

APPLUS ITALY S.r.l. CON SOCIO UNICO  
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 ai sensi dell'art. 2497 bis Codice civile,  
 da parte di Applus Services S.A."  
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**Controlled list of requirements (Accredited flexible scopes)  
 Codes, Rules, International standards and Customer Specifications**

**Cross. ref. : Accreditation certificates 01721ISPrev003\_ALL\_CSACI \ 01721ISPrev001\_ALL\_SEDI \ 01721ISPrev001\_CERT as A-Type CAB**

<b>Actual Reference to International Standard / Specification / Code</b>		<b>Remarks</b>
<i>ASME BPVC.II Ed. 2023</i>	BPVC Section II-Materials-Part A-Ferrous Materials Specifications (2 Volumes)	\
<i>ASME BPVC.V Ed. 2023</i>	BPVC Section V-Non destructive Examination	\
<i>ASME BPVC.VIII Ed. 2023</i>	BPVC Section VIII-Rules for Construction of Pressure Vessels Division 2-Alternative Rules	\
<i>ASME BPVC.IX Ed. 2023</i>	BPVC Section IX-Welding, Brazing, and Fusing Qualifications	\
<i>ASME B16.34 - 2020</i>	Valves--Flanged, Threaded, and Welding End	\
<i>ASTM Section 1 - Ed. 2024</i>	Iron and Steel Products	Or equivalent in last edition
<i>ASTM E8/E8M-22</i>	Standard Test Methods for Tension Testing of Metallic Materials	Or equivalent in last edition
<i>ASTM E23-E23a</i>	Standard Test Methods for Notched Bar Impact Testing of Metallic Materials	Or equivalent in last edition
<i>ASTM E290-14</i>	Standard Test Methods for Bend Testing of Material for Ductility	Or equivalent in last edition
<i>ASTM E10-18</i>	Standard Test Method for Brinell Hardness of Metallic Materials	Or equivalent in last edition

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<i>ASTM E18-22</i>	Standard Test Methods for Rockwell Hardness of Metallic Materials	Or equivalent in last edition
<i>ASTM E384-22</i>	Standard Test Method for Micro indentation Hardness of Materials	Or equivalent in last edition
<i>ASTM E92-17</i>	Standard Test Methods for Vickers Hardness and Knoop Hardness of Metallic Materials	Or equivalent in last edition
<i>ASTM E3047-22</i>	Standard Test Method for Analysis of Nickel Alloys by Spark Atomic Emission Spectrometry	Or equivalent in last edition
<i>ASTM E1019-18</i>	Standard Test Methods for Determination of Carbon, Sulfur, Nitrogen, and Oxygen in Steel, Iron, Nickel, and Cobalt Alloys by Various Combustion and Inert Gas Fusion Techniques	Or equivalent in last edition
<i>ASTM E1086-22</i>	Standard Test Method for Analysis of Austenitic Stainless Steel by Spark Atomic Emission Spectrometry	Or equivalent in last edition
<i>ASTM E415-21</i>	Standard Test Method for Analysis of Carbon and Low-Alloy Steel by Spark Atomic Emission Spectrometry	Or equivalent in last edition
<i>ASTM A923-23 Met B</i>	Standard Test Methods for Detecting Detrimental Intermetallic Phase in Duplex Austenitic/Ferritic Stainless Steels	Or equivalent in last edition
<i>ASTM E190-21</i>	Standard Test Method for Guided Bend Test for Ductility of Welds	Or equivalent in last edition

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<i>ASTM E112-13 (2021)</i>	Standard Test Methods for Determining Average Grain Size	Or equivalent in last edition
<i>ASNT SNT-TC-1A:2024</i>	Recommended Practice No. SNT-TC-1A: Personnel Qualification and Certification in Nondestructive Testing	\
<i>ISO 6507-1:2023</i>	Metallic materials - Vickers hardness test Part 1: Test method	Or equivalent in last edition
<i>ISO 6506-1:2014</i>	Metallic materials - Brinell hardness test Part 1: Test method	Or equivalent in last edition
<i>ISO 148-1:2016</i>	Metallic materials - Charpy pendulum impact test - Part 1: Test method	Or equivalent in last edition
<i>ISO 7438:2020</i>	Metallic materials - Bend test	Or equivalent in last edition
<i>ISO 6508-1:2023</i>	Metallic materials - Rockwell hardness test Part 1: Test method	Or equivalent in last edition
<i>ISO 15156:2020</i>	Petroleum and natural gas industries — Materials for use in H2S-containing environments in oil and gas production Part 1: General principles for selection of cracking-resistant materials	Or equivalent in last edition
<i>ISO 17639:2022</i>	Destructive tests on welds in metallic materials — Macroscopic and microscopic examination of welds	Or equivalent in last edition
<i>ISO 9712:2021</i>	Non-destructive testing — Qualification and certification of NDT personnel	Or equivalent in last edition

