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Aerospace series — Quality management systems — Non-deliverable software requirement

National foreword

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European foreword

This document (EN 9125:2025) has been prepared by ASD-STAN.

After enquiries and votes carried out in accordance with the rules of this Association, this document has received the approval of the National Associations and the Official Services of the member countries of ASD-STAN, prior to its presentation to CEN.

This document shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by November 2025, and conflicting national standards shall be withdrawn at the latest by November 2025.

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Introduction

This document specifies the requirements for the effective control of non-deliverable software utilized in the design, production, evaluation, test, acceptance, or calibration of a deliverable product. This document supersedes the aerospace recommended practice, SAE ARP9005, *Aerospace Guidance for Non-Deliverable Software*, published in June 2005.

This document standardizes, to the greatest extent possible, the non-deliverable software requirements for the Aviation, Space, and Defence industry. The establishment of common requirements for use at all levels of the supply chain by organizations around the world is intended to result in improved quality, schedule, and cost performance by the reduction or elimination of organization unique requirements and wider application of good practices.

Applicability of this document should be based on the context of organization, business, operations and product development. Other standards may be required for higher quality assurance and safety criticality levels as appropriate. The organization should identify applicable non-deliverable software based on the impact to the deliverable products and services.

In this document, the following verbal forms are used:

- “shall” indicates a requirement;
- “should” indicates a recommendation;
- “may” indicates a permission;
- “can” indicates a possibility or a capability.

Information marked as “NOTE” is for guidance in understanding or clarifying the associated requirement, and “e.g.” indicates suggestions given for guidance.¹

See Annex A for a list of acronyms applicable to this document.

¹ Notes to entry used in definitions, however, are considered normative and will provide additional information that supplements the terminological data such as statements, instructions, recommendations or requirements relating to the use of a term.