



MILL TEST CERTIFICATE (EN 10204:2004 TYPE 3.1)

Format No.: AJS/QC/FR-16

Rev. No.: 02

Effective Date : 15.08.2022

Customer / Client : -----

Project : -----

P.O.No : -----

Pipe Manufacturer & Location : AJMAL STEEL TUBES & PIPES INDUSTRIES L.L.C

Grade & : ASTM A252 Gr. 3

Specification : Welded Steel Pipe Piles

SAMPLE

Certificate No.:AJS/Sample/TC/23/08-001, Rev.00

Dated : 24/08/2023

Steel Making Process: Basic-Oxygen

Country of origin : MADE IN UAE

Country of Melt & Pour : POSCO, KOREA

PRODUCT/HEAT ANALYSIS

Sr.No	Product Dimensions	Type of Pipe	No. of pcs	Heat No.	C%	Mn%	P%	S%	Cu%	Ni%	Mo%	Cr%	V%	B%	CEV	REMARKS
				Req	-	-	0.050	-	-	-	-	-	-	-	-	
1	18-5/8" X 0.435" X 41'	Bare	205	SQ11813	0.145	1.130	0.010	0.001	0.011	0.012	0.003	0.012	0.003	0.0005	0.34	P/A

MECHANICAL TESTS

Sr.No	Heat No.	Tensile Test Values			V.D.I.R	Flattening Test	Straightness	Twist	Outside Dia	Radius of Corners (3T max.)	Concave / Convex
		Yield Strength (psi)	Tensile Strength (psi)	Elongation							
		Requirement (Minimum)	45000	66000							
1	SQ11813	76870	83686	30	Satisfactory	PASS	PASS	NA	PASS	NA	NA

Note - 1

(a) Elongation % = Elongation in 2 in. (b) Outside Dia = $\pm 0.75\%$ of Specified OD (c) Cracks or breaks on the inside or outside surface at weld not found. (Result Satisfactory)
 (d) Straightness = 0.2% of the pipe length (e) Wall Thickness = $\pm 5\%$ of Specified Wall Thickness (f) Convexity & Concavity shall be tested only Section Pipes. (i) Over OD 140 mm = $\pm 1\%$ of large Dimension (g) Bead Height = With Removal of the Inside Flash (Or As Customer requirement)
 (h) Squareness of Corners = $90^\circ \pm 2^\circ$ Max (Applicable Only Section Pipes) (i) Radius of Corners = 3T where T is the Specified thickness (Applicable Only Section Pipes)
 1) Y.S. = Yield Strength, U.T.S = Ultimate Tensile Strength, EL = Elongation, P/A = Product Analysis, L/A = Laddle Analysis & H/A=Heat Analysis, OD = Out side Diameter, NA = Not Applicable

It is certified that pipes listed in this certificate are manufactured, Examined, Tested and comply according ASTM A252 Grade. 3.

Bagish Paul

Quality Executive (Bagish Paul)

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 HOD Quality (Mangesh Bhandari)



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