


Metallabs - Applied Metallurgy Ltd. Privet company No. 515534220 Address: Berl Katsanelson 13 St. Ashkelon 7862313, Israel Tel. +972-525912775, 077-324-80-40 Fax: 077-700-27-46 Email: info@metallabs.co.il Web Site: www.metallabs.co.il		מטאלבס - מטלורגיה שימושית בע"מ מספר ח.פ. : 515534220 כתובת : ברל כצנלסון 13, אשקלון 7862313, ישראל טלפון : 077-324-80-40 052-5912775 פקס : 077-700-27-46 מייל : info@metallabs.co.il אתר : www.metallabs.co.il
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ISIRAC
Israel Laboratory
Accreditation
Authority
ISO/IEC 17025
No. 373

Date: 15.03.2021

Metallabs Test Report No: 210121

Accreditation for ISO/IEC 17025-2017

Company Name	Contact Name	Contact Details
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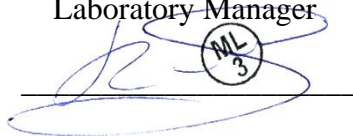
Part Description	Welded Pipe Ø2" SCH 40	Other	
Material	A/SA-106 Gr. B Steel	WPS No.	WPS 1000
Dimensions	Diameter: Ø2" Wall Thickness: 3.91 mm	Welder Name	Omar Nigam
Other Description	According to ASME IX	Welder ID	316570647
		Welding Process	GTAW
		Weld No.	-
		Electrode	-
		PWHT	-

Test No.	Tests Performed	Number of Specimens	Standard	Requirements	Comments
1	Tensile Test	2	ASTM E8-16a ASME IX-2019	ASME IX-2019	-
2	Bending test	4	ASME IX-2019	ASME IX-2019	-

The test conditions and results are detailed further

Conclusions	1. The tensile test and the bending test results comply with ASME IX-2019 standard requirements.
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Prepared by: Peter Geltser
Laboratory Manager




All tests performed at Berl
Katsanelson 13 St. Ashkelon,
Israel at Room Temp.:
24±5°C ; Humidity: 40±20%

Approved by: Zohar Natan
Quality Manager



Test report No. 210121	T.S. Metal LTD	עמוד 1 מתוך 2
Form No. 0	Version 3 תאריך: 27/11/18 Date: 27/11/18	טופס מס. 0

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1. Test Results

1.1. Tensile Test

The test was performed using Shimadzu tensile test machine, according to ASTM E8-16a standard.

The test was conducted on specimens that were prepared in according to ASME IX-2019 standard.

The tests were carried out under ISRAC's accreditation. The test results are detailed in Table 1:

Table 1: Tensile Test Results

Specimen	Width [mm]	Thickness [mm]	Max Force [kN]	U.T.S [MPa]	Location of Break
T1	13.00	3.71	24.563	505	Base Metal
T2	13.00	3.45	23.536	520	Base Metal
ASME IX-2019 Standard Req. for A/SA-106 Gr. B Steel, Min.	-	-	-	415	-

1.2. Bending Test

The bending test was performed on standard specimens in accordance with ASME IX-2019 standard.

The tests were carried out under ISRAC's accreditation.

The test details and results are shown in Table 2:

Table 2: Bending Test Results

Specimen	Specimen Width [mm]	Mandrel Diameter [mm]	Distance Between Rollers [mm]	Defect Size [mm]	Results
Face Bend 1	19	16	27.2	-	Pass
Face Bend 2				-	Pass
Root Bend 1				-	Pass
Root Bend 2				-	Pass

End of Document

Test report No. 210121	T.S. Metal LTD	עמוד 2 מתוך 2
Form No. 0	Version 3 תאריך: 27/11/18	טופס מס. 0
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