

ICS 75-010  
CCS E 11

**SY**

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

**SY/T 6404-2018**

Replacing SY/T 6404-1999

---

**Analytical method for metal elements in rock by ICP-AES and  
ICP-MS**

岩石中金属元素的电感耦合等离子体原子发射光谱及质谱分析方法  
(English Translation)

**Issued on: October 29, 2018**

**Implemented on: March 1, 2019**

---

**Issued by: National Energy Administration**

## Table of Contents

|                                         |   |
|-----------------------------------------|---|
| What this standard covers .....         | 1 |
| Document data .....                     | 2 |
| Standards quoted by this document ..... | 3 |

### What this standard covers

This standard specifies the sample processing, sample testing and quality requirements for the determination of metallic elements in rocks by inductively coupled plasma atomic emission spectrometry and mass spectrometry. This standard is applicable to the determination of K, Na, Ca, Mg, Fe, Al, Mn, Ti, Ni, V, Ga, Cu, Zn, Sr, Ba, Cr in rock by inductively coupled plasma atomic emission spectrometry and mass spectrometry. Cd element.

### Document data

International classification (ICS): 75-010.

Chinese classification (CCS): E11.

Estimated length of the Chinese original: 9,979 words.

Supersedes the earlier edition SY/T 6404-1999.

### Standards quoted by this document

GB/T 602; GB/T 6682; GB/T 27476.5