

10.17 Scope of Accreditation

Issue No: 1/ Issue Date: 30.03.2023
File Manager: Hamza Khan



ACCREDITED
INSPECTION
ISO/IEC 17020:2012
No. AIB 0056

Inspection Body Accreditation No. AIB 0056

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.”

Quality Techno Certification- Type A	
Address. No.6201, Othman Bin Affan Branch Road, Al Narjis Neighbourhood, 2828, Kingdom of Saudi Arabia	Contact: AHMAD KHALIL ALMASLAMANI, CEO Tel: +966 50 537 3939, +966 114 03 0301 Fax: Email: a.almaslamani@qtc.sa info@qtc.sa Web Address: www.qtc.sa

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

Address 01: Quality Techno Certification KSA No.6201, Othman Bin Affan Branch Road, Al Narjis Neighbourhood, 2828, Kingdom of Saudi Arabia (Table 01 Scope Only)

Address 02: Quality Techno QT Oman: PO Box: 223, Postal Code 121, Alkhuwair Bousher, Muscat, Sultanate of Oman (Table 02 Scope Only)

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For the following scope:

- 30.0 – Inspection
- 30.1 - Agriculture and agricultural products
- 30.2 – Industrial Equipment and Machinery
- 30.3 – Manufactured Goods
- 30.9 – Environment
- 30.10 – Inspection of Processes

Scope details are as follows:

The Below Scope is applicable for Saudi Branch Only (Table 1):

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Inspection Category	Items of inspection	Type of inspection	Reference standards / Regulations / Internal Procedure/Client Specifications
Cyber security / Advanced Cyber security	Applications verification security and industrial verification security for IT products Cybersecurity verification: software, hardware (cloud hosted, On-premise, Hybrid)	<ul style="list-style-type: none"> - Witnessing Ongoing Monitoring Activities - Witnessing Vulnerability Activities - Witnessing of Effectiveness Analyses - Witnessing of Defense-in-Depth Protective Strategies - Configuration Management and Change Control - Cyber Security Program - Inspection of Cybersecurity incident and threat intelligence sharing platform, Emergency communication, incident response training, IR capabilities including containment, recovery and forensic) - Witnessing of Penetration test - Witness of Performance Testing Metrics 	QTC-WII-008 Rev02 Cybersecurity Inspection SACS-002 Issue Date: February 2022 NIST Special Publication 800-53 Rev5:2020 ISO/IEC 27001:2022 BS EN IEC 62443-3-2:2020 BS IEC 62443-2-1:2011 BS IEC 62443-3-3:2013 IEC/TS 62443-1-1:2009 IEC/TR 62443-3-1:2009 IEC/TR 62443-2-3:2015 IEC 62443-2-4:2015+A1:2017 IEC TR 62443-3-1:2009 IEC 62443-3-2:2020 IEC 62443-3-3:2013
Pressure Equipment related to Petroleum products and facilities	<ul style="list-style-type: none"> - Boilers - Vessels - Storage tanks - Piping system and steel structure 	Manufacturing Inspection (Stage / Final)	QTC-WII-007 Rev02 Pressure Equipment API 510: Errata 1, 11th edition, March 2023 API 570: 2016, Edition 4th API 570: 2016 Addendum 1, 4th edition API 570: Addenda 2, 4th edition API 570: Errata 1, 4th edition API STD 653:2018, 5th edition API STD 653: Errata 1, 5th edition

