

ECSS-Q-ST-70-06C: Status and Possible Way-Forward

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Space product assurance

Particle and UV radiation testing for space materials

The role of this Standard is to establish a **baseline for the testing specification.**

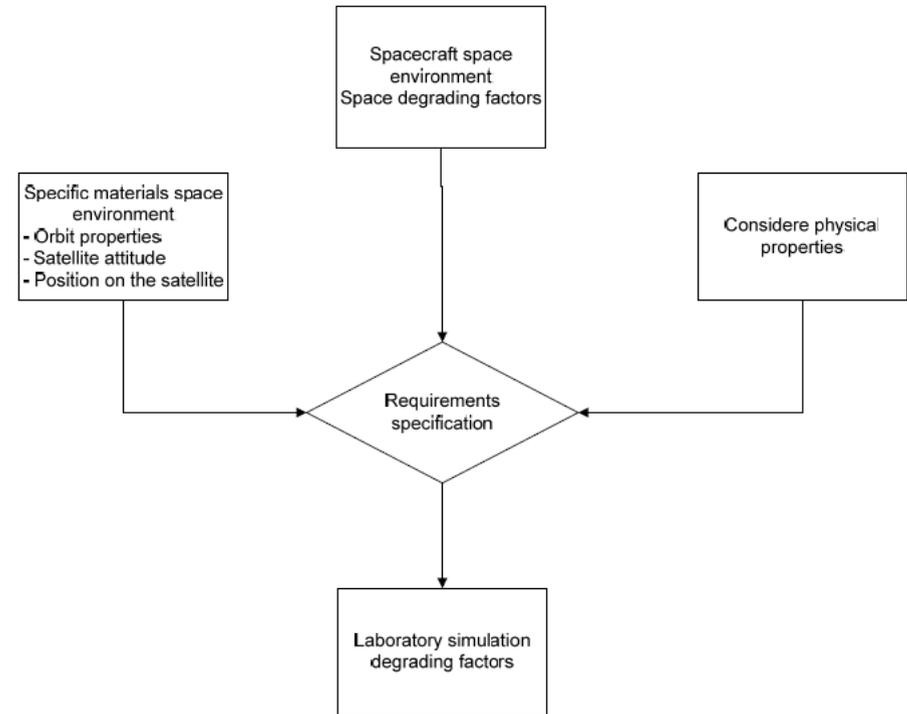
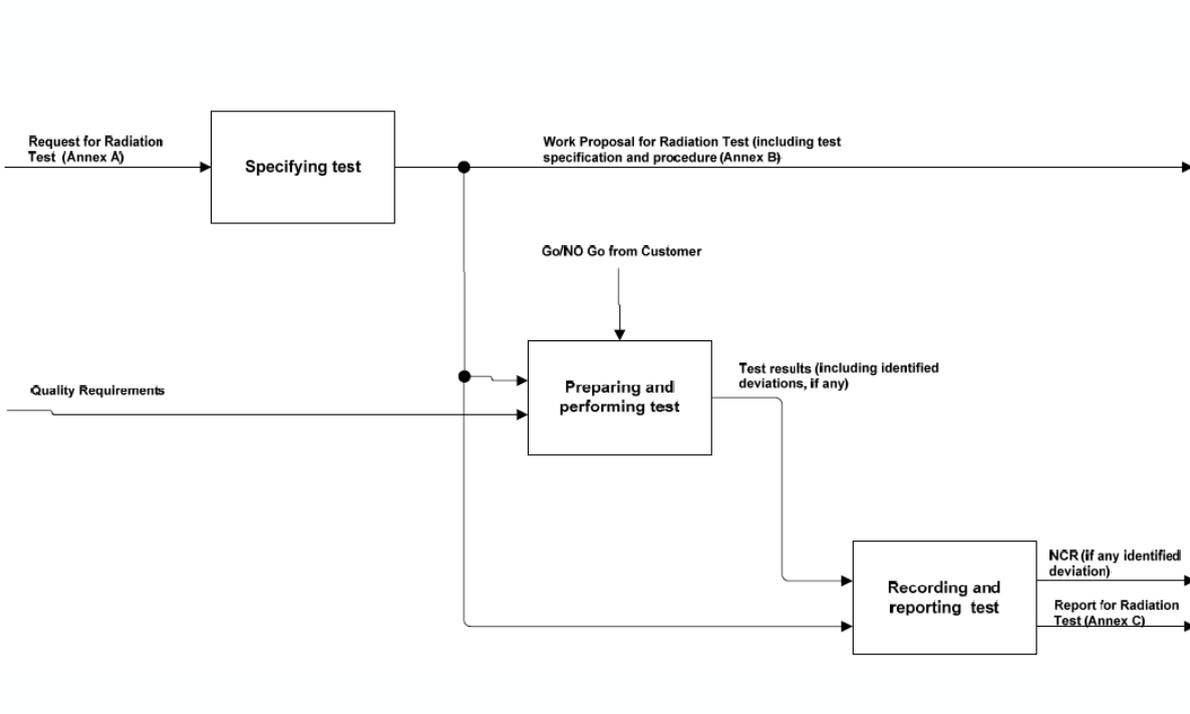
This Standard defines the procedures for electromagnetic radiation and charged particles testing of spacecraft materials.

These materials include for instance thermal control materials, windows, coatings, and structural materials.

The procedures include simulation of the environment and the properties to be verified.

This Standard excludes electronic components.

ECSS Secretariat
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- The Standard is describing a process between a Customer and a Supplier

- The standard is only qualitative, with generic requirements
- A lot of indications are provided through Notes, which are not normative
- The simulation of the space environment is required but the process not specified
- A lot of freedom is allowed

Open Discussion

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