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Superceding AS4194	

## Sheet and Strip Surface Finish Nomenclature

## RATIONALE

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

**1. SCOPE**

This SAE Aerospace Standard (AS) defines the nomenclature for surface finishes commonly used for sheet and strip in aerospace material specifications. It is applicable to steel and to iron, nickel, cobalt, and titanium base alloys.

**2. REFERENCES**

There are no referenced publications specified herein.

**3. GENERAL**

There is no other industry-wide agreement on nomenclature for surface finish. Terms such as No. 1 or 2D as have historically been used in numerous specifications were adapted from the steel industry and were based on method of manufacture rather than end product appearance. Since current technology can produce a particular finish or appearance in several acceptable ways, the definitions herein are based on end product visual appearance that depends on material and manufacturing method. Where more definitive standards are required, these should be negotiated between purchaser and supplier of the product.

**4. CHARACTERISTICS OF SHEET AND STRIP FINISHES****4.1 Sheet Finish Appearance****4.1.1 2D Finish**

The surface will vary from a dull matte appearance, similar to a pickled or vapor blasted finish, to a diffusely reflective appearance, similar to a fine ground appearance or finish produced on dull rolls.

**4.1.2 2B Finish**

The surface will vary from fairly reflective to very reflective. The appearance is usually produced by using polished rolls in the final cold reduction with no additional descaling.

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