



VIAR S.p.A.
FIGHTER PRODUCTS



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

Ufficio e stabilimento
Offices & Plant

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Cert.N°: DV 002521

Data/Date: 21/12/2017

CERTIFICATO DI ANALISI CHIMICA E PROVE MECCANICHE
CHEMICAL COMPOSITION AND TENSILE PROPERTIES CERTIFICATE

UNI EN 10204 / 3.1

Cliente
Customer

SAMIC SPA

Via Vittorio Veneto, 124
21050 - LONATE CEPPINO - VA
IT - Italia

Our job N°. IT 171188 Del 14/11/2017

Ordine / Order N°. 15034ORDA44R0

Del / Of 13/11/2017

Pos. Item	Q.tà Q.ty	Descrizione Description	Classe materiale	Cod.Cliente Client code number	Colata n° Heat number	Cod.colata Heat code	Cert.originale Mill certif.	Acciaieria Steel plant	Tratt.Termico Heat Treatment
1	6	FLANGE BLIND 1.1/2" - ANSI B16.5 600 RF 3,2/6,3 SA/A105N	SA/A105N		16/42669	42669	7109	RIVA ACCIAIO S.P.A.	Normalization

ANALISI CHIMICA / CHEMICAL COMPOSITION

Colata n° Heat n°	C %	Mn %	Si %	P %	S %	Cr %	Ni %	Mo %	Cu %	V %	Nb/Cb %	Sn %	Al %	Ca %	N %	Pb %	Ti %	W %	Fe %	Co %	B %	Ta %	Zr %	Zn %	Sb %	As %	H %	O %
16/42669	0,1850	1,0000	0,2360	0,0190	0,0089	0,0600	0,0500	0,0100	0,1300	0,0150	0,0010	0,0060	0,0220				0,0150											

	Ceq %	PCM %	PREN %	Xbar ppm	dfact %	CCfact %	Creq %	Al/N %
	0,38							

CARATTERISTICHE MECCANICHE / MECHANICAL PROPERTIES

Colata n° Heat n°	YS.0.2% [MPa]	YS.0.5% [MPa]	TS [MPa]	A %	Z %	YS/TS %	Prove di resilienza [J] / [J] Single Value Ave [J]	Shear Area [%]	Lat.Exp. [mm]	Durezza HB	Hydro Test
16/42669	279,00		513,00	29,00	61,00					152 154	

ACCORDING TO ASME B31.1/B31.3/B16.5
NORMALIZATION AT 920°C. FOLLOWED BY CALM AIR COOLING-NACE MR -0175 / ISO 15156 (latest edition)
ACCORDING TO ASME SECTION II ED. 2015 - VISUAL AND DIMENSIONAL CHECKING: SATISFACTORY
ACCORDING TO PED 2014/68/EU

ENTE COLLAUD. / Inspection Agency

