

8558-12

3" 600# WWRP FLANGE

P.O. 135206


METALFAR
 PRODOTTI INDUSTRIALI S.P.A.

STAMPAGGIO A CALDO DI ACCIAI COMUNI - LEGATI E INOSSIDABILI

 SEDE AMMINISTRATIVA E STABILIMENTO:
 23061 GESANA BRIANZA (LC) - Italy
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 quality.mff@farnas.com

 COMPANY WITH
 QUALITY SYSTEM
 CERTIFIED BY DNV
 = ISO 9001 =

CERTIFICATO DI COLLAUDO SECONDO EN 10204 - 3.1 INSPECTION CERTIFICATE

Certif. N. 438 DDT / Del Nole N. 368	Del/Dated 28.01.2014 Del/Dated 28.01.2014	Fattura / Invoice N. 313 Ns.Ord. / Our ref. N. 0	Del/Dated 28.01.2014 Del/Dated
NOV WILSON CANADA ULC 1800, 635 - 8TH Avenue S.W. T2P 3M3 CALGARY, ALBERTA CA		Dest.: NOV WILSON CANADA ULC 2603 - 76 Avenue T6P 1P6 EDMONTON, ALBERTA CA	

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COD. COL.	COLATA	POS.	VS. ORDINE		Q.TA'		DESCRIZIONE										DIM. IN ACC. A					VISIVO E DIMENS. VIS. & DIMENS. SATISFACTORY			
HEAT CODE	HEAT	ITEM	YOUR REFERENCE		Q.TY		DESCRIPTION										DIM. ACCORDANCE TO								
13/39563		100	3015795-OR-2100		100,00		W/N 600 RF 4" XS A105N										ASME/ANSI B16.5 -2013								
MATERIALE / MATERIAL			C%	Si%	Mn%	S%	P%	Cr%	Ni%	Mo%	Ti%	Cu%	V%	Nb%	N%	Al%	C.E.%	B %							
ASTM A105 (LADLE)			0,190	0,230	0,980	0,010	0,011	0,090	0,050	0,020	0,015	0,150	0,002	0,001	0,009	0,025	0,389	0,000							
PROVETTA / TEST SPECIMEN		FORMA	SNERVAMENTO		ROTTURA		ALLUNGAMENTO		CONTRAZIONE		DUREZZA		RESILIENZA / IMPACT TEST -					SNERVAMENTO		Ns.RH. OUR REF.					
SEZ. mm2	LUNG. mm	SHAPE	YIELD POINT		TENSILE STRENGTH		ELONGATION		REDUCTION OF AREA		HARDNESS		JOULE/cm2					YIELD POINT							
SECT. mm2	LENGHT mm	1=0 2=□	N/mm2 >=0,2%		N/mm2 >=		%>=		%>=		HBW		TIPO / TYPE 10x10mm °C 1 2 3					N/mm2 >=1,0%							
126,60	50,80	1	341,0		512,0		32,0		59,0		154,0 - 156,0		KV 20 87 80 78					0,0							
MATERIALE IN ACCORDO A / MATERIAL IN ACC. TO										TRATTAMENTO TERMICO / HEAT TREATMENT										FORNO / FURNACE					ORIGINE / ORIGIN OF STEEL EUROPEAN UNION
ASTM/ASME A 105/SA 105 M - 13 ASME CODE SECT. II, PART A, ED. 2013										NORMALIZED AT 920 C - COOLED IN STILL AIR										ELECTRIC FURNACE					
CSA CAN3 Z245.12-09 GRADE 290 CAT.I SOUR SERVICE																									

COD. COL. COLATA HEAT CODE HEAT	POS. ITEM	VS.ORDINE YOUR REFERENCE	Q.TA' Q.TY	DESCRIZIONE DESCRIPTION	DIM.IN ACC. A DIM. ACCORDANCE TO ASME/ANSI B16.5 -2013													VISIVO E DIMENS. VIS. & DIMENS. SATISFACTORY			
8558/13	093	3015795-OR-2100	222,00	W/N 600 RF 3" STD A105N																	
MATERIALE / MATERIAL ASTM A105 (LADLE)					C%	Si%	Mn%	S%	P%	Cr%	Ni%	Mo%	Ti%	Cu%	V%	Nb%	N%	Al%	C.E.%	B %	
					0,190	0,200	1,030	0,003	0,009	0,100	0,050	0,012	0,018	0,070	0,003	0,002	0,009	0,028	0,393	0,000	
PROVETTA / TEST SPECIMEN SEZ. mm2 LUNG. mm SECT. mm2 LENGHT mm	FORMA SHAPE 1=0 2=□	SNERVAMENTO YIELD POINT N/mm2 >=0,2%	ROTTURA TENSILE STRENGTH N/mm2 >=	ALLUNGAMENTO ELONGATION %>=	CONTRAZIONE REDUCTION OF AREA %>=	DUREZZA HARDNESS HBW	RESILIENZA / IMPACT TEST - JOULE/cm2										SNERVAMENTO YIELD POINT N/mm2 >=1,0%	Ns.RH. OUR REF.			
126,60 50,80	1	353,0	541,0	32,0	63,0	152,0 - 156,0	TIPO / TYPE 10x10mm °C 1 2 3										0,0				
MATERIALE IN ACCORDO A / MATERIAL IN ACC. TO ASTM/ASME A 105/SA 105 M - 13 ASME CODE SECT. II, PART A, ED. 2013					TRATTAMENTO TERMICO / HEAT TREATMENT NORMALIZED AT 920 C - COOLED IN STILL AIR					FORNO / FURNACE ELECTRIC FURNACE										ORIGINE / ORIGIN OF STEEL EUROPEAN UNION	
CSA CAN3 Z245.12-09 GRADE 290 CAT.I SOUR SERVICE																					

NOTE 100% MANUFACTURED IN ITALY
 NOTES MANUFACTURING IN ACCORDANCE WITH ORDER AND SPECIFICATION
 MATERIAL IN ACCORDANCE WITH NACE MR-0175/2009 ISO 15156-2009 - SOUR SERVICE
 MATERIAL IN ACCORDANCE WITH NACE MR-0103/2012 - SOUR SERVICE

 UFFICIO CONTROLLO QUALITA'
 QUALITY CONTROL DEPARTMENT

 ENTE UFFICIALE DI COLLAUDO
 INSPECTION AUTHORITY

 MARCHIO PRODUZIONE
 MANUFACTURER'S SYMBOL

