

INSPECTION CERTIFICATE

EN10204:2004/3.1

ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 &
PED 2014/68/EU MM+AD2000W0 Certified Company

Customer :

QATAR PETROCHEMICAL COMPANY (QAPCO)

Certificate No :

OM/L/MTC/20-21/11088

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Order No :

82481

Date

04-Dec-2020

Invoice No :

Date

Specification : ASTM A105/A105N - 14, MSS SP-97 - 2012

No.	Description	Quantity	Heat No.	Heat Treatment
1	WELDOLET 12" X 2" X SCH 20S X SCH 80S	1.00 Nos.	Q135	Normalized at 900°C and Air Cooled
2	WELDOLET 10" X 2" X SCH 20S X SCH 40S	1.00 Nos.	Q136	Normalized at 900°C and Air Cooled
3	SOCKOLET 10" X 1-1/2" X 3000#	1.00 Nos.	Q137	Normalized at 900°C and Air Cooled
4	WELDOLET 4" X 2" X SCH 80S	2.00 Nos.	Q138	Normalized at 900°C and Air Cooled
5	SOCKOLET 8" X 3/4" X 3000#	2.00 Nos.	Q139	Normalized at 900°C and Air Cooled

Chemical Composition


Heat No.	C%	SI%	Mn%	P%	S%	Cr%	Ni%	Mo%	V%	Cu%	Ceq %
Q135	0.189	0.218	0.712	0.014	0.005	0.203	0.037	0.028	0.005	0.078	0.362
Q136	0.205	0.185	0.699	0.011	0.009	0.172	0.041	0.031	0.003	0.101	0.372
Q137	0.199	0.175	0.725	0.019	0.008	0.186	0.039	0.035	0.004	0.112	0.374
Q138	0.176	0.211	0.684	0.015	0.006	0.194	0.044	0.027	0.006	0.092	0.344
Q139	0.210	0.192	0.722	0.013	0.007	0.183	0.045	0.026	0.002	0.089	0.381

Mechanical Properties

Heat No.	Tensile				Hardness	
	U.T.S	Y.S	Elongation	Red. Area		
	Mpa-Rp 0.2	Mpa-Rp 0.2	%	%	HRB	
Q135	592	376	42	67	77,78,78	
Q136	608	352	45	64	79,79,80	
Q137	605	364	49	68	76,76,77	
Q138	621	358	48	70	77,77,78	
Q139	614	369	44	71	78,78,79	

Visual Inspection	OK	Dimension Inspection	OK	Country of Origin	INDIA
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Marking	Brand - Item - Size - Specification - Dimension - Heat No.
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Remarks	Seal of Customer / Surveyor	FOR OM TUBES & FITTINGS INDUSTRIES
1) Test samples were tested and inspected in accordance with the order & were found to meet the requirements. 2) No welding or weld repair. 3) Material free from mercury or radioactive contamination. 4) Material is Fully Killed and Fine grain Practice.		 QC HEAD