

10.6 Scope of Accreditation

Issue No: 01/ Issue Date: 9th March 2021
File Manager: Hamza Khan



Al Gharbia Pipe Company LLC- Laboratory Accreditation No. ATL 0103

is accredited by the GCC Accreditation Center (GAC) in accordance with the recognised International Standard ISO/IEC 17025:2017, “General requirements for the competence of testing and calibration laboratories”

Al Gharbia Pipe Company LLC- Laboratory	
Address. Plot No KHIA8-10A, Al-Taweelah, Abu Dhabi, Khalifa Industrial Zone Abu Dhabi (KIZAD), P.O. Box 137263, Abu Dhabi, U.A.E.	Contact Person : Mr. Jayakumar Velluva Tel: +971 24489544, +971 24411540 Ext 230 Fax: Not available Email: jaya.velluva@algharbiapipe.com Web Address: www.algharbiapipe.com

Locations where testing activities covered by the above Accreditation Standard are undertaken

1- address: Plot No KHIA8-10A, Al-Taweelah, Abu Dhabi, Khalifa Industrial Zone Abu Dhabi (KIZAD), P.O. Box 137263, Abu Dhabi, U.A.E.

For the following scope:

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Scope:

13. Mechanical Testing:

13.02 Metallic Corrosion Test

13.02.02 Hydrogen Induced Cracking Tests

13.02.04 Stress Corrosion Tests

13.03 Weld and Welded Test Specimens

13.03.11 Tension test on Test pieces

13.03.21 Hardness tests

13.03.31 Impact tests

13.03.41 Drop weight tests

13.03.58 Bend Tests

13.03.91 Macroscopic Examination

7. Chemical Tests

7.01 Metals and Alloys

7.01.99 Other metals and alloys

Scope details are as follows:

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TEST CATEGORY	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS / PARAMETERS OR PROPERTIES, COMPONENTS, CHARACTERISTICS TESTED	SPECIFICATION, STANDARD TEST METHOD OR TECHNIQUE USED	Remarks
Chemical Testing	Low Alloy Carbon Steel (Plate and Welded Pipe)	Carbon (C) Manganese (Mn), Silicon (Si), Sulphur (S), Phosphorus (P), Chromium (Cr), Nickel (Ni), Molybdenum (Mo), Aluminium (Al), Copper (Cu), Vanadium (V), Tungsten (W), Niobium (Nb), Titanium (Ti), Boron (B), Calcium (Ca), Nitrogen (N), Lead (Pb),	ASTM A751:14a, ASTM E415-17, ISO/TR 9769:2018	

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		Antimony (Sb), Tin (Sn), Arsenic (As), Cobalt (Co), Bismuth (Bi)		
Mechanical Testing	Low alloy carbon steel Plate and Welded pipe	Tensile Test	ASTM A370-20, ASTM E8/E8M-16ae1, ASTM E21-20, ISO 6892-1-19 (Room Temperature) ISO 6892-2-18(Elevated Temperature)	
Mechanical Testing	Low alloy carbon steel Plate and Welded pipe	Yield (0.2% offset / 0.5% EUL) / Proof Stress	ASTM A370-20, ASTM E8/E8M-16ae1, ASTM E21-20, ISO 6892-1-19, ISO 6892-2-18 ASME IX	
Mechanical Testing	Low alloy carbon steel Plate and Welded pipe	Elongation	ASTM A370-20, ASTM E8/E8M-16ae1, ASTM E21-20, ISO 6892-1-19 ISO 6892-2-18	
Mechanical Testing	Low alloy carbon steel Plate and Welded pipe	Micro Vickers Hardness HV0.5	ASTM E384-17, ISO 6507:1-18	
Mechanical Testing	Low alloy carbon steel Plate and Welded pipe	Macro Vickers Hardness HV1, HV5, HV,10, HV30	ASTM E92-17, ISO 6507:1-18	

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Mechanical Testing	Low alloy carbon steel Plate and Welded pipe	Charpy Impact "V" Notch Test	ASTM A370-20, ASTM E23-18, ISO 148:1-16	
Mechanical Testing	Low alloy carbon steel Plate and Welded pipe	Drop Weight Tear Test	API RP5L3 Edition 2014	
Mechanical Testing	Low alloy carbon steel Plate and Welded pipe	Macro Examination	API 5L-18 46 th Edition, ASTM E340-15	
Mechanical Testing	Low alloy carbon steel Plate and Welded pipe	Micro Examination	ASTM E112-13, ASTM E1382-15S	
Mechanical Testing	Low alloy carbon steel Plate and Welded pipe	Hydrogen Induced Cracking	NACE TM 0284-16	
Mechanical Testing	Low alloy carbon steel Plate and Welded pipe	Sulphide Stress Corrosion Cracking – (Four Point Bend and Uni-Axial Tensile)	NACE TM 0177-16, NACE TM 0316-16, ASTM G39-16, ASTM F21-20, EFC16	
Mechanical Testing	Low alloy carbon steel Plate	Bend Test	ASTM A370-20, ASTM E290-14, ISO 7438-20	
Mechanical Testing	Weld and Welded test Specimens Low alloy carbon steel Welded pipe	Guided Bend Test	ASTM A370-20, ASTM E190-14, API 5L-18 46 th Edition, ASME IX, ISO 7438-20, ISO 5173-09	

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Note: the text in blue indicates the new scope OR update in the Edition of a test method in this issue of the scope of accreditation.

Log of Suspended Scopes:

TEST CATEGORY	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS / PARAMETERS OR PROPERTIES, COMPONENTS, CHARACTERISTICS TESTED	SPECIFICATION, STANDARD TEST METHOD OR TECHNIQUE USED	Date Suspended	Date Reinstated

Log of Withdrawn Scopes:

TEST CATEGORY	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS / PARAMETERS OR PROPERTIES, COMPONENTS, CHARACTERISTICS TESTED	SPECIFICATION, STANDARD TEST METHOD OR TECHNIQUE USED	Date Withdrawn

END

This conformity assessment body (CAB) is recorded as issuing GAC accredited reports to organizations in the countries listed below. This list is current at the time of issue of this schedule.

United Arab Emirates	Bahrain	Saudi Arabia	Oman	Qatar	Kuwait	Yemen