

10.17 Scope of Accreditation

Issue No: 2/ Issue Date: 23-05-2021
File Manager: Hamza Khan

Inspection Body Accreditation No. AIB 0029

is accredited by the GCC Accreditation Center (GAC) in accordance with the recognized International Standard ISO/IEC 17020:2012,
"Conformity assessment requirements for the operation of various types of bodies performing inspection"

BUREAU VERITAS MIDDLE EAST CO.LLC – Type A	
Address. Office No.: 06 A, 6th Floor, Coral Building, Bld No: 3235, Dohat Al Adab Street, Way No: 3341, Al Khuwair, Muscat, Sultanate Of Oman	Contact: Mr. Raja Bou Fakher Aldeen Tel: +968-24968001 Fax: +968-24475794 Email: raja.boufakheraldeen@bureauveritas.com Web Address: https://group.bureauveritas.com

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

1- **address:** Office No.: 06 A, 6th Floor, Coral Building, Bld No: 3235, Dohat Al Adab Street, Way No: 3341, Al Khuwair, Muscat, Sultanate of Oman

10.17 Scope of Accreditation

Issue No: 2/ Issue Date: 23-05-2021
File Manager: Hamza Khan

GAC



ACCREDITED

INSPECTION

ISO/IEC 17020:2012

No. AIB 0029

For the following scope:

Scope:

30. Inspection:

- 30.2 Industrial Equipment and Machinery
- 30.2.02 Lifting and lifted Equipment
- 30.2.12 Pipelines
- 30.10 Inspection of Processes
- 30.10.01 Welding

6.0. Non-Destructive Testing:

- 6.50 Ultrasonic examination of materials
- 6.61 Magnetic particle testing
- 6.71 Penetrant testing

Scope details are as follows:

10.17 Scope of Accreditation

Issue No: 2/ Issue Date: 23-05-2021
File Manager: Hamza Khan

Inspection Category	Items of inspection	Type of inspection	Reference standards / Regulations / Internal Procedure/Client Specifications
Lifting Equipment	Manual Lifting Machine (Chain Block, Lever Hoist)	Initial and periodic inspections	BS EN 13157:2004+A1:2009 European Standard for safe use of Chain Block
Lifting Equipment	Containers (offshore)	Initial and periodic inspections	BS EN ISO 10855-3:2018 offshore containers and associated lifting sets. Design, manufacture and marking of offshore containers
Lifting Equipment	Crane – Electric Overhead Travelling	Initial and periodic inspections	BS 7121-2-7:2012 + A1:2015 European Standard for safe use of EOT Crane BS EN 15011:2020 Bridge and gantry cranes
Lifting Equipment	Crane – Lorry Loader	Initial and periodic inspections	BS 7121-2-4:2013 & BS EN 12999:2020 European Standard for safe use of Lorry Loader BS EN 13001-1:2015 Cranes. General design. General principles and requirement
Lifting Equipment	Crane – Mobile	Initial and periodic inspections	BS 7121-2-1:2012 & BS 7121-2-3:2012 European Standard for safe use of Mobile Crane BS EN 13000:2010+A1:2014 Cranes. Mobile cranes
Lifting Equipment	Mechanical Handling Equipment's (Fork Lifts, Telehandlers, Tool carriers, Pallet stackers)	Initial and periodic inspections	BS ISO 22915-2:2018- Industrial trucks - Verification of stability - Counterbalanced trucks with mast , BS EN ISO 3691-5:2015+A1:2020-Industrial trucks. Safety requirements and verification. Pedestrian-propelled trucks
Lifting Equipment	Eyebolt / Eyenuts	Initial and periodic inspections	BS 4278:1984 European Standard for Eye bolts for Lifting purposes

