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Superseding AS2001

**Aerospace Fluid Systems and Components – Pressure
and Temperature Classifications**

This standard is equivalent to MA2001 (ISO 6771) except that imperial units are used.

RATIONALE

AS2001A has been reaffirmed to comply with the SAE five-year review policy.

FOREWORD

Changes in this revision are format/editorial only.

Aerospace fluid systems and components are generally designed and marked for a specific fluid pressure and temperature type.

1. SCOPE:

This document establishes the temperature types and pressure classes that are commonly used in aerospace fluid systems.

The temperature types and pressure classes are equivalent, but not identical, to the SI units defined in MA2001 (ISO 6771). For exact conversion use NAS 10000.

2. REFERENCES:

There are no referenced publications specified herein.

3. TEMPERATURE CLASSIFICATIONS:

System operating temperature ranges shall be classified as follows (see Table 1):

TABLE 1 - Temperature Type (°F)

| | |
|----------|-------------|
| TYPE I | -65 to 160 |
| TYPE II | -65 to 275 |
| TYPE III | -65 to 400 |
| TYPE IV | -65 to 610 |
| TYPE V | -65 to 750 |
| TYPE VI | -65 to 1200 |
| TYPE VII | -65 to 450 |

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