Chinastandards.org

ICS 49.025
CCS V04

HB

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

HB 8747-2023

Aerospace additive manufacturing test report format and data requirements

航空增材制造测试报告格式与数据要求

(English Translation)

Issued on: December 20, 2023 **Implemented on: July 1, 2024**

Issued by: Ministry of Industry and Information Technology of the People's Republic of China

Preview: page 1 of 3 shown, 15 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/hb-8747-2023

Table of Contents

[Preview only]
1 Scope
2 Normative References
2.1 Terms
3 Terms and Definitions
4 Overview
4.1 General requirements
5 Technical Requirements
6 Calibration conditions
6.1 Environmental conditions
6.2 Measurement standards and other equipment
7 Calibration items and calibration methods
7.1 Calibration Items
7.2 Calibration method
8 Expression of calibration results
9 Recalibration interval

1 Foreword

HB 8747-2023 was issued by Ministry of Industry and Information Technology of the People's Republic of China on 20 December 2023 and has been in force since 1 July 2024.

The HB prefix, without a suffix, marks a mandatory standard: within its scope, compliance is required.

The document runs to 15 pages in English translation.

2 Scope Preview

This standard specifies the test report format and data requirements for aerospace additive manufacturing, standard procedures for issuing result reports for additive manufacturing tests or evaluations, and a general format for additive manufacturing sample data. This standard is applicable to guide the preparation of test reports for aerospace additive manufacturing material samples and parts.

HB 8747-2023 falls under ICS 49.025, in the field of aircraft and space vehicle engineering.

Preview: page 2 of 3 shown, 15 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/hb-8747-2023

This catalogue holds 64 other HB standards in that field.

In this catalogue, HB standards carry edition years from 2012 to 2025.

3 About this standard

Sector: Aviation Industry Standard

Issued by: Ministry of Industry and Information Technology of the People's Republic of China

English translation: about 15 pages (approximate)

4 Related standards

Standards on related subjects:

GB/T 38905-2020 - Type designation for civil unmanned aircraft system

GB/T 38239-2019 - Service specification for space science data products

GB/T 36249-2018 - Model based aviation equipment research and development-Technical data package

HB 8678-2023 - Method for determining allowable values for aircraft composite laminate structural design

HB 8677-2023 - Calculation method of aircraft integral fuel tank oil pressure load

HB 8748-2023 - Modeling process and requirements for selective melting lattice structure of aerospace parts

5 Classification and status

International classification (ICS): 49.025

Chinese Standard Classification (CCS): V 04

Prefix HB: mandatory standard.

Preview: page 3 of 3 shown, 15 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/hb-8747-2023