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HB

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

HB 8654-2022

General requirements for frequency conversion AC power generation system of civil aircraft

民用飞机变频交流发电系统通用要求

(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 8654-2022 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 general requirements for aircraft (360 ~ 800) Hz, 115V/200V three-phase four-wire variable frequency AC power generation systems consisting of main components such as variable frequency alternators and generator controllers, current transformers, main contactors, etc., detailed requirements and verification, etc. This standard applies to the design requirements and verification of variable frequency AC power generation systems for civil aircraft.

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HB 8654-2022 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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