



Scope of Accreditation For Aleris Rolled Products - Lewisport Rolling Mill

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In recognition of a successful assessment to ISO/IEC 17025:2005, accreditation is granted to **Aleris Rolled Products - Lewisport Rolling Mill** to perform accredited testing in the following disciplines:
Mechanical and Chemical Testing.

Accreditation granted through: **November 13, 2009**

Testing

Technology	Range, when necessary	Methods Used	Product Types	Remarks
Tensile Testing (UTM, Yield & Elongation)	To 10000 lb Load Capacity; To 0.313 in Thickness	ASTM B557	Aluminum Alloys	At room temperature
Olsen Cup Ductility	To 40000 lb Load Capacity; 0.008 in to 0.08 in Thickness	ASTM E643	Aluminum Alloys	
Deep Draw Earing Test	To 0.13 in Thickness	Internal Method (LT-WI-5.4-122,124,126)	Aluminum Alloys	
Bend Testing	To 0.313 in Thickness	ASTM E290	Aluminum Alloys	Arrangement B & C
Webster® Hardness Tester	To 20 Webster units; 0.040 in to 0.250 in Thickness	ASTM B647	Aluminum Alloys	Model B
FTIR Analysis	4000 to 640 cm ⁻¹	Internal Method (LT-WI-5.4-214,215,216,218,220)	Hotline Emulsions/ Neat Oil, Cold Mill Oil	Compliant with ASTM E168
Kinematic Viscosity @ 100°F	1.5 to 130 cSt	ASTM D445	Hotline Emulsions/ Neat Oil, Cold Mill Oil	