

SAE Aerospace An SAE International Group	AEROSPACE MATERIAL SPECIFICATION	AMS 2451/6A	Issued 1998-07 Revised 2006-05 Reaffirmed 2011-04 Superseding AMS 2451/6
Plating, Brush, Copper General Purpose			

RATIONALE

AMS 2451/6A is a Five Year Review and update of this specification.

1. SCOPE

1.1 Purpose

This specification establishes the requirements for brush plating of copper by electrodeposition.

1.2 Application

This process is used typically to repair damaged, worn, or mismachined parts, to repair copper deposits, and as a stop-off in carburizing and nitriding but usage is not limited to such applications.

1.3 Safety - Hazardous Materials

See AMS 2451.

2. APPLICABLE DOCUMENTS

See AMS 2451.

3. TECHNICAL REQUIREMENTS

See AMS 2451.

3.1 Procedure

3.1.1 Copper shall be electrodeposited from an alkaline or acid brush plating solution in accordance with processing instructions from the solution manufacturer.

4. QUALITY ASSURANCE PROVISIONS

See AMS 2451.

5. PREPARATION FOR DELIVERY

See AMS 2451.

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