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INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

HB 8653-2022

General requirements for 400Hz AC main power generation system of civil aircraft

民用飞机 400Hz 交流主发电系统通用要求

(English Translation)

Issued on: April 8, 2022 **Implemented on: October 1, 2022**

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

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1 Foreword

HB 8653-2022 was issued by Ministry of Industry and Information Technology of the People's Republic of China on 8 April 2022 and has been in force since 1 October 2022.

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 400 Hz, 115 V/200 V three-phase four-wire system for civil aircraft consisting of main components such as combined power generation device or alternator and generator controller, current transformer, AC contactor (hereinafter referred to as contactor) General technical requirements for AC main power generation systems. This standard applies to the design and verification of 400 Hz, 115 V/200 V three-phase four-wire AC main power generation systems for civil aircraft.

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HB 8653-2022 carries no ICS number and no Chinese Standard Classification code.

This catalogue holds 171 other HB standards.

Of the 65 HB standards that do carry an ICS number, 65 (100%) fall under ICS 49, in the field of aircraft and space vehicle engineering.

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:

JB 2293-1978 - Wind tunnel test method of radiator of automobile and tractor

5 Classification and status

Prefix HB: mandatory standard.

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