



ACCREDITATION CERTIFICATE

IB-141

Emirates International Accreditation Centre

has accredited

EMIRATES INDUSTRIAL LABORATORY L.L.C

Inside Dubai Dry Dock, Near Port Rashid

Dubai-United Arab Emirates

In accordance with the requirements of

ISO/IEC 17020:2012

Conformity Assessment-Requirements for the operation of various types of bodies
performing inspection

to undertake the tests in the attached accreditation scope

This Accreditation is invalid without the attached accreditation scope and shall remain in force within the validity
period printed below, subject to continuing compliance with the requirements of the accreditation criteria.

Validity: 23/09/2021 to 01/08/2024

Initial Accreditation Date: 02/08/2018




CHIEF EXECUTIVE OFFICER
APPROVAL



Scope of Accreditation

IB-141

Emirates Industrial Laboratory L.L.C

Inside Dubai Dry Dock, Near Port Rashid

Dubai- United Arab Emirates

Issue No.: 04

Date: 23-09-2021

Valid to: 01-08-2024

Accreditation History			
Issue no.	Scope Name	Details	Date
04	Nondestructive Testing	Renewal accreditation from EIAC	23-09-2021
03	Nondestructive Testing	First issuance under the name of EIAC (Formerly	15-03-2020
02	Nondestructive Testing	Extension in scope	12-09-2018
01	Nondestructive Testing	Granted accreditation form Dubai Accreditation	02-08-2018

Scope of Accreditation
IB-141

Emirates Industrial Laboratory L.L.C

Inside Dubai Dry Dock, Near Port Rashid

Dubai- United Arab Emirates

Issue No.: 04

Date: 23-09-2021

Valid to: 01-08-2024

Inspection Category	Inspection field	Range of inspection	Stage of Inspection	Inspection criteria	Inspection Activity Type
Product	Structural Engineering of Welds and Materials	Liquid penetrant examination (PT) - Visual - Fluorescent	New construction In-service	ASME Section V BS EN ISO 3452-1	A
		Magnetic particle examination (MT) - Visual - Fluorescent	New construction In-service	ASME Section V BS EN ISO 17638	A
		Ultrasonic testing – flaw detection	New construction In-service	ASME Section V BS EN ISO 17640 AWS D 1.1	A
		Ultrasonic testing - thickness measurement	New construction In-service	ASME Section V	A
		Radiographic examination (RT)	New construction In-service	ASME Section V BS EN ISO 17636-1 AWS D 1.1	A
		Visual examination (VT) - Direct visual examination - Remote visual examination	New construction In-service	ASME Section V BS EN ISO 17637	A
		Paint coating thickness measurement	New construction In-service	SSPC PA-9	A
	Mechanical and Structural Engineering of Metallic Products	Hardness testing	New construction In-service	ASTM E 110 ASTM A956	A
		Metals identification, grade verification and sorting (PMI)	New construction In-service	ASTM E1476	A
		Spectrometric testing	New construction In-service	ASTM E415 ASTM E 1086	A
		Ferrite measurement	New construction In-service	ASTM A800 BS EN ISO 8249	A
		Leak testing	New construction In-service	ASME Section V	A



ACCREDITATION CERTIFICATE

LB-TEST-018

Emirates International Accreditation Centre

has accredited

EMIRATES INDUSTRIAL LABORATORY (LLC)

Inside Dubai Dry Dock, Near Port Rashid

Dubai - United Arab Emirates

In accordance with the requirements of

ISO/IEC 17025:2017

General requirements for the competence of testing and calibration laboratories

to undertake the tests in the attached accreditation scope

This Accreditation is invalid without the attached accreditation scope and shall remain in force within the validity period printed below, subject to continuing compliance with the requirements of the accreditation criteria.

Validity: 21/06/2021 to 24/05/2024

Initial Accreditation Date: 15/01/2002




CHIEF EXECUTIVE OFFICER
APPROVAL



Accreditation Scope

Metallurgical Testing

LB-TEST-018

Emirates Industrial Laboratory (LLC)

Inside Dubai Dry Dock, Near Port Rashid

Dubai- United Arab Emirates

Issue no.: 06

Date: 21-06-2021

Valid to: 24-05-2024

Type of Activity	Test Materials/Products	Test Name	Test Method
Physical / Mechanical Testing	Steel (Base Metal)	Standard Test Methods and Definitions for Mechanical Testing of Steel Products	ASTM A370
Physical / Mechanical Testing	Steel (Base Metal)	Metallic materials. Tensile testing. Method of test at ambient temperature Tension testing of metallic materials	BS EN ISO 6892 Part 1
Physical / Mechanical Testing	Steel (Base Metal)	Determining average Grain Size	ASTM E112 (Linear & Circular Intercept Methods)