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Facilities in Petroleum Industry	<ul style="list-style-type: none"> - Incoming Materials Inspection - Tank installations - Electrical systems - Ventilation and air conditioning systems, - Mechanical components - Design Review for Electrical and mechanical products - Fire protection and plant security, 	Visual Inspection Quantity Verification Dimensional Checks Witnessing on Performance	QTC-WII-009 Rev02 Petroleum Industry ISO 13702:2015
Industrial Equipment, Mechanical and s Machinery	Industrial Machinery	Pre/post inspection Visual Inspection Quality Verification Dimensional Checks Packing and marking Witnessing on Performance	QTC-WII-027 Rev01 Industrial Equipment. API STANDARD 617 9th Edition API 618:2008 API STD 618:2008 Reaffirmed, August 2016 API STD 619:2010, Edition 05 API STD 681:2021, Edition 02, API STD 672:2019, Edition 5 API STD 610:2021, Edition 12 ISO 13709:2009 ANSI B73.1:2020 API STD 674:2010, Edition 3 (Reaffirmed 2016) ISO 2858:1975 API STD 685:2022, 3 rd Edition, API SPEC 5L:2018, 46th Edition, API SPEC 5L:2018, Errata 1, 46th Edition
	Construction Equipment		
	Generators		
	Pumps		
	Compressors		
	Valves		
	Pipes and Fittings		
	Structures and Structural member		
Line Pipe and Plates			

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<p>Renewable Energy Inspection</p>	<p>Photovoltaic Solar Panels</p>	<p>Visual Inspection Witnessing of Safety Tests Quantity Verification Dimensional Checks Packing and Marking Loading and Unloading Supervision</p>	<p>QTC-WII-011 Rev02 Renewable Energy IEC 61730-1:2016 IEC 61730-2:2023 PRV IEC 61215-1-1:2021 IEC 61215-1-2:2021/AMD1:2022 IEC 61215-1-3:2021/AMD1:2022 IEC 61215-1-4:2021/AMD1:2022 IEC 61215-1:2021 IEC 61215-2:2021</p>
<p>Non-Destructive Testing</p>	<p>Welds/Plates/Tubes/Pipes/Plant piping/Rails/Structural</p>	<p>Dye Penetrant Examination (DPE) Magnetic Particle Inspection (MPI) Ultrasonic testing – Thickness Measurement and flaw detection (UT) Positive Material Identification (PMI) Portable Hardness Testing Eddy Current Testing (ET) Internal Rotary Inspection System (IRIS) Ultrasonic testing – flaw detection Time-of-flight diffraction (TOFD) Ultrasonic testing – flaw detection Phased array ultrasonic testing (PAUT) Long Range Ultrasonic Testing (LRUT) Remote Visual inspection Magnetic Flux Leakage (MFL) Leak Testing - Vacuum Test (LT)</p>	<p>QTC-WII-026 Rev02 NDT Inspection ASME BPVC Section V: 2021 API STD 650: 2021, Edition 13 API STD 650: Errata 1, 13th edition ASME SEC VIII Div-1 & 2 2021 ASME B31.3:2022 Edition (Issued June 2023) ASME B31.1: 2022 ASTM E165/E165M-18 ASTM E1209-18 ASTM E1220-21 ASTM E709-21 ASTM E1444/E1444M-22a API STD 1104:2021, Edition 22 API RP 578:2023, Edition 4 ASME Sec II-2021 ASTM A956/A956M-22 API STD 620:2018, Edition 12 API STD 653:2018, Edition 5 API STD 653: Errata 1, 5th edition</p>

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<p>Environmental inspection</p>	<ul style="list-style-type: none"> -Noise -Air quality -Industrial waste -Water -Radiation inspection of Ground Water -CO2 & GHG Emissions - Desertification, afforestation 	<p>Visual inspection Quality Inspection Quantity inspection Initial, stage, in-service, periodic and final inspections</p>	<p>QTC-WII-012 Rev01 Environmental inspection Technical regulations for the protection of water environments from pollution Technical regulations for environmental inspection and auditing Technical regulations for Air Quality Technical regulations for environmental service providers Technical regulations for Noise Technical regulations for preventing and treating soil pollution. For the Environment Law issued by Royal Decree No. M/165 Date: 19/11/1441 AH</p>
<p>Electrical equipment including cables</p>	<p>Power units, electrical stations, high- and medium-voltage cables, control panels, generators, transformers, mobile generators, electrical accessories for power transmission lines telecommunication equipment</p>	<p>Pre/Post shipment Visual Inspection Quality Verification Dimensional Checks Packing and marking Performance and Functional Inspection</p>	<p>QTC-WII-010 Rev01 Electrical installation BS 7671:2018 NFPA 70B:2016 ANSI/NETA MTS:2019 IEC 60335-XX</p>

