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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 22124.3-2010

**Equipment manufacturing oriented product life-cycle
technology knowledge - Part3 : Description and representation
specification of general manufacturing technology**

面向装备制造业 产品全生命周期工艺知识 第3部分：通用制造工艺描述与表达规范

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Table of Contents

- 1 Scope
- 2 Normative reference documents
- 3 Terms and definitions

Foreword

GB/T 22124 "Product Lifecycle Process Knowledge for Equipment Manufacturing Products" consists of the following components. - Part 1. General manufacturing process classification; - Part 2. Generic manufacturing process classification coding specification; Part 3. Generic Manufacturing Process Description and Expression Specification. This part is part 3 of GB/T 22124. Appendix A to this section is an informative appendix. This part is proposed and centralized by China Standardization Research Institute. This part of the main drafting unit. China Standardization Research Institute, Dalian Jiaotong University, Jinan Railway Vocational and Technical College. The main drafters of this part. Li Wenwu, Liu Shouhua, Xu Chenghua, Wang Xuelun, Wang Shaoni, Sun Li, Yu Xiaoyang, Ma Ziqin. Knowledge of the whole life cycle of equipment manufacturing industry Part 3. Generic manufacturing process description and specification

1 Scope

GB/T 22124.3-2010 is the Chinese national standard on equipment manufacturing oriented product life-cycle technology knowledge - part3 : description and representation specification of general manufacturing technology, in the field of manufacturing engineering. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 2 September 2010 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 December 2010. Classification: ICS 25.020, CCS J30. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This part of GB/T 22124 specifies the specification that describes the classification of generic manufacturing processes and provides a generic manufacturing process description With an example of expression. This section applies to the description and

presentation of general manufacturing processes.

2 Normative reference documents

The terms of the following documents are the terms of this part by reference to this part of GB/T 22124. Any reference to the date of the text, All subsequent amendments (excluding corrigenda) or revisions do not apply to this part, however, encouragement under this section The parties to the agreement study whether the latest version of these documents can be used. For undated references, the latest edition of this document applies section.

GB/T 7408 Data element and exchange format Information exchange date and time representation (GB/T 7408-2005, ISO 8601: 2000, IDT)

3 Terms and definitions

The following terms and definitions apply to this part of GB/T 22124.

3.1 Basic semantic unit basicsemanticunit An entity that provides an absolute and unique identifier for a particular object in the application area (eg class, data element type). [GB/T 17645.42-2001, definition 3.4.1]

3.2 Datatype datatype The type specification of the attribute, which specifies the allowed set of attribute values. [GB/T 17645.42-2001, definition 3.4.5]

3.3 Information information Facts, concepts or instructions. [GB/T 16656.1-2008, definition 3.2.22]

3.4 Attribute attribute A computer-understandable data element that describes a property, a relationship, or a class.

3.5 Technology So that a variety of raw materials, semi-finished products into the product methods and processes.