



CERTIFICATE OF ACCREDITATION

ANSI National Accreditation Board

11617 Coldwater Road, Fort Wayne, IN 46845 USA

This is to certify that

Huck International Inc.- Waco
dba Howmet Fastening Systems
8001 Imperial Drive
Waco, TX 76712

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

L2054-1

Certificate Number


ANAB Approval

Certificate Valid Through: 09/12/2021
Version No. 004 Issued: 02/04/2020



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

Huck International Inc.-Waco dba Howmet Fastening Systems

8001 Imperial Drive
Waco, TX 76712
Dennis Howard 254 751 5212

TESTING

Valid to: **September 12, 2021**

Certificate Number: **L2054-1**

Mechanical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Rockwell Hardness	ASTM E18	Fasteners	A, B, C
Rockwell Superficial	ASTM E18		15T, 30T
Microhardness Vickers	ASTM E384	Fasteners	
Tensile Strength	IFI 135; MIL-STD 1312-8 A Mod	Fasteners	Modified test due to fastener design
Flat/Wedge Tensile Strength	ISO 3506-1	Threaded Fasteners	
Discontinuities	SAE J123	Fasteners	
Shear	IFI 135; MIL-STD 1312-20 Mod	Fasteners	Modified test due to fastener design
Salt Spray	ASTM B117 Mod	Fasteners	Modified for sample placement
Preload Clamp	Internal WI 4.10.41; Internal WI 4.10.41.a	Fasteners	
Plating Thickness	ASTM B499; ASTM B568	Fasteners	(0 to 0.015) in
Metallographic Evaluation: Decarburization	SAE J121 Mod	Fasteners	Modified test due to fastener design
Push-out	ASTM F606 Mod; ASTM F606 M Mod	Fasteners	Modified test due to fastener design
Pin Retention	IFI 135	Fasteners	
Pin Break	ASTM F606 Mod; ASTM F606 M Mod; IFI 135; SAE J429	Fasteners	Modified test due to fastener design
Torque/Clamp Force Testing	ISO 16047 Customer Specification	Threaded Fasteners	



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Note:

1. This scope is formatted as part of a single document including Certificate of Accreditation No. L2054-1.

Vice President

