BS ISO 26870:2022

BSI Standards Publication

# Space systems - Launch pad and integration site operational documents

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# National foreword

This British Standard is the UK implementation of ISO 26870:2022. It supersedes BS ISO 26870:2009, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee ACE/68, Space systems and operations.

A list of organizations represented on this committee can be obtained on request to its committee manager.

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# Space systems — Launch pad and integration site operational documents

*Systèmes spatiaux — Documents opérationnels pour aire de lancement et site d'intégration*

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# Contents

Page

**Foreword** ... **iv**
**Introduction** ... **v**
**1 Scope** ... **1**
**2 Normative references** ... **1**
**3 Terms and definitions** ... **1**
**4 General requirements** ... **4**
4.1 Operational-document applicability ... 4
4.2 Overall content requirements ... 5
4.3 Publishing medium ... 5
4.4 Approval and delivery ... 5
4.5 Illustrations ... 5
4.6 Attachments ... 5
4.7 References ... 6
**5 Specific content requirements** ... **6**
5.1 System documentation list (SDL) ... 6
5.2 Material Review Board (MRB) ... 6
5.3 Operation and maintenance (O&M) manual ... 6
5.4 Operational manual (OM) ... 7
5.5 Maintenance manual (MM) ... 9
5.6 Assembly, repair and regulation manual (AM) ... 9
5.7 Data log book (DLB) ... 11
5.8 Test, assembly and inspection record (TAIR) file ... 13
5.9 Hazard analysis (HA) ... 13
5.10 Spare-parts list (SPL) ... 13
5.11 Spare-part use manual (SPUM) ... 14
5.12 Drawings ... 14
**6 Changes to or revisions of operational documents** ... **14**
6.1 Authorizing document ... 14
6.2 Signatures required for authorizing document ... 14
6.3 List of changes or revisions ... 15
**Bibliography** ... **16**

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Document Sharing Hub
Full document details: BS ISO 26870:2022

# Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see www.iso.org/iso/foreword.html.

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

This second edition cancels and replaces the first edition (ISO 26870:2009), which has been technically revised.

The main changes are as follows:

— “Terms and definitions” section was updated;

— information, provided in Table 1, Bibliography, was specified;

— Term 3.15 “preventive maintenance” was removed,

— new 5.2 was added.

Any feedback or questions on this document should be directed to the user’s national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.


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# Introduction

This document establishes a list of documents that personnel are intended to use during operation of the launch pad and the integration site, when multiple nations cooperate and participate in the development or operation of these sites. This document also establishes requirements for the structure and contents of operational documents and rules for their preparation. The purposes of this document are:

— to provide personnel with standardized documents containing the information and procedures necessary for effective and safe operation of the launch pad and integration site;

— to provide a procedure for applying these documents;

— to provide organizations and corporations that develop the operational documents with the common rules of their development.

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# Space systems — Launch pad and integration site operational documents

## 1 Scope

This document establishes requirements for the nomenclature, structure and contents of operational documents used at a launch pad or integration site.

When there is international participation, partnership or cooperation in the design, development, installation, test, activation or operation of a launch pad or integration site, this document applies to the development of the operational documents required for the following circumstances:

— installation, testing, activation or operation within the territory of one country of a launch pad or integration site manufactured in another country;

— joint installation, testing, activation or operation when the equipment designed and manufactured in one country is part of the launch pad or integration site designed by another country;

— training of the launch pad or integration site personnel of one country by the experts from another country.

The development and use of the operational documents described in this document are applicable to the following international launch pad or integration site operations:

a) preparation of integration site equipment to receive space vehicles and spacecraft;

b) preparation of launch pad equipment and the space complex for the launch of space vehicles;

c) space vehicle launch;

d) post-launch maintenance of the integration site and launch pad;

e) periodic maintenance of the integration site and launch pad.

## 2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 23041, *Space systems — Unmanned spacecraft operational procedures — Documentation*

## 3 Terms and definitions

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

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

— ISO Online browsing platform: available at https://www.iso.org/obp

— IEC Electropedia: available at https://www.electropedia.org/

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