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<p>Rigs</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>QTC-WII-013 Rev02 Rigs Inspection API Spec 4F:2020, Edition 5, June 2020 API RP 4G:2019 API RP 4G Addenda 1, 5th edition API RP 4G Addenda 2, 5th edition API SPEC 8C 2012, 5th edition API SPEC 8C: Errata 2, 5th edition API RP 9B:2015, Edition 14 API RP 9B: Addenda 1, 14th edition API Std 53,5th Edition API RP 54, 4th Edition API RP 54: Addenda 1, 4th edition API Spec 7K:2015 6th Edition API SPEC 7K: Errata 1, 6th edition API SPEC 7K: Errata 2, 6th edition API SPEC 7K: Errata 3, 6th edition API RP 7L:2018, Edition 1 API RP 500:2021,3rd edition, (Reaffirmed) API RP 505:2018 , 2nd edition PR 1448 (For PDO Use)</p>
<p>Bridges, Roads and Signaling and public parks Inspection</p>	<p>sidewalks and traffic lights Public safety and traffic safety (including excavations, asphalt, road safety, traffic signals efficiency, bridge and road barriers, cracks, pavement efficiency and public garden accessories)</p>	<p>Visual Inspection Initial, stage, in-service, periodic and final inspections</p>	<p>QTC-WII-014 Rev01 Bridges, Road signaling and public par</p>

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Surveillance for services inspection	Commercial, health and educational establishments, shops, restaurants and warehouses	Visual Inspection	QTC-WII-025 Rev01 Surveillance of services inspection
Automatic Firefighting and safety equipment.	Automatic firefighting, pumps, extinguishers, sensors, strobe lights, control and repeater panels, firetrucks, fire pumps, jockey pumps, water storage tanks, distribution pipes, fire hoses and hydrants, Switchgear rooms (Novac gas FM200 gas) , Diesel pump , fire extinguishers. Safety Signage and Emergency light, suppression system components including panels, lights and sensors, Fire Alarm, heat detectors and other types of equipment related to fire safety,	<ul style="list-style-type: none"> - Visual Inspection - Witnessing of Installation - Witnessing of Functional Testing - Witnessing of In-service Check - Periodic Inspection 	QTC-WII-024 Rev01 Automatic Firefighting and safety equipment inspection NFPA 72:2022 NFPA 70:2023 NFPA 25:2023 NFPA 20:2022 NFPA 10:2022 NFPA 2001:2022 NFPA 101:2021 NFPA 220:2021 NFPA 204:2021 NFPA 80:2022 Saudi-Building-Code-SBC-801:2018
Warehouses and Storage and their operation inspection	<ul style="list-style-type: none"> -Storage devices in pharmacies, hospitals and warehouses -Fridges and refrigerators efficiency 	Visual Inspection Instructions Manuals & Document Verification Efficiency of the system and Operations Verification of temperature and humidity	QTC-WII-023 Rev01 Warehouse storage and operation inspection SFDA procedure for warehouses

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<p>Offshore Inspection</p>	<p>Ships, boats, and all its ancillary parts</p>	<p>Visual Inspection Dimensional Check Verification of loads Port Inspection Inspection of Rust and Corrosion</p>	<p>QTC-WII-022 Rev01 Offshore inspection ISO 19901-1-2015 API RP 2A-WSD-2014 , Reaffirmed 2020, Edition 22, September 20200 ISO 19901-1-2015 ISO 19901-3-2014 ISO 19901-5-2021 ISO 19901-6-2009 ISO 19901-7-2013 ISO 19902-2020 ISO 19906:2019 ISO 10855-1:2018</p>
<p>Precious Metals, Precious Stones, Pearls and Jewelry Metals</p>	<p>Gold, Silver, Platinum, Pearls, Diamonds, Jade, Garnet and Similar Products; Jewelry and articles of Precious Materials Phosphate, Zinc, Copper, Iron</p>	<p>Pre/Post shipment inspection and conformity assessment inclusive of the following activities for various Government Client contracts, where applicable. • Marking and Labelling verification on the products and their packaging • Verification of Instructions for Use • Sampling for Testing • Container Loading Supervision and Container Sealing • Quantity verification</p>	<p>QTC-WII-021 Rev02 Precious metal stones</p>

