

ICS 35.240.50
CCS H04

YS

**NONFERROUS METALS INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

YS/T 3051-2026

**Intelligent manufacturing - Digital simulation in the gold
industry - General technical requirements**

智能制造 黄金行业数字仿真 通用技术要求

(English Translation)

Issued on: April 28, 2026

Implemented on: November 1, 2026

Issued by: Ministry of Industry and Information Technology

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Foreword

YS/T 3051-2026 is a recommended industry standard of the People's Republic of China in the Nonferrous Metals sector, approved and issued by the Ministry of Industry and Information Technology on 28 April 2026, with effect from 1 November 2026.

It is administered by the National Technical Committee for Gold Standardization.

Classification: ICS 35.240.50; CCS H04.

1 Scope

YS/T 3051-2026 describes the overall framework of digital simulation in the gold industry and specifies the technical requirements for its infrastructure, data integration, simulation calculation and simulation applications.

The document applies to the digital simulation of equipment and process flows for gold ore dressing and smelting, in design, implementation, training and similar activities. It is used by gold mining and metallurgical enterprises, equipment suppliers, design institutes and software developers working on smart manufacturing. It is a voluntary standard, as shown by the /T in its code. It was approved by the Ministry of Industry and Information Technology, issued on 28 April 2026 and takes effect on 1 November 2026. It is a new standard.