Stamping Green

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ISO snapshot

We are not for profit : selling our standards allows us to finance their development in a neutral environment, to maintain them and to make new ones.

ISO provides a platform for developing practical tools through common understanding and cooperation with all stakeholders.

162
members

100
new standards each month

21848
International Standards

296
technical committees

Standards and conformity assessment

- National and international trade
- Improvement of quality, safety, the environment and health
- Interoperability
- Access to markets
- Optimization of infrastructures
- The evaluation and demonstration of conformity

Standard	Conformity assessment activity	Certificates, test report, inspection report	Accepted everywhere	Trade facilitation
•Product •Service •Process •Person	•Testing, inspection, certification			

Aerospace industry standards

ISO/TC 20 Aircraft and space vehicles
+600 published standards for :

- Design
- Construction
- Test and evaluation
- Operation
- Air traffic management
- Maintenance
- Disposal/end of life
- Safety, reliability and environmental considerations

ISO/TC 20 Sub-committees

- Aerospace electrical requirements
- Aerospace fastener systems
- Standard atmosphere
- Aerospace terminology
- Air cargo and ground equipment
- Aerospace fluid systems and components
- Space data and information transfer systems
- Space systems and operations
- Unmanned aircraft
- Airport Infrastructure
- Materials

Airport infrastructure standards

- **ISO/TC 20/SC17, Airport Infrastructure**
- To cover all infrastructure unique to airport environment
- Development of International Standards such as:
  - Grooving of landing and take-off lanes
  - Asphaltic ecologic paving
  - Vertical signalling with painting and electric-electronic boards (painted and lighted signage)

Conformity assessment - Examples

ISO 55001 – Asset management

- Improve performance of infrastructure, streamline expenditure, strengthen credentials and future proof facilities
- Genève Aéroport - first ISO 55001 certified airport in Europe

Carbon Offsetting Scheme for International Aviation (CORSIA)

- Monitor, report, and verify GHG emissions for international aviation
- In accordance with ICAO and ISO GHG standards
    - *ISO 14065:2013 Greenhouse gases -- Requirements for greenhouse gas validation and verification bodies for use in accreditation or other forms of recognition*
    - *ISO 14064-3:2006 Greenhouse gases -- Part 3: Specification with guidance for the validation and verification of greenhouse gas assertions*
- Endorsed by International Accreditation Forum (IAF) and ICAO
- Promotes multilateral recognition of Verification Bodies (VBs)
- Scheme will cover 80% of CO_2 growth (2021-2035)

Great things happen when the world agrees

THANK YOU

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Conseil canadien des normes