

Accreditation Scope

Velosi Certification Services, NAI 025, Type A Inspection Body, (ISO/IEC 17020:2012)

**201-Block B, Abu Dhabi Business Hub Building, ICAD1, Musaffah
Abu Dhabi, UAE**

**Issue Date: 15-03-2020
Issue No: 4**

Expiry Date: 14-03-2023

Inspection Category/ Field	Items/ Material/ Product	Type/ Range of Inspection	Inspection Criteria/ Methods/ Procedures
Material inspections	Plate, Pipes, Shapes, Pipe fittings, valve components etc.	Inspection during production, final inspection, performance test.	ASTM-A 6-2019 ASTM A 20-2019 ASTM A 36-2019 ASTM A 53-2018 ASTM A 105-2018 ASTM A 106-2018 ASTM A 181-2014 ASTM A 182-2018 ASTM A 192-2017 ASTM A 193-2017 ASTM A 194-2018 ASTM A 213-2018 ASTM A 234-2018 ASTM A 240-2018 ASTM A 283-2018 ASTM A 285-2017 ASTM A 301-2013 ASTM A 312-2018 ASTM A 320-2018 ASTM A 333-2018 ASTM A 335-2019 ASTM A 350-2018 ASTM A-387-2017 ASTM A-515-2017 ASTM A-516-2017 ASTM A-530-2019 ASTM A-961 -2019 ASME Sec II part A/B-ED 2019 ASME B16.34 -2017 BS EN 10025-1: 2004 BS EN 10025-1: 2019

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Material Inspections	GRP	Inspection during production, final inspection.	ISO 14692- 1 to 4 : 2017
Structural Works	Structural Works	Inspection during production, final inspection.	AWS D 1.1 : 2015
Piping	Power and process piping	Design review, Inspection during production, final inspection.	ASME B31.1 : 2018 ASME B31.3 : 2016
Pressure Equipment	Pressure Vessels	Design review, Inspection during production, final inspection.	ASME Sec. VIII Div 1 ED 2019 & ASME Sec. VIII Div 2 ED 2019
	Pressure Vessel	In-service inspection.	NBIC Part 1 to 4-ED 2019 & API 510- 10th Edition, Includes Addendum 1 (May 2017), Addendum 2 (March 2018)
	Boiler	Design review, Inspection during production, final inspection, Inspection report and in-service inspection	ASME Sec I ED 2019 NBIC Part 1 to 4-ED 2019 & API 510- 10th Edition, Includes Addendum 1 (May 2017), Addendum 2 (March 2018)

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Pressure Equipment	Tanks	Design review, Inspection during production, final inspection.	API 620 – 12th Edition, Includes Addendum 1 (2014) and Addendum 2 (2018) API 650 – 12th Edition, Includes Errata 1 (2013), Errata 2 (2014), and Addendum 1 (2014), Addendum 2 (2016), and Addendum 3 (2018)
	Tanks	In-service inspection.	API 653 5th Edition, Includes Addendum 1 (2018)
	Heat Exchangers	Design review, Inspection during production, final inspection.	ASME Sec. VIII Div 1 ED 2019 & ASME Sec. VIII Div 2 ED 2019 TEMA-10 th Edition

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Electrical Equipment	Electrical cable	Final Inspection, Performance test.	IEC 60332-1- 1:2004+AMD1:2015 IEC 60332-1-3:2004 (Edition 1) IEC 60502-1 Edition 2004 + AMD1 2009 IEC 60502-2 Edition 2014 IEC 60228- Edition 2004 IEC60227- Edition 2007 IEC 60227-1:2007 IEC 60227-2:1997/AMD1:2003 Amendment 1 IEC 60245-1:2003/AMD1:2007, IEC 60245-2:1994/AMD2:1997 IEC 60811-100:2012 IEC 60811- 201:2012/AMD1:2017 IEC 60811- 202:2012/AMD1:2017 IEC 60811-203:2012