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<p>Lifting equipment</p>	<p>Tower Crane, Overhead & Gantry Crane Mobile Crane, Forklift, Scaffolds</p>	<p>Initial Inspection and Periodic Inspection</p>	<p>ASME B30.3:2019 ASME B30.2 - 2022 ASME B30.17 – 2020 ASME B30.16 – 2022 ASME B30.5:2021 BS 7121-2-3:2012 BS 7121-2-1:2012 ANSI/ITSDF B56.1a-2018 ANSI/ITSDF B56.6-2021 SASO-329:1994 BS EN 12811-1:2003 BS 5975:2019 BS 2482:2009 BS EN 74-1: 2022 BS EN 74-2: 2022 BS EN 74-3:2007</p>
<p>Telecommunication Devices and accessories</p>	<p>Efficiency of the cellular signal coverage (Voice and Data) for the areas and the efficiency of the Internet speed through the optical fiber cables, Wi-Fi, the relay stations, the radio and the satellite signal receiving stations. Satellite Internet Telephones, Modems, Intercoms, Video Door Phone System and Similar Communication Equipment Including Mobile Phones and cordless telephones</p>	<p>Initial, stage, in-service, periodic and final inspections</p>	<p>QTC-WII-020 Rev01 Telecommunication devices ISO/IEC 11801-1:2017 ISO/IEC 11801-4:2017 ISO/IEC 14763-3:2014 ISO/IEC 14908-1:2012 ISO/IEC 18092:2013</p>

