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Aircraft — De-icing/anti-icing fluids — ISO types II, III and IV

Aéronefs — Liquides de dégivrage/d'antigivrage — ISO types II, III et IV



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Foreword

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The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 11078 was prepared by Technical Committee ISO/TC 20, *Aircraft and space vehicles*, Subcommittee SC 9, *Air cargo and ground equipment*.

This second edition cancels and replaces the first edition (ISO 11078:1994), of which it constitutes a complete technical revision to endorse SAE AMS 1428, also supported by the Association of European Airlines (AEA).¹⁾

1) This data requires frequent updating. ISO TC 20/SC 9 has agreed to delegating this task under its own guidance to the Association of European Airlines (AEA) and the Society of Automotive Engineers (SAE), which are organizations recognized as experts in the field of de-icing/anti-icing aircraft on the ground.

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Introduction

The aim of this International Standard is to standardize the critical characteristics of non Newtonian fluids designated ISO types II, III and IV which are used for ground de-icing and anti-icing of airplanes, in order to ensure worldwide safety of civil transport airplanes under icing weather conditions.

In order to reduce duplication of reference documents as much as possible and to benefit from easier industry-approved updating that takes into account the continuously evolving state of the art and knowledge, this International Standard constitutes a *de facto* recognition of the AMS 1428 standard, published by SAE on the basis of a permanent joint Committee with the Association of European Airlines (AEA) and with endorsement from the Civil Aviation Authorities concerned.