists and Alert notifications that provide electronic notification when changes occur to registered standards.
- Integration of Application notes from users having unique insight directly related to the use or application of specific standards.
- Feedback process is available in place for questions, comments, and continuous improvement of the system.
- Provision to create a personal document list for quick access is available.
- The NASA Technical Standards System includes NASA Technical Standards, Center Standards, Standards in Development, CCSDS Standards, Special Publications (SPs), Technical Memorandums (TMs), Technical Reports (TRs) etc.

Arrangement Pattern

All the standards, specifications, handbooks are arranged under specific subject categories or disciplines.

Remarks

NTSS is the single-point eAuthorization access to standards, handbooks, specifications, and other standards-related information plus engineering tools, which reduces research time, streamlines workflow, and avoids unnecessary costs.

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