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<p>Petroleum Products Transportation Tanks</p>	<ul style="list-style-type: none"> - Petroleum Tankers - LPG Tankers 	<p>Initial and Periodic inspection General Safety Inspection Verification of Dimensions and Weights</p>	<p>MA.171-19-06-03 Technical Regulation of Tanks – Part: 1 Petroleum Tankers (اللانحة الفنية لصهاريج نقل المنتجات البترولية) SASO 2288:2014 SASO 1285:1997 SASO-GSO-974:1997 SASO 2809:2014 SASO 1284:2017 SASO 469:2022 MA.183-22-07-02-02 Technical Regulation of Tanks – Part: 2 LPG Tankers (صهاريج نقل الغاز البترولي المُسال) SASO EN 12252:2012 SASO EN 12493:2011 BS EN 13776:2013 BS EN 14334:2014 SASO – 2910:2022 SASO -1284:2017 SASO 469:2022</p>
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<p>SASO Technical Regulation for Trailers and Semi-Trailers</p>	<p>- Trailers and Semi-Trailers</p>	<ul style="list-style-type: none"> - Visual Inspection of components permanently fixed to trailer - Functional Inspection Frame and Body visual Inspection. - Visual inspection of coupling Device functional and operational - Visual Inspection of Compressed Air Lines Check for Leaks - Visual Inspection of electrical system, Lighting Equipment, Braking System, brake system and leak test 	<p>SASO-2910:2022</p>
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<p>Machinery Safety</p>	<ul style="list-style-type: none"> - Earth-Moving Machinery -- Guards - Earth-Moving Machinery -- Service Tools - Earth-Moving Machinery -- Service Tools - Earth-Moving Machinery -- Rubber-Tired Machines - Earth-Moving Machinery -- Hydraulic Excavators and Backhoe Loaders - Earth-Moving Machinery -- Basic Types - Earth-Moving Machinery -- Dumper Bodies - Earth-Moving Machinery -- Elevating Scrapers - Earth-Moving Machinery -- Tractor-Scraper - Earth-Moving Machinery -- Preservation and Storage - Earth-Moving Machinery -- Common Symbols - Earth-Moving Machinery -- Specific Symbols for Machines, Equipment and Accessories - Earth-Moving Machinery -- Operator's Manual Content and Format - Earth-Moving Machinery -- Cutting Edges Used On Tractor-Dozers, Graders And Scrapers -- Principal Shapes And Basic Dimensions - Earth-Moving Machinery -- Plough Bolt Heads -- Shapes And Dimensions (Excluding Thread Dimensions) - Earth-Moving Machinery -- Operator's Seat -- Dimensions And Requirements - Earth-Moving Machinery -- Operation And Maintenance Areas -- Bluntness Of Edges 	<p>Initial, stage, in-service, periodic and final inspections</p>	<p>SASO ISO 3457:2003 SASO ISO 4510-1:1987 SASO ISO 4510-2:1996 SASO ISO 5010:2007 SASO ISO 6015:2006 SASO ISO 6165:2012 SASO ISO 6483:1980 SASO ISO 6484:1986 SASO ISO 6485:1980 SASO ISO 6749:1884 SASO ISO 6405-1:2017 SASO ISO 6405-2:2017 SASO ISO 6750:2005 SASO ISO 7129:1997 SASO ISO 7852:1983 SASO ISO 11112:1995 SASO ISO 12508:1994 SASO ISO 13333:1994 SASO ISO 20474-1:2017 SASO ISO 20474-2:2017 SASO ISO 20474-3:2017 SASO ISO 20474-4:2017 SASO ISO 20474-5:2017 SASO ISO 20474-6:2017 SASO ISO 20474-7:2017 SASO ISO 20474-8:2017 SASO ISO 20474-9:2017 SASO ISO 20474-10:2017 SASO ISO 20474-11:2017 SASO ISO 20474-12:2017</p>
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	<ul style="list-style-type: none"> - Earth-Moving Machinery -- Dumper Body Support And Operator's Cab Tilt Support Devices - Earth-Moving Machinery -- Safety -- Part 1: General Requirements - Earth-Moving Machinery -- Safety -- Part 2: Requirements For Dozers - Earth-Moving Machinery -- Safety -- Part 3: Requirements For Loaders - Earth-Moving Machinery -- Safety -- Part 4: Requirements For Backhoe-Loaders - Earth-Moving Machinery -- Safety -- Part 5: Requirements For Hydraulic Excavators - Earth-Moving Machinery -- Safety -- Part 6: Requirements For Dumpers - Earth-Moving Machinery -- Safety -- Part 7: Requirements For Scrapers - Earth-Moving Machinery -- Safety -- Part 8: Requirements For Graders - Earth-Moving Machinery -- Safety -- Part 9: Requirements For Pipelayers - Earth-Moving Machinery -- Safety -- Part 10: Requirements For Trenchers - Earth-Moving Machinery -- Safety -- Part 11: Requirements For Earth And Landfill Compactors - Earth-Moving Machinery -- Safety -- Part 12: Requirements For Cable Excavators - Earth-Moving Machinery -- Safety -- Part 13: Requirements For Rollers 		<p>SASO ISO 20474-13:2017 SASO GSO ISO 17253:2014 SASO ISO 2332:2009 SASO ISO 11001-1:2016 SASO ISO 11001-2:1993 SASO ISO 11001-3:2009 SASO ISO 11001-4:1994 SASO ISO 12003-1:2008 SASO ISO 12003-2:2008 SASO ISO 4254-1:2008 SASO ISO 4254-3:1992 SASO ISO 26322-1:2008 SASO ISO 2457:1976 SASO ISO 500-2:2004 SASO ISO 5673-2:2005 SASO ISO 6789-1:2017 SASO ISO 5711:1995 SASO ISO 4253:1993 SASO ISO 7072:1993 SASO ISO 4254-5:2018 SASO ISO 3600:2022 SASO ISO 4254-8:2018 SASO ISO 4254-7:2017 SASO ISO 4254-9:2018 SASO-ISO-721:1991 SASO-ISO-722:1991 SASO-ISO-723:1991 SASO-ISO-10207:1991 SASO-ISO-10208:1991 SASO-ISO-1717:1974</p>
