

F14003 - 3/4" JIC Male x Male
 .45° Elbow 6K 316L

Y980/04/022 00 PDF

Outokumpu
 high performance stainless steel



CERTIFICATE - ZEUGNIS - CERTIFICAT

EN 10204 - 3.1

17010659-EN-0

Date Datum Date
 11-Jan-2017

Load, Ladung, Charge No
 145278

Acknowledged ID, Bestätigung, Commande ID
 300411457

BATCH PLY980

Invoice No.
 Rechnung Nr.
 N° de facture

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Business Unit / OCM

BA Quarto Plate, Quarto Plate Europe

Your ref, Ihre Ref., Votre ref
 P48514 Rev 01

Buyer, Besteller, Acheteur
 P P PLASMA LTD
 VERE STREET
 SALFORD
 M5 2GQ, MANCHESTER
 ENGLAND

Requirements, Anforderungen, Exigences
 AD 2000 W2 & EN10028-7, PED 2014/68/EU
 ASTM A240M / NACE MR0175/ ISO 15156-3:16/2003/2009
 EN10029N/A480/A480M
 EN10029B/A480/A480M

Consignee, Empfänger, Lieu de livraison
 P P PLASMA LTD

Mark of Manufacturer
 Zeichen des Lieferanten
 Signe de fournisseur



Process
 Erschmelzungsart
 Mode de fusion

E+AOD

Inspector's stamp
 Zeichen des Sachverständigen
 Poisson de l'expert



Grade, Werkstoff, Nuance
 1.4404 316L

Product, Erzeugnisform, Produit
 Stainless steel hot rolled, Plate, 1D, Cut edge

Line Reihe Ligne	Item Position Posté	Heat-Lot No Schmelz-Lot Nr Coulées n° - Lot No	Size Abmessungen Dimensions	Pieces Stückzahl Nombre	Quantity/Unit Menge/Einheit Quantité/Unité
1	1	564897-322324:0	22,0 X 2000,0 X 6000,0 mm	1	

Plate No, Blech Nr, Tôle No
 1 5005 1801

Chemical composition - Chemische Zusammensetzung - Composition chimique %
 Heat - Schmelze - coulée No

	C	Si	Mn	P	S	Cr	Ni	Mo	N
Min						16.50	10.00	2.00	
Max	0.030	0.75	2.00	0.045	0.015	18.00	13.00	2.50	0.10
564897	0.018	0.46	1.26	0.031	0.001	17.25	10.03	2.04	0.05

Distribution

Certificate via e-Services

Direct
 T = Transverse
 L = Longitudinal
 Top/Bot
 F = Front
 B = Back
 Form
 P = Flat
 C = Round
 Location
 1 = Center
 2 = Close to Surface
 3 = Standard
 4 = At 1/4 of thickness

Test results - Prüfergebnisse - Résultats des essais (1N/mm² = 1MPa)

Corrosion
 EN ISO 3651-2 Method A
 Plate-no Result
 1801F OK

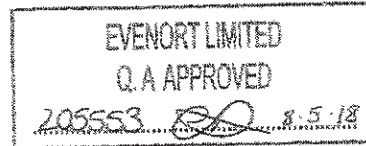
Mechanical properties

Tensile testing/Hardness Rockwell B

Plate-no	Direct	Top/Bot	Location	Form	Temp. °C	Rp 0.2 MPa	Rp 1.0 MPa	Rm MPa	A5 %	A50 %	HRB
Min						220	260	520	45	40	HRB
Max								670			95
1801	T	F	2	C	20.0	248	286	582	57	59	77

Other information

Heat treated at 1100°C and Quenched in water.
 Dimensional control, visual inspection and grade check (PMI): Approved
 Certified acc. to AD2000-Guideline W0 and
 Pressure Equipment Directive (2014/68/EU)
 annex I, sec. 4.3 by Certification body for
 pressure equipment of the TÜV NORD Systems
 notified body, reg.-no. 0045



The results comply with the requirements of the order - