



MATCONOR MN150FSF13 6IN 150LB SLI
ON WELD FLANGE FF



MUNISH FORGE PVT. LTD.

VILL. GOBINDGARH, ADJOINING PHASE -VII, FOCAL POINT
LUDHIANA- 141 010, INDIA TEL: - +91 161 2673 307, 2673 407, Fax: +91 161 2676 046
AN ISO 9001 : 2015 CERTIFIED COMPANY
(CERTIFICATE No. FM667250)
PED 97/23/EC CERTIFIED COMPANY
CERTIFICATE AS PER BS EN 10204 -3.1 : 2004

CODE:- QAD-F-28

REV NO:- '00

EFF. DT:- 11.05.17

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6" 150# FS S/O FLANGE RF

CUSTOMER NAME		CERTIFICATE NO.	31109/19
PART NO. / NAME	6" 150 SORF	DATE	04.02.2019
PRODUCT CODE		PO NO. & DATE	
MATERIAL SPECIFICATION	ASTM A105/ SA105 2011, NACE MR 0175-2003		
STANDARD	ASME B16.5:2013 (REVISION OF ASME B16.5:2009)	BATCH NO.	284706
QUANTITY	1028 Pcs		

DESCRIPTION	QTY (PCS)	BATCH NO.	CHEMICAL COMPOSITION											
			C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Nb	CE%
SPECIFIED			0.35 MAX	0.60 1.35	0.035 MAX	0.040 MAX	0.10 0.35	0.40 MAX	0.40 MAX	0.30 MAX	0.12 MAX	0.08 MAX	0.02 MAX	0.43 MAX
MILL TEST REPORT			0.185	0.93	0.030	0.015	0.260	---	---	---	---	---	---	
OBSERVED BY US	1028	284706	0.186	0.96	0.020	0.022	0.251	0.090	0.039	0.084	0.006	0.001	0.003	0.37

MECHANICAL TESTING AS PER ASTM A 370 - 09 MECHANICAL PROPERTIES

BATCH NO.	DESCRIPTION	YIELD STRENGTH PSI	TENSILE STRENGTH PSI	% ELONGATION	% REDUCTION	HARDNESS BHN
	SPECIFIED	36000 MIN	70000 MIN	22 MIN	30 MIN	137 - 187
284706	OBSERVED	57401.14	78506.51	37.13	61.41	153

SPECIAL REMARKS: - WE CERTIFY THAT THE MATERIAL MEETS THE REQUIREMENT OF ASTM A105/SA105 11 & DIMENSIONAL STD.ASME B16.5:2009 (REVISION OF ASME B16.5:2003) CARBON STEEL FLANGES ARE FORGED & FULLY MACHINED WITH SERRATED FINISH AS PER STD.MSS SP-6-2007.

FLANGES ARE PAINTED WITH BLACK PAINT & MARKED AS :-

MUNISH 6 SORF 150 A/SA105 B16.5 284706 INDIA

MADE BY:

CHECKED BY:
(Q.C.M)

GM (Q.C)
FOR MUNISH FORGE PVT. LTD

Heat #: 284706