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	<ul style="list-style-type: none"> - Earth-Moving Machinery -- Machine Control Systems (MCS) Using Electronic Components -- Part 2: Use And Application Of ISO 15998 - "Agricultural Tractors And Machinery - Connection Of Implements Via Three-Point Linkage – Clearance Zone Around Implement" - "Agricultural Wheeled Tractors And Implements - Three-Point Hitch Couplers - Part 1: U-Frame Coupler." - "Agricultural Wheeled Tractors And Implements - Three-Point Hitch Couplers - Part 2: A-Frame Coupler." - "Agricultural Wheeled Tractors And Implements - Three-Point Hitch Couplers - Part 3: Link Coupler." - "Agricultural Wheeled Tractors And Implements - Three-Point Hitch Couplers - Part 4: Bar Coupler." - "Agricultural And Forestry Tractors - Narrow-Track Wheeled Tractors - Part 1: Front-Mounted Roll-Over Protective Structures." - "Agricultural And Forestry Tractors - Narrow-Track Wheeled Tractors - Part 1: Rear-Mounted Roll-Over Protective Structures." - "Agricultural Machinery - Safety – Part 1: General Requirements" - "Tractors And Machinery For Agricultural And Forestry - Technical Means For Ensuring Safety - Part 3: Tractors." 		<p>SASO-ISO-1718:1991 SASO-ISO-1721:1974 SASO-ISO-1722:1974 SASO IEC 60095-4:2008 GSO IEC 60254-1:2014 SASO-IEC-60254-1:2005 SASO-IEC-60254-2:2008 IEC 62619:2017 SASO GSO EN 500-1:2014 SASO GSO EN 500-2:2004 SASO GSO EN 500-3:2014 SASO GSO EN 500-6:2011 SASO ISO 7451:2007 SASO ISO 7546:1983 SASO ISO 9246:1988</p>
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	<ul style="list-style-type: none"> - "Tractors For Agriculture And Forestry -- Safety - Part 1: Standard Tractors" - "Tractors For Agriculture -- Operator's Field Of Vision" - "Agricultural Tractors - Rear- Mounted Power Take-Off Types 1, 2 And 3 - Part 2: Narrow-Track Tractors, Dimensions For Master Shield And Clearance Zone." - "Agricultural Tractors And Machinery - Power Take-Off Drive Shafts And Power- Input Connection – Part 2: Specification For Use Of PTO Drive Shafts, And Position And Clearance Of PTO Drive Line And PIC For Various Attachments." - "Agricultural Vehicles - Mechanical Connections On Towed Vehicles - Part 1: Dimensions For Hitch Rings Of 50 / 30 Mm Cross Section." - "Tractors And Machinery For Agriculture And Forestry -- Wheel-To-Hub Fixing Dimensions" - "Agricultural Tractors - Operator's Seating Accommodation - Dimensions" - "Tractors And Machinery For Agriculture And Forestry - Linch Pins And Spring Pins Dimensions And Requirements" - "Agricultural Machinery -- Safety -- Part 5: Power- Driven Soil-Working Machines" 		
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	<ul style="list-style-type: none"> - "Tractors, Machinery For Agriculture And Forestry, Powered Lawn And Garden Equipment -- Operator's Manuals -- Content And Presentation" - "Agricultural Machinery - Safety – Part 8: Solid Fertilizer Distributors" - "Tractors And Machinery For Agricultural And Forestry Technical Means For Ensuring Safety - Part 7: Combine Harvesters, Forage And Cotton Harvesters." - "Agricultural Machinery - Safety – Part 9: Seed Drills" - "Rock Drilling Equipment -- Integral Stems" - "Rock Drilling Equipment -- Hollow Drill Steels in Bar Form, Hexagonal and Round" - "Rock Drilling Equipment -- Forged Collared Shanks And Corresponding Chuck Bushings For Hollow Hexagonal Drill Steels" - "Rock Drilling Equipment -- Rope Threaded Drill Steel Equipment For Percussive Drilling, Nominal Sizes 22 Mm To 38 Mm" - "Rock Drilling Equipment -- Left-Hand Rope Threads" - "Rock Drilling -- Rotary Drill- Rods And Rotary Drill-Bits For Dry Drilling -- Connecting Dimensions" - "Rock Drilling Equipment -- Drill Rods with Tapered Connection For Percussive Drilling" 		
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	<ul style="list-style-type: none"> - "Rock Drilling – Extension Drill-Steel Equipment For Percussive Long-Hole Drilling -- Reverse-Buttress- Threaded equipment 1 1/16 And 1 1/4 In (27 And 32 Mm)" - "Rock Drilling – Extension Drill-Steel Equipment For Percussive Long-Hole Drilling -- Reverse-Buttress- Threaded Equipment 1 ½ To 2 1/2 In (38 To 64 Mm)" - "Lead-Acid Starter Batteries – Part 4: Dimensions Of Batteries For Heavy Vehicles" - "Lead-Acid Traction Batteries – Part 1: General Requirements And Methods Of Tests" - "Lead-Acid Traction Batteries – Part 2: Dimensions Of Cells And Terminals And Marking Of Polarity On Cells" - "Secondary Cells And Batteries Containing Alkaline Or Other Non-Acid Electrolytes – Safety Requirements For Secondary Lithium Cells And Batteries, For Use In Industrial Applications" - "Mobile Road Construction Machinery - Safety - Part 1: Common Requirements" - "Mobile Road Construction Machinery - Safety - Part 2: Specific Requirements For Road-Milling Machine" - "Mobile Road Construction Machinery - Safety - Part 3: Specific Requirements For Soil-Stabilizing Machines - And Recycling Machines" 		
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	<ul style="list-style-type: none"> - "Mobile Road Construction Machinery - Safety - Part 6: Specific Requirements For Paver-Finishers" - "Earth-Moving Machinery -- Volumetric Ratings for Hoe- Type And Grab-Type Buckets Of Hydraulic - Excavators And Backhoe Loaders" - "Earth-Moving Machinery - Loader And Front Loading Excavator Buckets -- Volumetric Ratings" - "Earth-Moving Machinery -- Crawler And Wheel Tractor Dozer Blades – Volumetric Ratings" 		
Fuel pumps	Fuel pumps	<ul style="list-style-type: none"> - Administrative examination and metrological properties examination - Calculated value examination. - Examination of the interlocking of the distributors - Pumping-off check - Presetting Examination of Indicators - Checking the anti-drain valve - Checking the compatibility of the indicator data with hose - Check reading compatibility in the front and back indicator. - Checking the return of the indicator to zero - The examination of the highest flow reached - Checking for accuracy at higher flow - Checking for accuracy check at minimum flow - Fuel pumps flow up to 100m³/h 	<p>Technical Regulation of the Measurement and Calibration System: Technical requirements for fuel pumps.</p> <ul style="list-style-type: none"> - SASO OIML R117-1:2019 - SASO OIML R117-2:2021 - SASO OIML R117-3:2022 - SASO OIML R119:2006 - SASO OIML R120:1996

