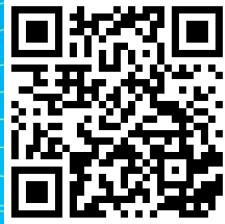




UKAIB

UK ASSESSMENT & INSPECTION BODY



Certificate of Compliance

This is to certify that

AL MAMAAS COMPANY FOR ENGINEERING TEST, DESIGNS, ENGINEERING AND ENVIRONMENTAL CONSULTANCY, TRAINING AND DEVELOPMENT, TECHNICAL FEASIBILITY STUDY LTD.

KUT AL HIJAJ, PLOT NO.: 156/67, BASRA

has been independently assessed by UKAIB and is compliance with the requirement of the standard

ISO/IEC 17020:2012

“Conformity Assessment: Requirements For The Operation Of Various Types Of Bodies Performing Inspection”

TYPE C

The scope of accreditation is attached to the certificate & considered as part of it and shall remain in force within the validity period printed below, subject to continuing compliance with the requirements of the accreditation criteria.

Certificate Number: QVA-ELHV-23-ALBAS612AS

To verify this certificate please visit at www.ukaib.com

Date of Certification	06TH DEC 2023
Issuance Date	06TH DEC 2023
1st Surveillance Due	05TH DEC 2024
2nd Surveillance Due	05TH DEC 2025
Re-Certificate Due	05TH DEC 2026



AUTH. SIGNATORY



UK Assessment & Inspection Body ADDRESS : 250 W George St Glasgow G2 4QY, UK

Validity of this certificate is subject to annual surveillance audits to be done successfully.

This certificate is the property of UK Assessment & Inspection Body and shall be returned immediately on request.

CERTIFICATE



UK ASSESSMENT & INSPECTION BODY

ACCREDITATION SCOPE

Organization Name	AL MAMAAS COMPANY FOR ENGINEERING TEST, DESIGNS, ENGINEERING AND ENVIRONMENTAL CONSULTANCY, TRAINING AND DEVELOPMENT, TECHNICAL FEASIBILITY STUDY LTD.
Organization Address	67/156Kout, Al-Hejaj, Basrah, Iraq
Accreditation No.	QVA-ELHV-23-ALBAS612AS
Accreditation Validity	From 06/12/2023 to 05/12/2026
Issue No.	001

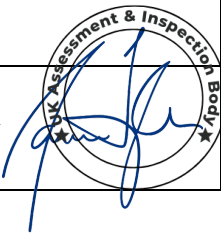
Field of Inspection	Range of Inspection	Stage of Inspection	Inspection method/ Reference standard/ Regulations
Lifts	Electrical Type Hydraulic Type	New Construction In-service	ISO / TR 8100 – 24 EN 81-20/50/71
Lifting and Conveying Machinery	<ul style="list-style-type: none"> • work platform • Tower Crane • Overhead Travelling Crane Portal Crane • Monorail Crane Mobile Crane Loader Crane • Vehicle Lift • Forklift • Chain hoist • Mast climbing • Trans pallet • Cable puller • Chain Puller 	New Construction In-service	TS ISO 9927-1 TS 10116 TS 10201 ISO 3184 TS ISO 4309 TS EN 12999+A1 TS EN 13000+A1 TS ISO 1074 TS EN 1757-2 TS EN 1493 TS EN 1495+A2 TS ISO 8566-3 TS ISO 8566-5 TS EN 1808 TS 1228 TS EN 1494+A1 BS 7121 BS 5744 BS7121-2
Lifting and Carrying Machines	<ul style="list-style-type: none"> • Platform • Forklift • Cranes • Stacker • Workshop Hoist • Vehicle Lifting • Escalator • Pallet Truck 	New Construction In-service	ASME B302 ISO TR 19961 ISO 15442 BS EN 1300 BS ISO 2330 BS ISO 5057 BS EN 2803
Pressure Equipment	<ul style="list-style-type: none"> • Compressor and air tank • Vacuum tank • Pressure and expansion tank • Road tanker tank • Industrial gas • Tanker tank • Liquefied petroleum gases tank • Storage tank • Autoclave • Industrial gas storage tank • Flammable, explosive, • Hazardous and harmful • Substances storage tank • Boilers 	New Construction In-service	AD-2000 EN 13445 EN 12493 EN 14025, EN 12972 EN 13094 EN 286-1 EN13831 ASME Sec.VIII Div.1 AS/NZS 37882001 ASME SECX II





