
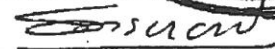


AMJ-QPW-QMO-LBT-005 Rev 01

ArcelorMittal Tubular Products Jubail Crossroads 305 & 308 P.O. Box 10090 Jubail 2 Industrial City 31961 Kingdom of Saudi Arabia		MILL TEST CERTIFICATE EN 10204 3.1 Edition 2004										TC No : AMJ-14071125 TC Date : 12-Jul-2014															
		Customer : ArcelorMittal International America, LLC					Delivery Note no :					Date :															
Consignee : AMERICAN PIPING PRODUCTS (P13325)					Packing list No :					Date :																	
Product : Hot Finished Seamless Pipe Normalized					Cust PO No : 10087687					Date : 14-Apr-2014																	
Size : 6.625" x 0.562" (6 NPS SCH 120)					168.3 mm(OD) x 14.27 mm(WT)					Length : 38-44 Feet (DRL)				End Condition : 32.5° (+2.5°-2.5°) R.F 1.60 ± 0.80 mm													
Specification : ASTM A53 Gr.B-12/ASME SA53 Gr.B/ASTM A106 Gr.B&C-13/ASME SA 106 Gr.B&C-Sec.II Part A-2013/API 5L Gr.B&X42 PSL1-45° Edn.2012/NACE MR0175/ISO 15156-2:2009/ NACE MR0103-2012					Chemical Composition Weight by %																						
Quality Lot No		BANA			Heat No		3400497		Supplier		JSPL			PCS		23		Feets		1003.12		Weight		36420		Lbs	
Parameter		C	Mn	Si	S	P	Cr	Ni	Mo	Al	Ca	Nb	V	B	Ti	Co	Nb+V+Ti		CE (Wt %)								
Min		-	0.29	0.10	-	-	-	-	-	-	-	-	-	-	-	-	0.15		-								
Max		0.28	1.06	-	0.010	0.03	0.40	0.40	0.15	-	0.40	-	0.08	-	-	-	0.15		-								
Heat		0.19	1.27	0.23	0.004	0.013	0.01	0.012	0.003	0.027	0.010	0.001	0.002	0.0003	0.002	0.002	0.005		0.406								
P1		0.21	1.24	0.24	0.002	0.010	0.01	0.002	0.002	0.028	0.008	0.002	0.003	0.0003	0.002	0.002	0.007		0.402								
P2		0.20	1.25	0.24	0.002	0.010	0.01	0.002	0.002	0.028	0.008	0.002	0.003	0.0003	0.002	0.002	0.007		0.413								
Heat no		T/L	Type	Width / Dia mm	YS (0.5% EUL) 290 Min Mpa	UTS 485 Min Mpa	%E 24.0 Min GL 50.8 mm	Hardness 248 Max HV10	Specimen Detail T/L		Size	Temp	Absorbed Energy J			J											
3400497		L	Rc	25.4	318	526	40.9	150-153	NA	NA	NA	NA	1	2	3	Avg	1	2	3								
Heat no		Unit		Required		Scale		Flux Leakage				MPT		Full Body UT		Test pressure & Time											
		-		-		-		As per ASTM E 570				As per ASTM E 570		ASTM E 709		ASTM E 213		2970									
		Location		1	2	3	4	Avg		OD		ID		END Inspection		WT		5 sec.Min									
		OD		-	-	-	-	-		L	T	L	T	-		-		-									
		MID		-	-	-	-	-		12.5%	12.50 %	12.50 %	12.50 %	-		12.50 %		-									
		ID		-	-	-	-	-		Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory		Satisfactory		Satisfactory									
Other Test		Remarks																									
Residual Magnetism : Satisfactory (30 Gauss Max.)		1) Mn 1.35% Max is permitted as per table 01 clause A of ASTM A106 Table 506 API 5L 2) Steel melting Practice-EAF-LRF-VD-CC, Al and Si Killed-Fine Grain practice																									
Marking: ArcelorMittal Jubail API Spec 5L 1026 API MONO Mo-Yr / ASTM A53 Gr.B / A106 Gr.B / ASME SA53 Gr.B / SA 106 Gr.B/C / NACE MR0175 / 0103 / ISO 15156 6.625 0.562 (6 NPS SCH 120) BOX 2970		SNLS 2970 psi HEAT NO:XXXXXXX PIPE NO:XXXXXXX LENGTH:XX.XX FT WEIGHT:XXXX Lbs ITEM NO-3 P.O.NO.10087687 MADE IN SAUDI ARABIA																									
ISO 9001		API License No.1026																									
ISO TS 29001		Authorized by: 																									
API Q1		