



World Class Accreditation

The American Association for Laboratory Accreditation

# Accredited Laboratory

A2LA has accredited

## ESSAR STEEL ALGOMA INC.

*Sault Ste. Marie, Ontario Canada*

for technical competence in the field of

### Mechanical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 *General Requirements for the Competence of Testing and Calibration Laboratories*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (*refer to joint ISO-ILAC-IAF Communiqué dated 8 January 2009*).

Presented this 30<sup>th</sup> day of September 2009.



  
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President & CEO

For the Accreditation Council  
Certificate Number 406.02  
Valid to July 31, 2011

*For the tests or types of tests to which this accreditation applies, please refer to the laboratory's Mechanical Scope of Accreditation.*



SCOPE OF ACCREDITATION TO ISO/IEC 17025-2005

ESSAR STEEL ALGOMA INC.  
MECHANICAL AND METALLOGRAPHIC LABORATORY  
105 West Street  
Sault Ste. Marie, Ontario P6A 7B4, Canada  
Clayton Dool Phone: 705 945 2603

MECHANICAL

Valid To: July 31, 2011

Certificate Number: 0406.02

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following metal and metal alloy tests:

Test Technology

Test Method(s)

Hardness:

Rockwell (B,C)	ASTM E18
Brinell	ASTM E10
Hardenability (Jominy)	ASTM A255

Metallographic evaluation:

Grain size	ASTM E112 (Comparison)
Inclusion content	ASTM E45 (Microscopical)
Microetching	ASTM E407
Preparation	ASTM E3

Physical Properties:

Guided Bend	ASTM E290; JIS Z2248
Impact (Charpy; -76° F to 75° F)	ASTM E23
Tension	ASTM: E8, A370; JIS Z2241