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Writing instruments - Terminology

笔类产品 术语

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part

1. Structure and drafting rules for standardization documents" Drafting. Please note that some of the contents of this document may involve patents. The issuing organization of this document does not assume the responsibility for identifying patents. This document was proposed by China Light Industry Federation. This document is under the jurisdiction of the National Technical Committee for Standardization of Pen Manufacturing (SAC/TC378). This document was drafted by: Shanghai Pen Technology Service Co., Ltd., Shanghai Chengguang Stationery Co., Ltd., Shanghai Hero Fountain Pen Factory Co., Ltd. Company, Wenzhou Aihao Pen Co., Ltd., China First Pencil Co., Ltd., Beifa Group Co., Ltd., Guangdong Jinwannian Stationery Co., Ltd. Company, Zhencai Stationery Co., Ltd., Suzhou Xiongying Pen and Ink New Materials Co., Ltd., Zhaoqing Star Stationery Co., Ltd., Shanghai Yingxiongjin Lishui Pen Factory Co., Ltd., Shangzhi Pearl Pen Industry Co., Ltd., Shaoguan Shengyi Stationery Co., Ltd., China Pen Association, Qingdao Yingwen Educational Products Co., Ltd., Wenzhou Wentai Pen Co., Ltd., Anshuo Educational Supplies (Shanghai) Co., Ltd., Binzhou Paisile Pen Co., Ltd. Co., Ltd., Dongguan Jijigao Cultural Development Co., Ltd., Guangdong Baoke Stationery Co., Ltd., Harbin China Standard Pencil Company, Heshan City Jiayi Stationery Industry Co., Ltd., Jinan Bee Pen Co., Ltd., Longkou Yiyao Stationery Co., Ltd., Shanghai Pafuluo Stationery Co., Ltd. Co., Ltd., Shanghai Wencai Industrial Co., Ltd., Yiwu Yourong Stationery and Sports Goods Co., Ltd., Zhejiang Best Softened Board Co., Ltd., Zhejiang Caihua Technology Co., Ltd., Zhejiang Hongxing Stationery Co., Ltd., Zhejiang Jiuling Brush Co., Ltd., Zhejiang Lianxing Stationery Co., Ltd., Zhejiang Panshou Stationery Co., Ltd., Zhongshan Jiamei Stationery Co., Ltd., Guangdong Chenqi Stationery Industrial Co., Ltd., Heilongjiang Taibi Stationery Co., Ltd. The main drafters of this document are. Yao Hezhong, Xu Shenghua, Chen Jingqiang, Li Chang, Dong Wenbin, Lv Jianqiao, Zhang Yuyang, Long Shuiyun, Zhou

Qiteng, Huang Xiaolei. Pen Product Terminology

1 Scope

GB/T 45363-2025 is the Chinese terminology standard for writing instruments. China makes the great majority of the world's pens, and a terminology standard in that position does real commercial work: it fixes what a gel pen, a rollerball, a ballpoint, a marker, a fountain pen, a mechanical pencil and each of their components are called, so that a specification written in one country and a factory in another mean the same thing. The document defines the terms for the product types, for the parts, the refill, the tip, the ball, the barrel, the cap, the ink and the ink follower, for the properties that are specified and tested, and for the defects that are argued about. It is the reference the other pen standards, on writing performance, on cap safety and on the migration of elements, all build on. For a brand sourcing from China, a factory writing a specification or a laboratory testing a consignment, this is the shared vocabulary.

This document defines the terms and definitions for pen products. This document is suitable for pen-making professionals to formulate standards, compile technical documents, and write professional manuals, teaching materials, and books and periodicals.

2 Normative references

This document has no normative references.

3 General terms

3.1 Pen A writing tool with an ink supply system that can form lines on the writing surface.

[Source: GB/T 41440-2022, 3.1.1]

3.2 writing medium A substance containing coloring material that can form lines on the writing surface.

Note. Including ink, printing ink, lead, etc.

3.3 writing front-end The front end of a writing tool is a general term for the writing part.

Note. Includes fountain pen tips, ballpoint pen tips, marker pen tips and lead cores, etc.

3.4 Fixed type The writing end (3.3) is of non-retractable structural form.

3.5 movable type The writing end (3.3) has a retractable structure.

3.5.1 Push type A structural form in which a writing end (3.3) is controlled to extend or retract into the front end of a writing tool through a pressing action.

Note. According to the pressing method, it can be divided into head pressing type, sleeve pressing type and side pressing type.

3.5.2 Rotary screwtype A structural form in which a writing end (3.3) is controlled to extend out or retract into the front end of a writing tool through a rotating action.

3.6 Reservoir type A structural form that stores ink in a fiber water storage core.

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