

## 10.17 Scope of Accreditation

Issue No: 4/ Issue Date: 08.02.2022  
File Manager: Hamza Khan

### Inspection Body Accreditation No. AIB 0030

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”*

<b>TUV SUD Middle East LLC – Type A</b>	
Address: Office C101, 1 <sup>st</sup> Floor, Block 36, Type: Sayer, Barwa Commercial Avenue, Industrial Area, Qatar	Contact: Eng. Muhannad Taher Deeb Tel: 00974-40052000 Fax: 00974-40042022 Email: info.q@tuvsud.com Web Address: www.tuvsud.com

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

1- **address:** Office C101, 1<sup>st</sup> Floor, Block 36, Type: Sayer, Barwa Commercial Avenue, Industrial Area, Qatar

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GAC



ACCREDITED

**INSPECTION**

ISO/IEC 17020:2012

No. AIB 0030

**For the following scope:**

**Scope:**

**30. Inspection:**

30.2 Industrial Equipment and Machinery

30.01 Pressure Equipment

30.6 Building Construction and Maintenance

30.6-0.07 Building Products

30.6-0.1 Steel fabricated structures and assemblies

30.6-0.11 Concrete Structures

**Scope details are as follows:**

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Inspection Category	Items of inspection	Type of inspection	Reference standards / Regulations / Internal Procedure/Client Specifications
Lifting Equipment	Mobile crane	Periodic and thorough inspections	BS 7121-2-1 & 3: 2012
	Tower crane	Periodic and thorough inspections	BS 7121-5:2019, BS 7121-2-5:2012
	Crawler crane	Periodic and thorough inspections	BS 7121-2-1 & 3: 2012
	Offshore crane	Periodic and thorough inspections	BS EN 13852-1 :2013, BS EN 13852-2 : 2004 / BS 7121-11 :1998
	Deric crane	Periodic and thorough inspections	ASME B30.8:2015
	Counter-balanced forklift	Periodic and thorough inspections	BS EN 1459-1:2017+A1:2020
	Telescopic boom container handler	Periodic and thorough inspections	ISO 22915-12: 2015
	Hydra crane	Periodic and thorough inspections	BS 7121-2-3:2012
	Free standing, over braced slewing jib with electric chain hoist	Periodic and thorough inspections	BS 7333 :1990
	Lorry loader crane	Periodic and thorough inspections	BS 7121-4: 2010
	Overheadcrane	Periodic and thorough inspections	BS 7121-2-7:2012+A1:2015 BS 466: 1984
	Pedestal knuckle boom	Periodic and thorough inspections	BS EN 13852-2:2004
	Pedestal mounted deck crane	Periodic and thorough inspections	ASME B30.4: 2020 , BS 7121- 11: 1998, API Spec 2C
	Portal Jib Crane	Periodic and thorough inspections	BS 7121-2-7:2012+A1:2015
Elevator	Periodic and thorough inspections	EN 81-20 :2014 BS EN 81-1: 1998 and QP Lifting Reg. Rev. 5	

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Lifting Equipment	Diesel Hydraulic Jack Axle Powered	Periodic and thorough inspections	BS EN 1494:2000+A1:2008
	Moving Walks Certificate	Periodic and thorough inspections	EN 115-1: 2017
	Escalator	Periodic and thorough inspections	EN 115-1: 2017
	Dumb Waiter	Periodic and thorough inspections	BS EN 81-3: 2000+A1:2008
	Chain Block	Periodic and thorough inspections	BS EN 13157:2004+A1:2009
	Lever Hoist	Periodic and thorough inspections	BS EN 13157:2004+A1:2009
	Trifor	Periodic and thorough inspections	BS EN 13157:2004+A1:2009
	Winches	Periodic and thorough inspections	BS EN 14492-1:2006+A1:2009
	Jack	Periodic and thorough inspections	BS EN 13157:2004+A1:2009
	Building Maintenance Unit	Periodic and thorough inspections	BS EN 1808:2015
	Segment Crane	Periodic and thorough inspections	BS EN13155:2020, BS 7121-1:2016
	Side Boom	Periodic and thorough inspections	BS 7121-14: 2005
	Telescopic Boom Forklift Truck	Periodic and thorough inspections	BS EN 1459-1:2017+A1:2020
	Vertically Geared Lift, Electrical Motor Powered	Periodic and thorough inspections	BS EN 1495:1997+ A2: 2009 BS 7212:2016
	Suspended Access Equipment (Cradle)	Periodic and thorough inspections	BS 2830:1994
Cable Pulling Winch	Periodic and thorough inspections	BS EN 14492 – 1:2006+A1:2009	

