



CERTIFICATE OF ACCREDITATION

ANSI National Accreditation Board

11617 Coldwater Road, Fort Wayne, IN 46845 USA

This is to certify that

HyCAL Met Lab

27800 West Jefferson Avenue

Gibraltar, MI 48173

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

ISO/IEC 17025:2017

while demonstrating technical competence in the field of

TESTING

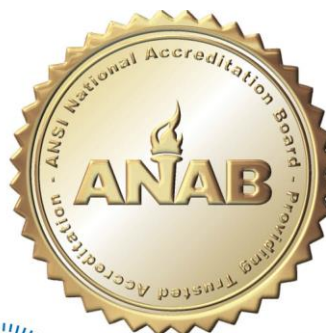
Refer to the accompanying Scope of Accreditation for information regarding the types of activities to which this accreditation applies

AT-2518

Certificate Number


ANAB Approval

Certificate Valid Through: 11/09/2021
Version No. 003 Issued: 10/04/2019



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



ANSI National Accreditation Board

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

HyCAL Met Lab

27800 West Jefferson Avenue

Gibraltar, MI 48173

Mark Blankenau 734 561 2000

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TESTING

Valid to: **November 9, 2021**

Certificate Number: **AT-2518**

Mechanical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Ultimate Tensile Strength (Up to 33 750) lbs	ASTM E8, A370; DIN EN ISO 6892-1 JIS-Z-2241	Metal Plate, Sheet and Strip	Instron Tensile Machine
Yield Strength (Up to 33 750) lbs	ASTM E8, A370; DIN EN ISO 6892-1 JIS-Z-2241	Metal Plate, Sheet and Strip	Instron Tensile Machine
Break Strength	ASTM D3953	Metal Plate, Sheet and Strip	Instron Tensile Machine
Elongation	ASTM E8, A370, D3953; DIN EN ISO 6892-1 JIS-Z-2241	Metal Plate, Sheet and Strip	Instron Tensile Machine
n-Value Strain Hardening Exponent	ASTM E646; DIN EN ISO 6892-1 JIS-Z-2241	Metal Plate, Sheet and Strip	Instron Tensile Machine
Hardness B, C Scale	ASTM E18	Metal Plate, Sheet and Strip	Hardness Tester
Superficial Hardness 15T, 30T, 45T, 15N, 30N, 45N Scales	ASTM E18	Metal Plate, Sheet and Strip	Hardness Tester
Bend Check	ASTM D3953	Metal Plate, Sheet and Strip	ASTM D3953 Bend Fixture

Note:

1. This scope is formatted as part of a single document including Certificate of Accreditation No. AT-2518.


Vice President