



CERTIFICATE OF ACCREDITATION

ANSI-ASQ National Accreditation Board

500 Montgomery Street, Suite 625, Alexandria, VA 22314, 877-344-3044

This is to certify that

Alkar Steel and Processing Metallurgical Laboratory
25854 Sherwood
Warren, MI 48091

has been assessed by ANAB
and meets the requirements of international standard

ISO/IEC 17025:2005

while demonstrating technical competence in the fields of

TESTING

Refer to the accompanying Scope of Accreditation for information regarding the types of calibrations and/or tests to which this accreditation applies.

AT-1934

Certificate Number

ANAB Approval

Certificate Valid: 03/19/2018-03/31/2019
Version No. 004 Issued: 03/19/2018



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. 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 April 2017).



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

Alkar Steel and Processing Metallurgical Laboratory

25854 Sherwood

Warren, MI 48091

Charla Thompson (586)774-1090 Charla.thompson@alkarsteel.com

TESTING

Valid to: **March 31, 2019**

Certificate Number: **AT-1934**

Mechanical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Tensile	ASTM A370, ASTM E8, JIS Z2241, ISO 6892	Metal	Instron Load Machine, Optical Extensometer
Strain Hardening Exponent (n)	ASTM E646	Metal	Instron Load Machine, Optical Extensometer
Plastic Strain Ratio (r)	ASTM E517	Metal	Instron Load Machine, Optical Extensometer
Hardness Rockwell (B & 30T)	ASTM E18	Metal	Rockwell Hardness Tester
Optical Emission Spectroscopy	ASTM E415	Metal	ARL Spectrometer

Note:

1. This scope is formatted as part of a single document including Certificate of Accreditation No. AT-1934.



Vice President