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Responsibility and Social Accountability	Responsibility and Social Accountability	<ul style="list-style-type: none"> - Compliance with local laws - Prohibition of forced labor - Prohibition of child labor - Prohibition of harassment or abuse - Compensation & benefits - Hours of work - Prohibition of discrimination - Health & safety - Freedom of association & collective bargaining - Environment - Customs compliance Security 	<ul style="list-style-type: none"> - Relevant conventions of the International Labor Organization (ILO) - United Nations Guiding Principles on Business and Human Rights - Organization for Economic Cooperation and Development (OECD)'s Guidelines for Multinational Enterprises - WRAP's Certification Program - QTC-WII-018 Rev01 Social Accountability Inspection - SA 8000:2014
Agricultural and Related Products & Organic Farms and animal	Product grade and Compatibility of the product, Animal Feed, Fertilizer, Seeds, organically grown products, Hormone and Antibiotics residue testing, Additives, Pesticide level testing, Heavy metals, Disease and Infestation Inspection Container inspection, Packaging and labelling inspection, Good agricultural practices, Nursery stock (Trees and shrubs)	<ul style="list-style-type: none"> - Visual inspection - Quality Inspection - Quantity inspection - Initial, stage, in-service, periodic and final inspection - Sampling 	<ul style="list-style-type: none"> - QTC-WII-028 Rev01 Organic Inspection <ul style="list-style-type: none"> - GSO 2374:2014 - GSO 555:1994 - GSO 2664:2021 - ISO 16128-1:2016 - ISO 16128-2:2017 - EU organic regulation - (EU) 2018/848 - QTC-WII-029 Rev00 Agricultural and Related Products Inspection <ul style="list-style-type: none"> - GSO 2216:2012 GSO 2215:2012 - BS 3936-1:1992 - Global GAP General Regulations

