

Reference Material Category / Description	Property Value(s) / Property Identity / Range / Uncertainty	Characterization Measurement Technique / Method / Procedure
<p>CATEGORY A: CHEMICAL COMPOSITION (cont)</p> <p><u>Special alloys:</u> (Solids, Chips, & Powders)</p>	Elemental Composition	Measurement by a network of qualified laboratories using a variety of methods of demonstrable accuracy
<p>CATEGORY A: INORGANIC REFERENCE MATERIALS</p> <p><u>Ores and minerals:</u> Iron ore Iron ore sinter</p> <p><u>Metal producing materials & byproducts:</u> Ferroalloys Silico-calcium Slag</p>	<p>Elemental Composition</p> <p>Elemental Composition</p>	Measurement by a network of qualified laboratories using a variety of methods of demonstrable accuracy
<p>CATEGORY D: ENGINEERING PROPERTIES</p> <p><u>Tensile Strength:</u> (Metals both Ferrous & Nonferrous)</p>	<p>Yield Strength Ultimate Strength Reduction in Area Elongation</p>	Measurement by a network of qualified laboratories using a variety of methods of demonstrable accuracy



The American Association for Laboratory Accreditation

World Class Accreditation

Accredited Reference Material Producer

A2LA has accredited

BRAMMER STANDARD COMPANY, INC.

Houston, TX

for technical competence as a

Reference Material Producer

This accreditation covers the specific materials listed on the agreed upon scope of accreditation. This producer meets the requirements of ISO Guide 34:2009 *General Requirements for the Competence of Reference Material Producers*, in combination with the relevant requirements of ISO/IEC 17025:2005 *General Requirements for the Competence of Testing and Calibration Laboratories*.

Presented this 29th day of April 2011.



President & CEO
For the Accreditation Council
Certificate Number 656.02
Valid to January 31, 2013

For materials to which this accreditation applies, please refer to the reference material producer's Scope of Accreditation.