



<b>AEROSPACE MATERIAL SPECIFICATION</b>	<b>AMS2451™/2</b>	<b>REV. B</b>
	Issued 1998-07 Revised 2018-03 Reaffirmed 2022-10	
Superseding AMS2451/2A		
Plating, Brush, Nickel Low Stress, Hard Deposit		

## RATIONALE

AMS2451/2B is a Five-Year Review and update of this specification with a change to 3.3.

AMS2451/2B has been reaffirmed to comply with the SAE Five-Year Review policy.

### 1. SCOPE

#### 1.1 Purpose

This specification covers the requirements and process controls for brush plating of hard, low stress nickel by electrodeposition.

#### 1.2 Application

This process has been used typically to improve wear resistance and to repair damaged, worn, or mismachined parts in applications requiring hardness, fatigue resistance, and service at temperatures up to 450 °F (232 °C), but usage is not limited to such applications.

#### 1.3 Safety - Hazardous Materials

Shall be in accordance with AMS2451.

### 2. APPLICABLE DOCUMENTS

In addition to those listed in AMS2451, 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

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AMS2423 Plating, Nickel Hard Deposit

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