Accreditation Scope

Metallurgical Testing

LB-TEST-018

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Inside Dubai Dry Dock, Near Port Rashid

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Issue no.: 06

Date: 21-06-2021

Valid to: 24-05-2024

Type of Activity	Test Materials/Products	Test Name	Test Method
Physical / Mechanical Testing	Steel (Base Metal)	Standard Test Methods and Definitions for Mechanical Testing of Steel Products-Bend test	ASTM A370
Physical / Mechanical Testing	Steel (Base Metal)	Standard Test Methods and Definitions for Mechanical Testing of Steel Products Notched Bar Impact	ASTM A370
Physical / Mechanical Testing	Steel (Base Metal)	Standard Test Methods for Notched Bar Impact Testing of Metallic Materials	ASTM E23

Accreditation Scope

Metallurgical Testing

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Issue no.: 06

Date: 21-06-2021

Valid to: 24-05-2024

Type of Activity	Test Materials/Products	Test Name	Test Method
Physical / Mechanical Testing	Steel (Base Metal)	Metallic materials. Charpy pendulum impact test. Test method- Charpy Impact Test	BS EN ISO 148 Part 1
Physical / Mechanical Testing	Steel (Base Metal)	Standard Test Methods and Definitions for Mechanical Testing of Steel Products Vickers Hardness test	ASTM A370
Physical / Mechanical Testing	Steel (Base Metal)	Standard Test Method for Knoop and Vickers Hardness of Materials	ASTM E92

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Metallurgical Testing

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Type of Activity	Test Materials/Products	Test Name	Test Method
Physical / Mechanical Testing	Steel (Base Metal)	Metallic materials. Vickers Hardness test. Test Method (HV5, 10) - Vickers Hardness Test	BS EN ISO 6507 Part 1
Physical / Mechanical Testing	Aluminum	Standard Test Methods for tension testing wrought and cast aluminum - and Magnesium - Alloy Products	ASTM B557
Physical / Mechanical Testing	Welded samples & All kinds of Fabricated, Structural, Oil and Gas Materials	Qualificaion Standard for Welding and Brazing Procedures. Welders, Brazers, and welding and brazing operators	ASME IX

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Date: 21-06-2021

Valid to: 24-05-2024

Type of Activity	Test Materials/Products	Test Name	Test Method
Physical / Mechanical Testing	Welded samples & All kinds of Fabricated, Structural, Oil and Gas Materials	Structural Welding Codes - Steel	AWS D1.1
Physical / Mechanical Testing	Welded samples & All kinds of Fabricated, Structural, Oil and Gas Materials	Structural Welding Codes - Aluminum	AWS D1.2
Physical / Mechanical Testing	Welded samples & All kinds of Fabricated, Structural, Oil and Gas Materials	Structural Welding Codes - Stainless Steel	AWS D1.6
Physical / Mechanical Testing	Welded samples & All kinds of Fabricated, Structural, Oil and Gas Materials	Destructive tests on welds in metallic materials- Bend Test	BS EN 5173

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Type of Activity	Test Materials/Products	Test Name	Test Method
Physical / Mechanical Testing	Welded samples & All kinds of Fabricated, Structural, Oil and Gas Materials	Specification and Qualification of Welding Procedures for Metallic Materials. Welding procedure test. Arc and Gas welding of Steels and Arc welding of Nickel and Nickel Alloys - Bend Test	BS EN 15614 Part 1
Physical / Mechanical Testing	Welded samples & All kinds of Fabricated, Structural, Oil and Gas Materials	Qualificaion Standard for Welding and Brazing Procedures. Welders, Brazers, and welding and brazing operators	ASME IX

Accreditation Scope

Metallurgical Testing

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Type of Activity	Test Materials/Products	Test Name	Test Method
Physical / Mechanical Testing	Welded samples & All kinds of Fabricated, Structural, Oil and Gas Materials	Structural Welding Codes - Steel	AWS D1.1
Physical / Mechanical Testing	Welded samples & All kinds of Fabricated, Structural, Oil and Gas Materials	Structural Welding Codes - Aluminum	AWS D1.2
Physical / Mechanical Testing	Welded samples & All kinds of Fabricated, Structural, Oil and Gas Materials	Destructive test on weld in metallic materials. Impact Tests. Test Specimen Location, Notch Orientation and Examination - Charpy Impact Test.	BS EN ISO 9016

