



**MUSSARI S.r.l.**

Traffiana tubi inox di alta precisione  
Via Repubblica 11/B - Tel. 031/390677 - 031/492476  
Fax 031/390010  
22075 LURATE CACCIOLICOMO (ITALY)  
web-site: www.mussari.com

TEST CERTIFICATE ACCORDING TO

EN 10204 / 3.1

ABMÄßNEPRÜFZEUGNIS  
CERTIFICAT D'ESSAIS  
CERTIFICATO DI COLLAUDO

N. 715 - 2014

DATE - Datum/Date

20 febbraio 2014

Comm. Int. Nr. 31/14

DELIVERY BILL - Lieferchein/Buletin de Livrao/Bolha de entrega 475

CUSTOMER ORDER N° - Bestellung/Commande Clienti 2013251

MECHANICAL TEST

SPECIFICATIONS Anforderung/Spezifikation/Informative

ASTM A213/269 - HP Tubes - Butech Spec. 2000

TECHNOLOGICAL TEST

FLARING TEST: =

FLANGE TEST: =

FLATTENING TEST: =

BENDING REV. TEST: =

RING FLATTENING TEST: =

DRIFT EXPANDING TEST: =

REMARKS Bemerkungen/Notas/Note

Acc. TO BUTECH Spec : Part. 20-312-316

Suitable for 20,000 Psi

The material is conforming to PED 97/23/EC

HEAT TREATMENT: N.A.

Integr./annual corrosion test acc. To AS20/PT. E =

INSPECTION DEPARTMENT SIGNATURE

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Mechanische Prüfung/Essai Mécanique/Caratteristiche meccaniche

YIELD POINT Streck-/Dehnungs-Limit/Grenzwert

TENSILE STRENGTH Zugfestigkeit/Resistenza a trazione

ELONGATION Bruchdehnung/Allungamento

HARDNESS Härte/Durezza

TP 316 - 316L

9/16" x 0.312"

902.55

2 517

983.9

2 724

1198.0

2 22%

23.0

2 95

98.0

101.0

RP1.0%MIN/M2

RP1.0%MIN/M2

RP1.0%MIN/M2

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100% hydrostatic pressure tested at 90,000 PSI During 30 sec : GOOD

100% eddy current test acc to A1016-MFA 49872-SEP 1914-ASTM A450/E28-EN 10983-1-EN 10983-2-EN 10246-1 : GOOD

Eddy current/Contrôle de Foucaill/Eddy Current

Visual and Dimensional control

MARKING-Kennzeichnung/Marcatura

MSR ASTM A213/269 TP 316-316L HP Tubes Suit For 20,000 Psi Size 9/16" x 0.312" C.D. Heat Nr. .... Butech Spec. 2000

We certify that the material described has been manufactured acc. With above standards and specifications and satisfies the order's requirements.

Wir bescheinigen, dass die gefertigten Ware den Bescheinigungsschriften entspricht/Conformément aux références de la commande/Il est attesté que le matériel spécifié est conforme à l'ensemble des exigences

OK

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INSPECTION DEPARTMENT SIGNATURE

Uhrna, Dts Verke...standigen

Von de L's...standigen

Von de L's...standigen

Von de L's...standigen

Von de L's...standigen

Von de L's...standigen

Von de L's...standigen

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