10.17 Scope of Accreditation

Issue No: 2/ Issue Date: 23-05-2021
File Manager: Hamza Khan

Lifting Equipment	Webbing Sling(flat polyester webbing& Round Sling)	Initial and periodic inspections	BS EN 1492-1:2000+A1:2008 European Standard for safe use of Webbing Sling BS EN 1492-2:2000+A1:2008 Textile slings safety, round sling made of manmade fibers for general purpose use
Lifting Equipment	Wire Rope Sling (Steel)	Initial and periodic inspections	BS EN 13414-1:2003+A2:2008 European Standard for safe use of Steel Wire Rope Sling for general lifting services, BS EN 13414-3:2003+A1:2008 European Standard for safe use of Steel Grommet and cable laid slings BS EN 13414-2:2003+A2:2008 European Standard for Steel wire rope slings. Safety. Specification for information for use and maintenance to be provided by the manufacturer
Lifting Equipment	Snatch & sheave Block	Initial and periodic inspections	BS EN 13157:2004+A1:2009- Cranes. Safety. Hand powered cranes
Lifting Equipment	Chain Sling	Initial and periodic inspections	BS EN 818-4-1996+A1:2008 – Short Link chain for Lifting purposes grade 8 BS EN 818-5-1999+A1:2008 – Short Link chain for Lifting purposes grade 4 BS EN 818-6-2000+A1:2008 – Short link chain for lifting purposes. Safety. Chain slings. Specification for information for use and maintenance to be provided by the manufacturer,
Lifting Equipment	Shackle	Initial and periodic inspections	BS EN 13889-2003+A1:2008 - European Standard for Forged steel shackles for general lifting purposes- Dee shackles and bow shackles Grade 6

10.17 Scope of Accreditation

Issue No: 2/ Issue Date: 23-05-2021
File Manager: Hamza Khan

Lifting Equipment	Mobile Elevating Working Platform (Man lift) Manual & Power Operated	Initial and periodic inspections	BS EN 280:2013+A1:2015 – European Standard Mobile elevating work platforms. Design calculations. Stability criteria. Construction. Safety. Examinations and tests
Lifting Equipment	Man Basket	Initial and periodic inspections	BS EN 14502-1:2010- Cranes - Equipment for the lifting of persons - Part 1: Suspended baskets
Dropped Object Survey & Inspection (DROPS)	Independent Dropped object survey for Onshore & Offshore Drilling Rigs, Work over Hoists, FPSO's, Drill ships and High-Rise Structures and facilities	Initial and periodic inspections	DROPS prevention scheme recommended practice Rev:2 2020 OPAL Drops Management Standard :OPAL-STD-HSE-04 Rev 0, Issue Date: 01.08.2018 Drops Reliable securing Rev4
Lifting Equipment	Power Operated Lifting Machines- Pneumatic or Hydraulic or Electrical (Power Hoist with Trolley beam, Power Winches, Man-riding Winches)	Initial and periodic inspections	BS EN 13157:2004+A1:2009 Cranes. Power driven winches and hoists. Power driven winches BS EN 14492-1:2006+A1:2009 Cranes. Safety. Hand powered cranes BS EN 14492-2:2019 Cranes. Power driven winches and hoists. Power driven hoists
Electrical Safety Verification & Thermography	Electrical Safety Verification & Thermography	Initial and periodic inspections	OES 4 Electrical Installations in building, BS 7671 Requirements of Electrical Installations NFPA 70E:Standard for electrical safety in workplace NFPA 70B:Recommended practice for electrical equipment maintenance ANSI/NETA MTS:2011

10.17 Scope of Accreditation

Issue No: 2/ Issue Date: 23-05-2021
File Manager: Hamza Khan

ACCREDITED
INSPECTION
ISO/IEC 17020:2012
No. AIB 0029

Visual Inspection (VT)	Well control Equipment's (BOP Equipment's, High pressure lines, manifolds, valves etc.), boilers & vessels	Initial and periodic inspections	API RP 53 3rd Edition, March 1997 Recommended Practices for Blowout Prevention Equipment Systems for Drilling Wells SP-2234 Well Engineering Equipment Inspection & Certification ASME Boiler and Pressure Vessel Code, Section V Article 9
Liquid Penetrant Inspection	Equipment's, components, appliances, Ferrous and Non-ferrous materials such as CS, SS, DSS and CRA etc. weldments, rotary shouldered connection, Drill stem equipment for surface flaws	Initial and periodic inspections	ASME Boiler and Pressure Vessel Code, Section V Article 6 ASTM E165 - Standard practice for liquid penetrant Examination Standard DS-1 Volume 3 & 4 or API RP 7G-2 SP-2234 Well Engineering Equipment Inspection & Certification ASME B31.3
Magnetic Particle Inspection	Equipment, components, appliances, metal structures and welds, pad eyes, slip and upset external surfaces of used steel drill pipe, ferromagnetic connections for transverse surface flaws, slip and upset external surface of used steel drill pipe	Initial and periodic inspections	ASME Boiler and Pressure Vessel Code, Section V Article 7 ASTM E709 - Standard Guide for Magnetic Particle Examination. Standard DS-1 Volume 3 & 4 or API RP 7G-2