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Valid to: 24-05-2024

Type of Activity	Test Materials/Products	Test Name	Test Method
Physical / Mechanical Testing	Welded samples & All kinds of Fabricated, Structural, Oil and Gas Materials	Specification and Qualification of Welding Procedures for Metallic Materials. Welding procedure test. Arc and Gas welding of Steels and Arc welding of Nickel and Nickel Alloys - Charpy Impact Test	BS EN 15614 Part 1
Physical / Mechanical Testing	Welded samples & All kinds of Fabricated, Structural, Oil and Gas Materials	Qualificaion Standard for Welding and Brazing Procedures. Welders, Brazers, and welding and brazing operators	ASME IX

Accreditation Scope

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Issue no.: 06

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Type of Activity	Test Materials/Products	Test Name	Test Method
Physical / Mechanical Testing	Welded samples & All kinds of Fabricated, Structural, Oil and Gas Materials	Structural Welding Codes - Stainless Steel	AWS D1.6
Physical / Mechanical Testing	Welded samples & All kinds of Fabricated, Structural, Oil and Gas Materials	Welding of Pipeline and Related Facilities	API 1104
Physical / Mechanical Testing	Welded samples & All kinds of Fabricated, Structural, Oil and Gas Materials	Destructive test on welds in Metallic Materials. Transverse Tensile Test - Tesnile Test	BS EN ISO 4136

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Valid to: 24-05-2024

Type of Activity	Test Materials/Products	Test Name	Test Method
Physical / Mechanical Testing	Welded samples & All kinds of Fabricated, Structural, Oil and Gas Materials	Specification and Qualification of Welding Procedures for Metallic Materials. Welding procedure test. Arc and Gas welding of Steels and Arc welding of Nickel and Nickel Alloys - Tensile Test	BS EN 15614 Part 1
Physical / Mechanical Testing	Welded samples & All kinds of Fabricated, Structural, Oil and Gas Materials	Qualificaion Standard for Welding and Brazing Procedures. Welders, Brazers, and welding and brazing operators	ASME IX

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Metallurgical Testing

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Issue no.: 06

Date: 21-06-2021

Valid to: 24-05-2024

Type of Activity	Test Materials/Products	Test Name	Test Method
Physical / Mechanical Testing	Welded samples & All kinds of Fabricated, Structural, Oil and Gas Materials	Structural Welding Codes - Steel	AWS D1.1
Physical / Mechanical Testing	Welded samples & All kinds of Fabricated, Structural, Oil and Gas Materials	Destructive tests on welds in metallic materials. Macroscopic and Microscopic examination of welds. - Macro Examination Test.	BS EN ISO 17639

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Valid to: 24-05-2024

Type of Activity	Test Materials/Products	Test Name	Test Method
Physical / Mechanical Testing	Welded samples & All kinds of Fabricated, Structural, Oil and Gas Materials	Specification and Qualification of Welding Procedures for Metallic Materials. Welding procedure test. Arc and Gas welding of Steels and Arc welding of Nickel and Nickel Alloys	ASME IX AWS D1.1
Physical / Mechanical Testing	Welded samples & All kinds of Fabricated, Structural, Oil and Gas Materials	Destructive test on welds in Metallic Materials. Hardness Testing. Hardness testing on arc welded joints. Vickers Hardness Test	BS EN 15614 Part1 EN ISO 9015 Part 1

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Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical Testing	Steel (Base Metal)	Standard test method for Rockwell Hardness test of Metallic Materials (HRC)	ASTM E18 BS EN ISO 6508
Chemical Analysis	Carbon Steel	Chemical analysis of Carbon Steel by Spark Atomic Emission Spectrometry	ASTM E415
Chemical Analysis	Austenitic Stainless Steel	Chemical analysis of Austenitic Stainless Steel by Spark Atomic Emission Spectrometry	ASTM E1086

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Valid to: 24-05-2024

Type of Activity	Test Materials/Products	Test Name	Test Method
Metallography	Steel (Base Metal)	Standard Test Method for Determining Volume Fraction by Systematic Manual Point Count	ASTM E562
Metallurgical Testing	Metallic Materials	Standard Test Methods for Determining Average Grain Size	ASTM E112
Corrosion Testing	Stainless Steel	Standard Practices for Detecting Susceptibility to Intergranular Attack in Austenitic Stainless Steels - Practice E	ASTM A262 (Practice E)

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Valid to: 24-05-2024

Type of Activity	Test Materials/Products	Test Name	Test Method
Corrosion Testing	Stainless Steel & Related alloys	Standard Test Methods for Pitting and Crevice Corrosion Resistance of Stainless Steels and Related Alloys by Use of Ferric Chloride Solution - Method A	ASTM G48 Method A

Accreditation History		
Issue no.	Details	Date
06	Renewal accreditation from EIAC and extension in scope (add Metallurgical Testing-Determining Average Grain Size, Corrosion Testing-ASTM A262 and ASTM G48)	21-06-2021
05	Extension in scope and first issuance under the name of EIAC (which was formerly known as DAC)	01-07-2019