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Lifting Equipment	Lifting Table (Dock Lever)	Periodic and thorough inspections	BS EN 1570-2:2016
	Mobile Elevating Work Platform (Manlift)	Periodic and thorough inspections	BS EN 280:2013+A1:2015
	Mast Climbing Working Platform	Periodic and thorough inspections	BS EN 1495: 1997+A2:2009 / LOLER
	Overhead Monorail Hoist	Periodic and thorough inspections	BS 7121-2-7:2012+A1:2015
	Rescue Boat Launching Davit	Periodic and thorough inspections	BS MA 55: 1975 and LSA CODE: 2010
	Mobile Elevating Work Platform (Scissor Lift)	Periodic and thorough inspections	BS EN 280:2013+A1:2015
	Service Vehicle With Hydraulic Tail Lift	Periodic and thorough inspections	BS EN 1756-1: 2001+A1:2008
	Electric Powered Hydraulic Vehicle Lift	Periodic and thorough inspections	BS EN 1493: 2010
Lifting Accessories	Sling wire rope	Periodic and thorough inspections	BS EN 13414-1:2003+A2:2008, BS EN 13414-2:2003+A2:2008, BS EN 13414-3:2003+A1:2008
	Webbing Sling	Periodic and thorough inspections	BS EN 1492-1:2000+A1:2008, BS EN 1492-2:2000+A1:2008 BS EN 1492-4:2004+A1:2008
	Chain sling	Periodic and thorough inspections	BS EN 818-1:1996+A1:2008, BS EN 818-2:1996+A1:2008 BS EN 818-3:1999+A1:2008 BS EN 818-4:1996+A1:2008 BS EN 818-5:1999+A1:2008 BS EN 818-6:2000+A1:2008 BS EN 818-7 :2002+A1:2008
	Shackle	Periodic and thorough inspections	BS EN 13889:2003+A1:2008
	Eyebolt	Periodic and thorough inspections	BS EN ISO 3266:2010+A1:2015

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Lifting Accessories	Hook	Periodic and thorough inspections	BS EN 1677-2:2000+A1:2008, BS EN 1677-1:2000+A1:2008, BS EN 1677-3:2001+A1:2008, BS EN 1677-4:2000+A1:2008 BS EN 1677-5:2001+A1:2008 BS EN 1677-6:2001+A1:2008
	Spreader Beam, Lifting Beam	Periodic and thorough inspections	BS EN 13155:2020
Scaffolding	Timber Scaffold Board	Periodic and thorough inspections	BS EN 12811-1: 2003 ,BS 2482: 2009
	Coupler Spigot Pin & Baseplates	Periodic and thorough inspections	BS EN-74-1: 2005
	Scaffold Coupler For Tubes, Coupler Spigot Pin And Base Plates Used For False Work	Periodic and thorough inspections	BS EN 74-2: 2008
	Coupler, Spigot Pin And Baseplates Used For False Work and scaffolds	Periodic and thorough inspections	BS EN 74-3 :2007
Pressure Equipment & Machines	Pressure Vessels, Heat Exchangers, Air Exchangers, Boilers, Tube Bundles, Safety Valves	Inspection (Stage / Final) & expediting for New & In-Service)	ASME BPVC Section I:2021, ASME BPVC Section II:2021, ASME BPVC Section IV:2021, ASME BPVC Section V:2021, ASME BPVC Section VIII Division I:2021, ASME BPVC Section IX:2021, ASME PTC 30: 91st Edition 2005, TEMA 10th Edition 2019, API 598 10th edition 2016, API 527 5th Edition 2020, NBIC:2021, API 510 10th Edition 2014, API RP 579-1 / ASME FFS-1: 3rd Edition 2016
	Fabricated Piping	Inspection (Stage / Final) & expediting	ASME B 31.1: 2020, ASME B 31.3: 2020, ASME B 31.4: 2019