10.17 Scope of Accreditation



ACCREDITED
INSPECTION
 ISO/IEC 17020:2012
 No. AIB 0029

Issue No: 2/ Issue Date: 23-05-2021
 File Manager: Hamza Khan

<p>Ultrasonic Inspection</p>	<p>Equipment's, components, appliances, metal structures and welds , Temporary pipe works & vessels, rotary shouldered connection</p>	<p>Initial and periodic inspections</p>	<p>ASME Sec V Article 5 ASTM E114 - Standard Practice for Ultrasonic Pulse Echo Straight Beam Examination by the contact method. PR-1448 - WE Procedure Shell Global Standard for Temporary Pipework SP-2234 Well Engineering Equipment Inspection & Certification Standard DS-1 Volume 3 & 4</p>
------------------------------	---	---	---

10.17 Scope of Accreditation

Issue No: 2/ Issue Date: 23-05-2021
File Manager: Hamza Khan

<p>Rig Audits</p>	<p>Drilling Rigs, Work Overs, well service units</p>	<p>I) Mast, Substructure, Hoisting Cat-III Verification II) Well Control Equipment's Verification. III) Circulatory System Verification IV) Electrical system Verification</p>	<p>API Spec 4F, Specification for Drilling & Well Servicing Structures API RP 4G, Recommended Practice for Maintenance & Use of Drilling and Well Servicing Structures API SPEC 8C Drilling and Production Hoisting Equipment 5th Edition API RP 9B, Recommended Practice on Application, Care and Use of Wire Rope for Oilfield Service API RP 53, 5th Edition December 2018 Recommended Practice for Blowout Prevention Equipment Systems for Drilling Wells API RP 54, 4th Edition February 2019, Recommended Practice for Safety & Health for Oil & Gas Well Drilling and Servicing Operations API Specification 7K 6th Edition December 2015, Drilling and Well Servicing Equipment API RP 7L , 1ST ED (A1) (A2) (R 2012) Procedures for Inspection, Maintenance, Repair, and Remanufacture of Drilling Equipment API RP 500, 3rd edition 2012 Recommended Practice for Classification of Locations for Electrical Installations at Petroleum Facilities International Association of Drilling Contractors (IADC) PR-1448, WE Procedure Shell Global Standard for Temporary Pipework Rev: 5 Feb 2012</p>
-------------------	--	--	---

10.17 Scope of Accreditation

Issue No: 2/ Issue Date: 23-05-2021
File Manager: Hamza Khan

ACCREDITED
INSPECTION
ISO/IEC 17020:2012
No. AIB 0029

Drill Stem	Drill string components	Initial and periodic inspections	DS-1 Drill stem Inspection Volume-3 5th Edition DS-1 Drilling Specialty Tools Inspection Volume-4, 5th Edition API RP 7G-2 Inspection and Classification of Used Drill Stem Elements
Safety Equipment's (PPE)	Fall Arrestors, Full body harness, Lanyards, safety lines, life lines	Initial and periodic inspections	BS EN 361 :2002 - Personal Protective Equipment Against Falls from A Height – Full Body Harnesses BS EN 363:2018 - Personal Protective Equipment Against Falls from A Height – Fall Arrest Systems BS EN 354 : 2010 - Personal Protective Equipment Against Falls from A Height – Lanyards BS EN 358:2018 PPE For Work Positioning And Prevention Of Falls from A Height: Belts For Work Positioning And Restraint And Work Positioning Lanyards PDO SP_1234 - Personal Protective Equipment

