



CERTIFICATE NO. 17292 DATE 21/12/2020

NAME OF BUYER
ALLIED FITTING L.P.

RAW MATERIAL SPECIFICATION : ASTM A105-18/ASME SA105-17

SPECIFICATION FOR INSPECTION : ANSI/ASME B16.5-2017

P.O NO. PO16779 DT. 24/08/2020

INVOICE NO. EXP/20-2257 DT. 16/12/2020

MECHANICAL REQUIREMENTS

Sr. No.	Description	Qty (PCS)	Heat No.	Supp. Code	Y.S(Psi) Min 36,000	T.S(Psi) Min 70,000	E% Min 22%	R.A% Min 30%	Heat Treatment	Soaking Time (Min.)	Hardness BHN 137-187
1	3 150# SORF FLGS L1SR3-RG	1912	H7351	20	47605	73111	34.40	68.50	AS FORGED		148 - 150
2	3 150# SORF FLGS L1SR3-RG	488	H7348	20	50152	77202	32.12	67.53	AS FORGED		152 - 154
3	3 150# SOFF FLGS L1SF3-RG	6	H7327	20	47920	80289	33.82	68.98	AS FORGED		154 - 156
4	3 150# SOFF FLGS L1SF3-RG	335	H7348	20	50152	77202	32.12	67.53	AS FORGED		152 - 154
5	3 150# SOFF FLGS L1SF3-RG	85	H7351	20	47605	73111	34.40	68.50	AS FORGED		148 - 150
6	3 150# SOFF FLGS L1SF3-RG	8	H7306	20	48221	79180	33.98	68.59	AS FORGED		152 - 154
7	3 150# SOFF FLGS L1SF3-RG	26	H7270	20	49445	76648	33.94	68.49	AS FORGED		152 - 154
8	3 150# SOFF FLGS L1SF3-RG	40	H7220	20	47676	77194	33.64	69.43	AS FORGED		152 - 154

CHEMICAL REQUIREMENTS

Sr. No.	Heat No.	SPECIFIED ELEMENTS						UNSPECIFIED ELEMENTS						
		C.E. 0.47% Max	C 0.35 Max	Mn 0.60-1.25	P 0.035 Max.	S 0.04 Max.	Si .10 -0.35 Max.	Cu 0.40 Max.	Ni 0.40 Max	Cr 0.30 Max.	Mo 0.12 Max.	V 0.08 Max.	Pb 0.010 Max.	Al 0.020 Min.
1	H7351	0.39	0.20	0.91	0.032	0.016	0.23	0.070	0.041	0.120	0.010	0.002	0.001	0.025
2	H7348	0.39	0.21	0.91	0.033	0.008	0.24	0.069	0.020	0.086	0.006	0.002	0.001	0.025
3	H7327	0.40	0.21	0.94	0.034	0.018	0.22	0.054	0.002	0.112	0.004	0.003	0.001	0.026
4	H7348	0.39	0.21	0.91	0.033	0.008	0.24	0.069	0.020	0.086	0.006	0.002	0.001	0.025
5	H7351	0.39	0.20	0.91	0.032	0.016	0.23	0.070	0.041	0.120	0.010	0.002	0.001	0.025
6	H7306	0.40	0.21	0.91	0.033	0.012	0.26	0.048	0.031	0.135	0.010	0.001	0.001	0.027
7	H7270	0.39	0.21	0.94	0.024	0.017	0.24	0.041	0.022	0.072	0.005	0.001	0.001	0.025
8	H7220	0.39	0.21	0.92	0.023	0.013	0.26	0.055	0.021	0.108	0.006	0.002	0.001	0.027

Certificate that the materials described above are in accordance with the order and specifications.

For R.N. GUPTA & COMPANY LTD. Page No : 1

Material in accordance with NACE MRO 175-2015/ISO-15156 and NACE MRO 103-2015

The Material is produced with Fine Grain Practice.

Note:- We hereby confirm that our QA system comply with requirements of Annex I, Clause 4.3 of PED 2014/68/EU and it is certified by AJAY KUMAR BHARTI(METALLURGIST)

M/s DNV GL vide certificate No. 4487-2014-CE-IND-DNV-GL Valid upto 31-03-2023. ISO 9001:2015 certificate No. Is 159822-2014-AQ-IND-RvA

Valid upto 22/07/2023. Products also conform to requirements of ASTM A105/ASME SA105

Stock 4709893 03/05/2021



MATCONOR MN150FSF10 3IN 150LB SLII
ON WELD FLANGE FF