

ICS 49.020  
CCS V71



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

**GB/T 48286-2026**

---

**Ground test requirements for the separation between a launch  
vehicle and a spacecraft**

运载火箭和航天器地面分离试验要求

**(English Translation)**

**Issued on: September 28, 2026**

**Implemented on: January 1, 2027**

---

**Issued by: State Administration for Market Regulation;  
Standardization Administration of China**

## Table of Contents

Foreword

1 Scope

2 Normative references

3 Terms and definitions

### Foreword

GB/T 48286-2026 is a recommended national standard (GB/T) of the People's Republic of China, issued on 28 September 2026 by the State Administration for Market Regulation and the Standardization Administration of China, with effect from 1 January 2027.

The document adopts an international standard (ISO or IEC).

It is under the responsibility of the Standardization Administration of China.

Classification: ICS 49.020; CCS V71.

### 1 Scope

This standard sets requirements for ground tests of the separation between a launch vehicle and a spacecraft. Such tests are carried out on the ground to examine how the two bodies separate before a launch takes place. It is aimed at launch vehicle and spacecraft developers, mission integrators, test facilities, and engineers responsible for verification planning in the space sector.

It adopts an international standard. It was issued on 28 September 2026 and takes effect on 1 January 2027. As a recommended national standard, it serves as a reference that organizations may adopt through contracts and interface documents instead of a binding legal rule. Separation is a critical event in every mission, and it cannot be fully repeated in flight, so ground testing is how the interface between rocket and payload is verified in advance. Companies and agencies working with Chinese launch services, or preparing verification documentation for Chinese programs, can use it to understand the framework for ground separation testing.