10.17 Scope of Accreditation

Issue No: 2/ Issue Date: 23-05-2021
 File Manager: Hamza Khan

GAC



ACCREDITED
INSPECTION
 ISO/IEC 17020:2012
 No. AIB 0029

<p>Static Equipment, Structural & Piping</p>	<p>Pressure Vessels & Boiler, Storage Tanks, Steel Structure and Piping</p>	<p>Initial and periodic inspections</p>	<p>ASME Sec VIII Division 1: Rules for Construction of Pressure Vessels: 2019 ASME Sec VIII Division 2: Rules for Construction of Pressure Vessels: 2019 ASME Sec I: Rules for Construction of Power Boilers: 2019 ASME Sec. II: ASME Material Specifications: 2019 ASME Sec V: Non-destructive Examination: 2019 ASME Sec IX: Qualification Standard for Welding, Brazing and Fusion Procedures; Welders, Brazers and Welding, Brazing and Fusion Operators: 2019 ASME B 31.1: ASME Code for Power Piping: 2020 ASME B 31.3: ASME Code for Process Piping: 2018 AWS D1.1: Structural Welding Code-Steel: 2020 API 650: Welded Tanks for Oil Storage: 2020 API 653: Tank Inspection, Repair, Alteration and Reconstruction: 2014 API 510: Pressure Vessel Inspection Code: In-service Inspection, Rating, Repair and Alteration: 2014 API 570: Piping Inspection Code: In-service Inspection, Rating, Repair and Alteration of piping Systems: 2016</p>
--	---	---	---

10.17 Scope of Accreditation

Issue No: 2/ Issue Date: 23-05-2021
File Manager: Hamza Khan

ACCREDITED
INSPECTION
ISO/IEC 17020:2012
No. AIB 0029

Pipe & Fittings (Metallic & Non-metallic)	Pipe (metallic) Glass Reinforced Polyester (GRP)/ Glass Reinforced Epoxy (GRE) Pipes & Fittings High Density Polyethylene (HDPE) Pipes & Fittings	Raw material inspection, , Inspection during manufacturing stage, - Quantity inspection, Threading Inspection	API 5CT: Specification for Casing & Tubing, 10th Edition, 2018 API 5B: Threading, Gauging, and Inspection of Casing, Tubing, and Line Pipe Threads, 2017, Addendum 2021 API 5B1: Gauging, and Inspection of Casing, Tubing, and Line Pipe Threads: 2015 API 5L: Specification for Line Pipe, 46th Edition 2018 ISO 14692: Petroleum and natural gas industries: Glass-reinforced plastics (GRP) piping, Edition 2017 ISO 4427: Plastics piping systems — Polyethylene (PE) pipes and fittings for water supply: Edition 2019
Pipeline	Pipeline (Fabrication & Installation)	Initial and periodic inspections	API 1104: Welding of Pipelines and Related Facilities, Edition 2013, Addendum 2016, Errata 2018
Welding	Welded Joints, Metallic Materials	Welding Inspection, Approval of Welding Procedure Qualification & Approval of Welding Performance Qualification	ASME Sec IX: Qualification Standard for Welding, Brazing and Fusion Procedures; Welders, Brazers and Welding, Brazing and Fusion Operators: 2019 AWS D1.1: Structural Welding Code-Steel: 2020 API 1104: Welding of Pipelines and Related Facilities, Edition 2013, Addendum 2016, Errata 2018 BS EN ISO 15614-1: Specification and qualification of welding procedures for metallic materials, Edition 2017, Addenda 2019

Note: the text in blue indicates the new scope OR update in the Edition of a ref. standard, regulations or internal procedure in this issue of the scope of accreditation.

Log of Suspended Scopes:

10.17 Scope of Accreditation

Issue No: 2/ Issue Date: 23-05-2021
File Manager: Hamza Khan

Inspection Category	Items of inspection	Type of inspection	Reference standards / Regulations / Internal Procedure/Client Specifications	Date Suspended	Date Reinstated

Log of Withdrawn Scopes:

Inspection Category	Items of inspection	Type of inspection	Reference standards / Regulations / Internal Procedure/Client Specifications	Date Withdrawn

END

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

United Arab Emirates	Bahrain	Saudi Arabia	Oman	Qatar	Kuwait	Yemen

Status of this accreditation can be checked in the GAC's website to confirm the validity of this accreditation.