



# Accreditation Scope

## Ajmal Steel Tubes and Pipes Industries LLC Branch 1 (NAL 182) Testing Laboratory, (ISO/IEC 17025:2017)

Mussafah ICAD 2, Abu Dhabi - UAE

Issue Date: 20-12-2022

Expiry Date: 19-12-2025

Issue No: 01

| Testing Field                                | Materials/ Products tested                 | Type of test/ Test parameter/ Properties measured/Range of measurement                                   | Test Method (Standard, Internal Procedure, Technique)  | Permanent lab (P) / Client-site (S) |
|--|--|--|--|-------------------------------------|
| Chemical Analysis                            | Low Alloy Steel                            | Chemical Composition Analysis of Low alloy steel Products for C, Ni, P, Cr, Al, Cu, Mo, Si, V, Nb, Mn, S | Work Instruction AJS/QC/WI-13 Rev No: 03 Effective date 07/10/2022 (using Foundry master smart spectrometer based on ASTM A751:21) | P                                   |
| Mechanical Testing                           | Low Alloy Steel                            | Tensile Testing- Up to 15 mm thickness   | ASTM A370:21   | P                                   |
|  |  |  | ISO 6892-1:2019  |                                     |
|  |  | Charpy Impact Test (-40 °C to 35 °C)   | ASTM E23:2018  |                                     |
|  |  | Charpy Impact Test (-40 °C to 35 °C)   | ISO 148-1:2016   |                                     |
|  |  | Vickers hardness Test-Up to 50 kgf   | ASTM E92:2017  |                                     |
|  |  |  | ISO 6507-1:2018  |                                     |
|  |  | Grain Size Determination- Qualitative test (ASTM grain size number 3 to 10)                              | ASTM E112:2013   |                                     |
| Drop-Weight Tear Tests-Up to 20 mm thickness | API RP 5L3, 4 <sup>th</sup> Edition : 2014 |  |  |                                     |
| <b>END</b>                                   |  |  |  |                                     |