



MUSSARI S.r.l.

Trafferia tubi inox di alta precisione
Via Repubblica 11/B - Tel 031/390677 - 031/492476
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22075 LURATE CACCIVO/COMO (ITALY)

web-site: www.mussari.com

EN 10204 / 3.1

ABNAHMEPRUFZEUGNIS

CERTIFICAT D'ESSAIS

CERTIFICATO DI COLLAUDO

Comm. Nr. 3475/14 - 639/15**

DELIVERY BILL - Lieferschein/Bullein de Livraison/Bolla di consegna
574

N. 817 - 2015

DATE - Datum/Data

10 marzo 2015

CUSTOMER ORDER N° - Bestellung/Commande Client/Ordine Cliente

2015038

MECHANICAL TEST

ASTM A 213/269 - MSR-HP TUBES

STEEL GRADE	DIMENSIONS	QUANTITY	YIELD POINT		TENSILE STRENGTH		ELONGATION		HARDNESS	
			MPa	ksi	MPa	ksi	%	in 2"	HRB	HV
TP 316 - 316L	1/4" x 0.083" 6.35 x 2.10	336.00	MPa	ksi	MPa	ksi	%	in 2"	HRB	HV
			689	799.0	758	930.0	18%	18.0	96.0	97.0

STEEL GRADE	DIMENSIONS	HEAT N°	%C	%Mn	%Si	%P	%S	%Ni	%Cr	%Mo	%Ti
TP 316 - 316L	1/4" x 0.083" 6.35 x 2.10	A00876	0.019	1.120	0.410	0.036	0.0050	10.230	17.060	2.080	0.030

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F13789
1/4" HIGH PRESSURE NIPPLE 70MM LONG 60K 316L

MUSSARI
Inspection Department Signature
Via de l'inspecteur
Via controllo qualità
Mussari S.r.l.

100% hydrostatic pressure tested at 60.000 Psi
Durant 5 sec :
Wasserdrukversuch/Essai Hydraulique/Prova Idraulica
100% eddy current test acc. to A1016-NFA 49872-SEP 1914-ASTM A450/E426-EN 10893-1-EN 10893-2-EN10246-2 : GOOD
Eddy current/Courant de Foucault/Eddy Current
Visual and Dimensional control :
Beschichtung und Ausmessung/Controlle Visuel et Dimensionnel/Controlle Visivo e Dimensionale
MARKING-Kennzeichnung/Marquage/Marcatura
OK Straightness control
Geradeheit Kontrolle/Controlle de rectitude/Controllo rettifinezza
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