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<i>ISO 9934:2016</i>	Non-destructive testing — Magnetic particle testing Part 1: General principles	Or equivalent in last edition
<i>ISO 3452-1:2021</i>	Non-destructive testing — Penetrant testing Part 1: General principles	Or equivalent in last edition
<i>ISO 17640:2018</i>	Non-destructive testing of welds — Ultrasonic testing — Techniques, testing levels, and assessment	Or equivalent in last edition
<i>ISO 17637:2016</i>	Non-destructive testing of welds — Visual testing of fusion-welded joints	Or equivalent in last edition
<i>ISO 17636:2022</i>	Non-destructive testing of welds — Radiographic testing Part 1: X- and gamma-ray techniques with film	Or equivalent in last edition
<i>ISO 17639:2022</i>	Destructive tests on welds in metallic materials — Macroscopic and microscopic examination of welds	Or equivalent in last edition
<i>ISO 5579:2013</i>	Non-destructive testing — Radiographic testing of metallic materials using film and X- or gamma rays — Basic rules	Or equivalent in last edition
<i>ISO 5576: 1997</i>	Non-destructive testing — Industrial X-ray and gamma-ray radiology — Vocabulary	This standard was last reviewed and confirmed in 2014. Therefore this version remains current - Or equivalent in last edition

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<i>ISO 17781:2017</i>	Petroleum, petrochemical and natural gas industries — Test methods for quality control of microstructure of ferritic/austenitic (duplex) stainless steels	Or equivalent in last edition
<i>ISO 9934-1:2016</i>	Non-destructive testing — Magnetic particle testing Part 1: General principles	Or equivalent in last edition
<i>ISO 17638:2016</i>	Non-destructive testing of welds — Magnetic particle testing	Or equivalent in last edition
<i>ISO 23278:2015</i>	Non-destructive testing of welds — Magnetic particle testing — Acceptance	Or equivalent in last edition
<i>ISO16810:2012</i>	Non-destructive testing — Ultrasonic testing — General principles	Or equivalent in last edition
<i>ISO 9015-1:2001</i>	Destructive tests on welds in metallic materials — Hardness testing Part 1: Hardness test on arc welded joints levels	Or equivalent in last edition
<i>ISO 9016:2022</i>	Destructive tests on welds in metallic materials — Impact tests — Test specimen location, notch orientation and examination	Or equivalent in last edition
<i>ISO 6507-1:2023</i>	Metallic materials — Vickers hardness test Part 1: Test method	Or equivalent in last edition
<i>ISO 6892-1:2019</i>	Metallic materials — Tensile testing Part 1: Method of test at room temperature	Or equivalent in last edition

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<i>ISO 4136:2022</i>	Destructive tests on welds in metallic materials — Transverse tensile test	Or equivalent in last edition
<i>ISO 5173:2023</i>	Destructive tests on welds in metallic materials — Bend tests	Or equivalent in last edition
<i>ISO 15156-1:2020</i>	Petroleum and natural gas industries — Materials for use in H2S-containing environments in oil and gas production Part 1: General principles for selection of cracking-resistant materials	Or equivalent in last edition
<i>ISO 15156-2:2020</i>	Petroleum and natural gas industries — Materials for use in H2S-containing environments in oil and gas production Part 2: Cracking-resistant carbon and low-alloy steels, and the use of cast irons	Or equivalent in last edition (ANSI/NACE MR0175)
<i>UNE-EN 13018:2016</i>	Non-destructive testing - Visual testing - General principles	Or equivalent in last edition
<i>API Specification 5DP, 2<sup>nd</sup> Edition</i>	API SPEC 5DP: Drill Pipe	\
<i>API Specification 5L, 46<sup>th</sup> Edition</i>	API SPEC 5L: Line Pipe	\
<i>API Specification 6A, 21<sup>st</sup> Edition</i>	API SPEC 6A: Specification for Wellhead and Tree Equipment	\
<i>API Specification 6D, 25<sup>th</sup> Edition</i>	API SPEC 6D: Specification for Valves	\

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<i>API Specification 6ACRA, 1<sup>st</sup> Edition</i>	Age-HardeAge-Hardened Nickel-Based Alloys for Oil and Gas Drilling and Production Equipments	\
<i>EN 10204:2004</i>	Metallic products - Types of inspection documents	Or equivalent in last edition
<i>MSS- SP25: 2018 (Incl. 2023 Errata Sheet)</i>	Standard Marking System for Valves, Fittings, Flanges, and Unions (ANSI-approved American National Standard)	\

END OF LIST

Issued by : ML (Technical Manager) – AA (Deputy)

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