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Electrical Equipment	Control Panels	Final Inspection, Performance test.	IEC 60529:AMD2:2013 CSV/COR2:2015 (Edition 2.2) IEC 60073 Edition 2002 IEC 60079-1:2014/COR1:2018 IEC 60079-11:2011/ISH2:2016 IEC 60079-14:2013/COR1:2016 IEC 62381 Ed 2012
Electrical Equipment	Switchgears	Final Inspection, Performance test.	IEC 60947-1:2007/AMD2:2014 IEC 60947-2:2016 IEC 60947-2:2016 amendment 1 IEC 81346-1:2009 IEC 81346-2:2009 IEC 61082-1 Edition 2014 IEC 61439-1:2011 IEC 61439-2:2011 IEC 61439-3:2012 IEC 60364-1:2005/COR1:2009 IEC 60364-4- 41:2005/AMD1:2017 IEC 60364-4- 43:2008/COR1:2008

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Lifting Equipment	Mobile Cranes	In Service Inspection, Periodic Inspection. and certification	BS 7121-1:2016 BS 7121-2-3:2012
	Overhead travelling crane	In Service Inspection, Periodic Inspection. and certification	BS 7121-2 – 7-2012+A1:2015
	Forklift	In Service Inspection, Periodic Inspection. and certification	BS EN ISO 3691-1:2015 BS EN ISO 3691-2:2016 BS ISO 22915-2:2018
Lifting Equipment	Mobile Elevating Work Platform	In Service Inspection, Periodic Inspection. and certification	BS EN 280:2013+A1:2015
	Elevator	In Service Inspection, Periodic Inspection. and certification	BS EN 81-20 : 2014 BS EN 81-50 : 2014 BS EN 81-1:1998+A3:2009 (withdrawn)
	Escalator	In Service Inspection, Periodic Inspection. and certification	BS EN 115-1 : 2017
	Chain block	In Service Inspection, Periodic Inspection. and certification	BS EN 13157: 2004 + A1:2009

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Inspection Category/ Field	Items/ Material/ Product	Type/ Range of Inspection	Inspection Criteria/ Methods/ Procedures
Lifting Accessories	Chain Sling	Periodic and thorough Inspection	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
	Wire Rope Sling	Periodic and thorough Inspection	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 Inspection	BS EN 1492-1 & 4:2000 + A1:2008
	Round Sling	Periodic and thorough Inspection	BS EN 1492-2:2000+A1:2008
	Shackle	Periodic and thorough Inspection	BS EN 13889:2003+A1:2008 BS 3551:1962

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Lifting Accessories	Hook	Periodic and thorough Inspection	BS EN 1677-1 :2000 + A1: 2008 BS EN 1677-2 :2000 + A1: 2008 BS EN 1677-3 :2001+ 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
Non Destructive Testing	Welded Joints	Magnetic Particle Examination	ASME Section V-ED 2019 AWS D1.1-2015
	Welded Joints	Liquid Penetrant Examination	ASME Section V- ED 2019 AWS D1.1-2015
	Welded Joints	Ultrasonic Testing	ASME Section V- ED 2019 AWS D1.1-2015
	Welded Joints	Positive Alloy Material Identification	ASME Section V-ED 2019
	Welded Joints	Radiographic Examination	ASME Section V-ED 2019
	Welded Joints	Hardness Testing	ASME Section V-ED 2019

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Natural Gas Fueling Stations (CNG) and Affiliated equipment	Inspection of Natural Gas Fueling Stations (CNG) and Affiliated Equipment as TPI.	Inspections during installations, final inspection & in-service	UAE.S ISO 16923: 2018 UAE.FDS-2007 ESMA UAE.S. 5006/2007
CNG converted Vehicles by installing the Retrofit Conversion Kits	Inspection of CNG converted Vehicles by installing the Retrofit Conversion Kits as TPI.	Inspection after installation / replacement/ changes/ repair and periodical.	a) ECE Regulation No. 110 – Aug 2013 b) ECE Regulation No. 115- Aug 2013 UAE regulation 5007/2014
CNG Vehicle conversion Workshops	Inspection & validation of CNG Vehicle conversion Workshops as TPI.	Inspection during initial validation and certification & periodically.	a) ESMA UAE.FDS-2007 b) EN 13423:2000 c) UNE 60637:2011
END			