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Inspection Category	Items of inspection	Type of inspection	Reference standards / Regulations / Internal Procedure/Client Specifications
Pressure Equipment & Machines	Pipes & Fittings	Inspection (Stage / Final) & expediting for New & In-Service)	ASTM A106/A106M-19a: 2019, ASTM A530/A530M-18: 2018, ASTM A192/A192M), ASTM A450/A450M-21:2021, ASTM A179/A179M-19:2019, ASTM A182/A182M-21:2021, ASTM A192/A192M-17:2017, ASTM A200), ASTM A213/A213M), ASTM A209/A209M-03(2017): 2017, ASTM A210/A210M-19: 2019, ASTM A213/A213M-21b: 2021, ASTM A234/A234M-19: 2019, ASTM A312/A312M-21:2021, ASTM A333/A333M-18: 2018, ASTM A334/A334M-04a(2021): 2021, ASTM A335/A335M-21a: 2021, ASTM A519/A519M-17: 2017, ASTM A524/A524M-21: 2021, ASTM A53/A53M-20: 2020, ASTM A556/A556M-18: 2018, ASTM A789/A789M-20: 2020, ASTM 790/A790M-20: 2020, ASTM A795/A795M-21: 2021, ASTM A815/A815M-21: 2021, ASTM A822/A822M-04: 2004, ASTM A928/A928M-14(2021), ASTM A105/A105M-21: 2021, ASTM A 105 / 105N: 2021, NACE MR0175/ISO 15156:2015, API Spec 5L: 46th Edition: 2018, API SPEC 5LC: 2015, API 5LD: 4th Edition 2015
	Pipe Fittings (Oil Field)	Inspection (Stage / Final) & expediting	API 6A: 21st edition 2018, ISO 10423: 2009
	Gaskets	Inspection - Final	NEMA LI 1: 1998, ASME B 16.20: 2017, ASME B 16.21: 2016, API 6A: 21st Edition 2018
	Air receiver, Compressor, Pumps	In- Service Inspection	API STD 610: 12th Edition, January 2021, API STD 617: 8th Edition 2014, API STD 618 5th Edition, 2007: API STD 674 3rd Edition, 2010, API STD 675 3rd Edition, 2012

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Steel Fabricated Structures & Assemblies	Structural steel	Inspection (Stage / Final)	AWS D 1.1 24th Edition 2020, BS 7668 16th Edition 2021, EN 10025: 2015
Storage Tanks (New & In-Service)	Storage Tank,	Inspection – Stage / Final	API STD 620: 12th Ed. 2013, API 650 13th Ed. 2021, API 653: 2020, NFPA 25: 2020, COP-14
Pipelines and Piping (New & In-Service)	Piping and pipelines, metallic (Pipe fitting, valve components, raw materials, plants)	Inspection -Stage / Final & Expediting	API STD 1104: 22nd Edition 2021, ASME B 31.4:2019, ASME B 31.8:2020, IGEM-TD-1:2016, IGEM-TD-2:2015, IGEM-TD-3:2013, IGEM-TD-4:2013, API 570:2016, API RP 574:2016, ASME B 31.3: 2020
Coatings & Corrosion	Lining & Coating, Pressurized equipment, Equipment Structures, Pipes, Storage tanks, Hot dip galvanized coatings	Inspection (Stage / Final)	ISO 15741:2016, ISO 12944 – 1:2017, ISO 12944 – 2:2017, ISO 12944 – 3:2017, ISO 12944 – 4:2017, ISO 12944 – 7:2017, ISO 12944 – 8:2017, ISO 11124 – 2:2018, ISO 11124 – 3:2018, ISO 11124 – 4:2018, ISO 1461:2009, NACE SP0490:2007, NACE SP0188: 2006
Heli fuel system	Heli fuel system Inspection	In- Service Inspection	CAP 437:2016, OPITO Helicopter Refueling Handbook: 2020
Non-destructive Testing	Welds and materials include plates, tubes, and pipes	Magnetic particle flaw detection, Dye penetrant inspection, Visual inspection, Ultrasonic inspection for welding, Ultrasonic inspection for thickness measurement	ASME Section V: 2021 and EN ISO 17638: 2016 ASME Section V: 2019, EN ISO 3452-1: 2021, and EN ISO 3452-2: 2021, ASME Section V: 2019 and EN ISO 17637: 2016, ASME Section V: 2019 and EN ISO 17640: 2018, ASME Section V: 2019 and EN ISO 17640: 2018