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Scaffolding	Shoring Scaffold Access System Rolling Towers Dray Walls Carts Scaffolding Erection & Inspection	New Construction In-service	BSEN 7-1-3:2001 BSEN 1004:2004 Cpl-02-01-023 TG 20:13 - SG 4
Valves	Pressure relief valves Steel butterfly valves Cryogenic valves	New Construction In-service	API 598 BS 6364 API 598 ASME PTC 25 API 527
Metal Analysis (PMI)	<ul style="list-style-type: none"> • Metal Analysis (TI – V – CR – MN -FE- CO- NI- CU- NB – MO -W) 	New Construction In-service	SS303 XMET : 3000 TX ISO :30:1981 ASTM E415 API RP 578
Explosion Proof	<ul style="list-style-type: none"> • All Electrical and sensors • Transmitters • Control Valves • Shutdown Valves • Light • Pushbuttons • Pumps • Compressors • All Junction Boxes 	New Construction In-service	EN 60079 IEC 60079
Pipelines	<ul style="list-style-type: none"> • Storage Tank Construction • Piping inspectors • Storage Tank Maintenance • Steel Structure 	New Construction In-service	API 1104 ASME 31.3 API 570 API 653 API 650 AWS D1.1
Electrical	<ul style="list-style-type: none"> • Transformers • Cables • high potential AC, DC&VLF Motors 	New Construction In-service	IEC 60529, AS/NZS 1026: 2004, AS 1049 – 2014, AS/NZS 1429.1:2006, AS/NZS 1429.2 :2009 AS/NZS 5000.1:2005 AS/NZS 4961:2003 AS/NZS 4026:2008
Pressure Vessels Compressed-Air Tank	<ul style="list-style-type: none"> • Compressor Air Tank • Water Pressure/Expansion Tank • Liquefied Gas Tank 	New Construction In-service	Health and security conditions directive for work equipment usage.
Boilers	<ul style="list-style-type: none"> • Steam Boiler • Heating/Hot Water Boiler • Hot Oil Boiler • Steam Cooking Boiler • Superheated Water Boiler 	New Construction In-service	Health and security conditions directive for work equipment usage.
Heat Exchanger	<ul style="list-style-type: none"> • Welding qualifications Vessel Tube • Boiler & Pressure Vessel • Pressure vessel inspection • Pressure vessel inspection, alteration, rerating • Shell Exchangers 	New Construction In-service	KTA_1401 API RP 586 - Section 1 API 572 API 510
Environmental	<ul style="list-style-type: none"> • Illumination and Noise Survey • Air Emission • All fields including inspection fields, buildings, oil and gas field 	New Construction In-service	EPA NAAQS OSHA Standards





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<p>Non-Destructive Tests (UT, MT, VT, RT, PT)</p>	<ul style="list-style-type: none"> • Welding 	<p>New Construction In-service</p>	<p>ASME Sec.V ASME B 31.1 ASME B 31.3 ASME B 31.8 ASME Sec.VIII API 1104 API 650 API 5L EN 10160 ASTM A435 ISO 10893-8 ISO 10893-9 ISO 10893-10 ISO 10893-11 ISO 10893-12 TS EN ISO 5817 EN ISO 11666 EN ISO 23279 EN ISO 17640 TS EN 10228-3 TS EN 12680-1 AWS D1.1 AWS D.1.5 AD 2000 CODE HP5/3</p>
<p>Non-Destructive Tests</p>	<ul style="list-style-type: none"> • Boilers 	<p>New Construction In-service</p>	<p>EN 12953 EN 12952 ASME Sec.I / IV / V III / X ISO 16528-1</p>
<p>Non-Destructive Tests</p>	<ul style="list-style-type: none"> • Storage tanks 	<p>New Construction In-service</p>	<p>API 620 API 650 API 653</p>



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