

**AEROSPACE
MATERIAL
SPECIFICATION**

SAE AMS4271

REV. A

Issued 2011-12
Stabilized 2013-07

Superseding AMS4271

Aluminum Alloy, Sheet and Plate
4.4Cu - 1.5Mg - 0.60Mn; (2024-T861),
Solution Heat Treated and Cold Worked, and Artificially Aged
(Composition similar to UNS A92024)

RATIONALE

AMS4271A stabilizes this document because equivalent requirements are contained in a prior specification, AMS4193, which is recommended for future procurement.

STABILIZATION NOTICE

AMS4271A has been declared "STABILIZED" by AMS Committee D. This document will no longer be updated and may no longer represent standard industry practice. The original issue of this document was in December, 2011, and it has not been updated since that time. Users of this document should refer any certification issues (e.g. exceptions listed on the certification report) to the cognizant engineering organization for their disposition. **CAUTION:** In many cases the purchaser is not the cognizant engineering organization (i.e. purchaser may be a sub tier supplier).

AMS Committee D recommends that the following technically equivalent (e.g. properties, fit, form, function) specification be used for future procurement. This listing does not constitute authority to substitute this specification for the "STABILIZED" specification.

AMS4193 Aluminum Alloy, Sheet and Plate, 4.4Cu 1.5Mg 0.60Mn (2024-T861), Solution Heat Treated, Cold Worked, and Precipitation Heat Treated

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1. SCOPE

1.1 Form

This specification covers an aluminum alloy in the form of sheet and plate supplied in the -T861 temper.

1.2 Application

These products have been used typically for structural parts requiring a combination of high strength and good corrosion resistance and whose fabrication does not involve welding, but usage is not limited to such applications.

2. APPLICABLE DOCUMENTS

The issue of the following documents in effect on the date of the purchase order forms a part of this specification to the extent specified herein. The supplier may work to a subsequent revision of a document unless a specific document issue is specified. When the referenced document has been cancelled and no superseding document has been specified, the last published issue of that document shall apply.

2.1 SAE Publications

Available from SAE International, 400 Commonwealth Drive, Warrendale, PA 15096-0001, Tel: 877-606-7323 (inside USA and Canada) or 724-776-4970 (outside USA), www.sae.org.

AMS2355	Quality Assurance, Sampling and Testing, Aluminum Alloys and Magnesium Alloy, Wrought Products (Except Forging Stock), and Rolled, Forged, or Flash Welded Rings
AMS2772	Heat Treatment of Aluminum Alloy Raw Materials
AS1990	Aluminum Alloy Tempers