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Inspection Category	Items of inspection	Type of inspection	Reference standards / Regulations / Internal Procedure/Client Specifications
Electrical Equipment and Machinery	Cables	Visual Inspections, Nominal ratings verifications	IEC 60228:2004, IEC 60502:2021
	Power Transformers	Witnessing of Routine and Type tests	IEC 60076-1: 2011, & IEC 61869-1:2007
	Cable Trays and Cable Ladder systems	Visual Inspection of Construction, Marking and documentation	IEC 61084-1:2017, IEC 61537: 2006 , NEMA FG-1 & NEMA VE-1
	Motors & Generators	Visual Inspection of Construction, Marking, documentation and witnessing of functional test	API 547:2015, API 541:2014, IEEE 841:2021, IEC 60034:2021, OSHA / ISO8528-3:2005, & NEMA MG-1
	Switchgear & Control Assemblies	Visual Inspection of Construction, Marking, documentation and witnessing of functional test	IEC 61439:2020, IEC 62271:2021
Civil& Concrete Works	Civil (Concrete for Civil Works)	Inspection (Stage / Final)	QCS Codes and Standards (2014), BS EN 206-2013+A2:2021, BS 1924-2:2018, BS 812-110:1990 BS 7533-3:2005+A1:2009, BS EN 12620: 2013, BS EN 197-1:2011, ASTM C94/C94M-21B, BS 8500-1:2015+A2+2019, ACI 304 R-00(R2009), BS 1377 Part 4 1990, BS 1377 Part 9 1990, BS 4449:2005+A3:2016, ASTM A615/A615M-20

**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:

Issue No: 4/ Issue Date: 08.02.2022  
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Inspection Category	Items of inspection	Type of inspection	Reference standards / Regulations / Internal Procedure/Client Specifications	Date Suspended	Date Reinstated

**Log of Withdrawn Scopes:**

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Inspection Category	Items of inspection	Type of inspection	Reference standards / Regulations / Internal Procedure/Client Specifications	Date Withdrawn
Fairground and amusement equipment	Theme Park, Equipment/Rides: - Roller Coaster, Carrousel, -Cable Car, - Ferries Wheel -Log Ride	Independent Thorough inspection Installation Inspection	BS EN 13814 :2004, BS EN 14960:2013, BS EN 1069-1: 2017, BS EN 1069-2 :2017, BS EN 1176-1 to 7, 10, 11, BS EN 1177 :2018, BS EN 13219:2008, ASTM F1159 :2016 ASTM F770 :2018, ASTM F1193 ;2018 ASTM F1957 :1999, ASTMF2007 :2018 ASTM F2137 :2018, ASTM F2291 : 2018 ASTM F2374 :2017, ASTM F2375 : 2009 ASTM F2376 :2017, ASTM F2460 : 2011 ASTM F2461 : 2018, ASTM F2959 :2018 ASTM F2970 :2017, ASTM F2974 : 2019	11 <sup>th</sup> Jan 2021
Fairground and amusement equipment	-Flume Ride -Drop Tower Ride -Dark Ride -Simulator Ride -Swing Ride -Rapids Ride -Mono Rail Ride	Independent Thorough inspection Installation Inspection	BS EN 13814 :2004, BS EN 14960 : 2013 BS EN 1069-1 : 2017, BS EN 1069-2 :2017 BS EN 1176-1 to 7, 10, 11, BS EN 1177 : 2018 BS EN 13219 : 2008, ASTM F1159 :2016 ASTM F770 :2018, ASTM F1193 ;2018 ASTM F1957 : 1999, ASTM F2007 : 2018 ASTM F2137 : 2018, ASTM F2291 : 2018 ASTM F2374 :2017, ASTM F2375 : 2009 ASTM F2376 :2017, ASTM F2460 : 2011 ASTM F2461 : 2018, ASTM F2959 :2018 ASTM F2970 : 2017, ASTM F2974 : 2019	11th Jan 2021

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Fairground and amusement equipment	<ul style="list-style-type: none"> <li>-Merry Go Round Rides</li> <li>-Tea Cup Ride</li> <li>-Bumper Cars</li> <li>-Soft Play Structure</li> <li>-Wood Play Structure</li> <li>-Exterior Play Equipment</li> <li>-Indoor Play Equipment</li> </ul>	Independent Thorough inspection Installation Inspection	<p>BS EN 13814 :2004, BS EN 14960 : 2013 BS EN 1069-1 : 2017, BS EN 1069-2 :2017 BS EN 1176-1 to 7, 10, 11, BS EN 1177 : 2018 BS EN 13219 : 2008, ASTM F1159 :2016 ASTM F770 :2018, ASTM F1193 ;2018 ASTM F1957 : 1999, ASTM F2007 : 2018 ASTM F2137 : 2018, ASTM F2291 : 2018 ASTM F2374 :2017, ASTM F2375 : 2009 ASTM F2376 :2017, ASTM F2460 : 2011 ASTM F2461 : 2018, ASTM F2959 :2018 ASTM F2970 : 2017, ASTM F2974 : 2019</p>	11th Jan 2021
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### 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
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*Status of this accreditation can be checked in the GAC's website to confirm the validity of this accreditation.*