



METALFAR
PRODOTTI INDUSTRIALI S.P.A.

SEDE AMMINISTRATIVA E STABILIMENTO:
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SALA PROVE E ANALISI MATERIALI / MATERIAL TEST DEPARTMENT

COMPANY WITH QUALITY MANAGEMENT
SYSTEM CERTIFIED BY DNV
= ISO 9001:2008 =

CERTIFICATO DI COLLAUDO SECONDO EN 10204 - 3.1 INSPECTION CERTIFICATE

FORGED FLANGES & FITTINGS LTD	Certif. N. 5129	Del/Dated 24.10.2011
CASTLE HOUSE - STATION ROAD	Fattura / Invoice N. 3456	Del/Dated 24.10.2011
ENS 1 PE NEW BARNET/HERTFORD	DDT / Del Note N. 3935	Del/Dated 24.10.2011
GB	Ns.Ord. / Our ref. N.	Del/Dated

2" 600 Rf Flans sel 80
#1745/11

COD. COL.	COLATA	POS.	VS. ORDINE	Q. TA.	DESCRIZIONE	DIM. IN ACC. A	VISIVO E DIMENS.									
HEAT CODE	HEAT	ITEM	YOUR REFERENCE	Q. TY	DESCRIPTION	DIM. ACCORDANCE TO	SATISFACTORY									
	1745/11	068	3758/CCTFMD	260,00	W/N 500 RF 2" XS	ASME/ANSI B16.5 - 2009										
MATERIALE / MATERIAL	C%	Si%	Mn%	S%	P%	Cr%	Ni%	Mo%	Ti%	Cu%	V%	Nb%	N%	Al%	C.E.%	B %
ASTM A105	0,184	0,220	1,090	0,003	0,006	0,090	0,140	0,049	0,021	0,170	0,003	0,003	0,000	0,025	0,415	0,000
PROVETTA / TEST SPECIMEN	FORMA	SVERNAMENTO	YIELD POINT	TENSILE STRENGTH	ROTTURA	ALLUNGAMENTO	REDUCTION OF AREA	DUREZZA	HARDNESS	TRPO / TYPE	RESILLENZA / IMPACT TEST	TOULE/CM2	FORNO / FURNACE	ORIGINE / ORIGIN		
SECT mm2	LENTH mm	SHAPE	N/mm2 >= 0,2%	N/mm2 >=	ELONGATION	%	%	HBW	HV	10x10mm	°C	1 86 2 89 3 85	ELECTRIC FURNACE	EUROPE		
126,60	50,80	1	346,0	569,0	30,0	57,0	170,0 - 174,0									
MATERIALE IN ACCORDO A / MATERIAL IN ACC. TO																
ASTM/ASME A 105/SA 105 M - 10 ASME CODE SECT. II, PART A, ED. 2010																
TRATTAMENTO TERMICO / HEAT TREATMENT																
NORMALIZED AT 920 C - COOLED IN STILL AIR																
CSA Z-245.12-09 GRADE 290 CAT.1 SOUR SERVICE																

NOTE: MANUFACTURING IN ACCORDANCE WITH ORDER AND SPECIFICATION
MATERIAL IN ACCORDANCE WITH NACE MR-0176/2003 ISO 15166-2009 - SOUR SERVICE
MATERIAL IN ACCORDANCE WITH NACE MR-0103/2010 - SOUR SERVICE

UFFICIO CONTROLLO QUALITA'
QUALITY CONTROL DEPARTMENT

ENTE UFFICIALE DI COLLAUDO
INSPECTION AUTHORITY

MARCHIO PRODUZIONE
MANUFACTURER'S SYMBOL

Is Corti
Don Sergio

