
**Space systems — Electrical, electronic
and electromechanical (EEE) parts —**

Part 2:
Control programme requirements

*Systèmes spatiaux — Composants électriques, électroniques et
électromécaniques (EEE) —*

Partie 2: Exigences du programme de contrôle



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Foreword

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The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 14621-2 was prepared by Technical Committee ISO/TC 20, *Aircraft and space vehicles*, Subcommittee SC 14, *Space systems and operations*.

ISO 14621 consists of the following parts, under the general title *Space systems — Electrical, electronic and electromechanical (EEE) parts*:

- *Part 1: Parts management*
- *Part 2: Control programme requirements*

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Space systems — Electrical, electronic and electromechanical (EEE) parts —

Part 2: Control programme requirements

1 Scope

This part of ISO 14621 establishes technical guidelines for developing and documenting an electrical, electronic and electromechanical (EEE) parts control program, in order to assure that the parts used in the flight hardware are acceptable and possess adequate functional, radiation and reliability characteristics to meet the system requirements. These guidelines are tailorable to the needs of each individual programme based on the project performance criteria, risk tolerance, budget, mission duration, environment, schedule and other considerations. This part of ISO 14621 is applicable to all customers and suppliers furnishing flight hardware and is suitable for reference in proposal instructions.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 14300-1, *Space systems — Programme management — Part 1: Structuring of a programme*

ISO 14300-2, *Space systems — Programme management — Part 2: Product assurance*

ISO 14621-1:—¹⁾, *Space systems — Electrical, electronic and electromechanical (EEE) parts — Part 1: Parts management*

ISO 17666, *Space systems — Risk management*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1

customer

organization or person that receives a product

[ISO 9000:2000]

3.2

manufacturer

company or organization that transforms raw material into a product

EXAMPLE EEE parts manufacturer.

1) To be published.