



MECHANICAL TEST REPORT

DUKE'S METAL INDUSTRIES
 1295 WEST 75TH AVENUE
 VANCOUVER, BC
 V6P 3G4

DATE: October 31, 2022
 OUR FILE NO: 604-J034169
 P.O. NO: Pending
 REPORT NO: 7
 PAGE: 1 of 1

ATTENTION: **MOHSEN HAJIABADI**

SAMPLE DESCRIPTION: One (1) – 6" x 6" x 0.188" (6GA) Plain Wire Mesh Sheet
 TEST SPECIFICATION: ASTM A370-21 / ASTM A1064/A1064M-18a
 MATERIAL SPECIFICATION: ASTM A1064/A1064M-18a Grade 65

TENSILE TEST – Clause 8.1

SPECIMEN IDENTIFICATION	YIELD STRENGTH 0.2% OFFSET (KSI)	TENSILE STRENGTH (KSI)	% REDUCTION IN AREA	BEND TEST
Sample #1 (Transverse Weld in centre of test length)	91.0	102.5	57.9	--
Sample #2 (No weld in test length)	94.1	96.6	53.3	Pass
Requirement: ASTM A1064/A1064M-18a, Grade 65	65.0 min	75.0 min	30 min	1d, 180°

WELD SHEAR STRENGTH TEST – Clause 8.3

SPECIMEN IDENTIFICATION	WELD SHEAR STRENGTH (LBF)	AVERAGE WELD SHEAR STRENGTH (LBF)
Sample #3	2,019	2,014
Sample #4	2,015	
Sample #5	1,991	
Sample #6	2,032	
Requirements: ASTM A1064/A1064M-18a (35000 x nominal area)		972 min

- BC Safety Authority Certificate of Recognition Registration No. CR-5
- Test machine calibrated to ASTM E4 and CSA A23.2-9C specifications.
- Specimens will be disposed of after 30 days unless alternate provisions are made.

Reported by: *Mikhail*
 Mikhail Cotia, Technologist

Reviewed by: *J. Coulman*
 Jim Coulman, ASCT

Client acknowledges receipt and custody of the report or other work ("Deliverable"). Client agrees that it is responsible for assuring that acceptance standards, specifications and criteria in the Deliverable and Statement of Work ("SOW") are correct. Client acknowledges that Acuren is providing the Deliverable according to the SOW, and not any other standards. Client acknowledges that it is responsible for the failure of any items inspected to meet standards, and for remediation. Client has 15 business days following the date Acuren provides the Deliverable to inspect it, identify deficiencies in writing, and provide written rejection, or else the Deliverable will be deemed accepted. The Deliverable and other services provided by Acuren are governed by a Master Services Agreement ("MSA"). If the parties have not entered into an MSA, then the Deliverable and services are governed by the SOW and the "Acuren Standard Service Terms" (www.acuren.com/serviceterms) in effect when the services were ordered.