The Below Scope is applicable for Oman Branch Only (Table 2):

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Inspection Category	Items of inspection	Type of inspection	Reference standards / Regulations / Internal Procedure/Client Specifications
Non-Destructive Testing	Welds/Plates/Tubes/Pipes/Plant piping/Rails/Structural	Dye Penetrant Examination (DPE)	QTC-WII-026 Rev02 NDT Inspection
		Magnetic Particle Inspection (MPI)	
		Ultrasonic testing – Thickness Measurement and flaw detection (UT)	ASME BPVC Section V: 2021 API STD 650: 2021, Edition 13 API STD 650: Errata 1, 13th edition
		Positive Material Identification (PMI)	ASME SEC VIII Div-1 & 2 2021
		Portable Hardness Testing	ASME B31.3:2022 Edition (Issued June 2023)
		Eddy Current Testing (ET)	ASME B31.1: 2022
		Internal Rotary Inspection System (IRIS)	ASTM E165/E165M-18 ASTM E1209-18
		Ultrasonic testing – flaw detection Time-of-flight diffraction (TOFD)	ASTM E1220-21 ASTM E709-21
		Ultrasonic testing – flaw detection Phased array ultrasonic testing (PAUT)	ASTM E1444/E1444M-22a
		Long Range Ultrasonic Testing (LRUT)	API STD 1104:2021, Edition 22 API RP 578:2023, Edition 4
		Remote Visual inspection	ASME Sec II-2021
		Magnetic Flux Leakage (MFL)	ASTM A956/A956M-22 API STD 620:2018, Edition 12 API STD 653:2018, Edition 5 API STD 653: Errata 1, 5th edition
		Leak Testing - Vacuum Test (LT)	

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<p>Environmental inspection</p>	<ul style="list-style-type: none"> -Noise -Air quality -Industrial waste -Water -Radiation inspection of Ground Water -CO2 & GHG Emissions - Desertification, afforestation 	<p>Visual inspection Quality Inspection Quantity inspection Initial, stage, in-service, periodic and final inspections</p>	<p>QTC-WII-012 Rev01 Environmental inspection</p>
<p>Lifting equipment</p>	<p>Tower Crane, Overhead & Gantry Crane Mobile Crane, Forklift, Scaffolds</p>	<p>Initial Inspection and Periodic Inspection</p>	<p>ASME B30.3:2019 ASME B30.2 - 2022 ASME B30.17 – 2020 ASME B30.16 – 2022 ASME B30.5:2021 BS 7121-2-3:2012 BS 7121-2-1:2012 ANSI/ITSDF B56.1a-2018 ANSI/ITSDF B56.6-2021 SASO-329:1994 BS EN 12811-1:2003 BS 5975:2019 BS 2482:2009 BS EN 74-1: 2022 BS EN 74-2: 2022 BS EN 74-3:2007</p>

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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:

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

Status of this accreditation can be checked in the GAC's website to confirm the validity of this accreditation - <https://www.gac.org.sa/en/>