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**Technical specification for lightning protection of weather
modification operating spots**

人工影响天气作业点防雷技术规范

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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.

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Technical Specifications for Lightning Protection at Weather Modification Operation Sites

1 Scope

This document specifies the basic requirements for lightning protection technology at weather modification operation sites, as well as building protection, operation platform protection, The requirements for the detection, inspection and maintenance of industrial equipment protection and lightning protection devices are specified, and the verification methods are described.

This document applies to the design, construction, acceptance and maintenance of lightning protection at artificial weather modification operation sites.

2 Normative references

GB/T 18802.22

GB/T 21431

GB/T 31162

GB 50057-2010

GB 51418

3 Terms and definitions

The following terms and definitions apply to this document.

3.1 Operating spot

A specific site for implementing weather modification operations.

[Source. GB/T 42989-2023, 3.24]

3.2 [Source. QX/T 493-2019, 3.4, modified]

A room where shells (rocket shells) or flame strips are temporarily stored at the operation site during artificial weather modification operations.

3.3 Operating platform

The places and facilities for carrying out artificial weather modification operations.

3.4 Lightning protection system; LPS

Lightning protection device The entire system used to reduce the physical damage caused by lightning strikes to buildings.

Note. LPS consists of two parts. external and internal lightning protection devices.

[Source. GB/T 19663-2022, 5.1.3]