



AEROSPACE MATERIAL SPECIFICATION

AMS1448**REV. B**

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Superseding AMS1448A

Sand, Airport Snow and Ice Control

RATIONALE

The G-15 Committee and Committee G-12 found that no federal aviation regulatory agency references this document, including the United Nation's ICAO (International Civil Aviation Organization). Because air carriers and airport operators comply with their country's regulatory agencies, both committees have not found any air carriers worldwide or airport operators using this specification.

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Documents

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1. SCOPE:

1.1 Form:

This specification covers natural sand in granular form.

1.2 Application:

This sand has been used typically to improve the frictional properties of runway, taxiway, and ramp surfaces for aircraft braking purposes, but usage is not limited to such applications.

1.3 Precautions:

Sand use may be detrimental to aircraft turbine engines if ingested. Therefore, sand should be applied onto pavements sparingly and as a last recourse to control snow and ice. When applied, it should be carefully monitored and any excess removed when practical. Once the slippery condition no longer exists, remaining sand should be swept off.

2. APPLICABLE DOCUMENTS:

The following publications form a part of this specification to the extent specified herein. The applicable issue of referenced publications shall be the issue in effect on the date of the purchase order.

2.1 ASTM Publications:

Available from ASTM, 1916 Race Street, Philadelphia, PA 19103-1187.

ASTM C 136	Sieve Analysis of Fine and Coarse Aggregates
ASTM D 512	Chloride Ion in Water
ASTM D 1193	Reagent Water
ASTM E 11	Wire-Cloth Sieves for Testing Purposes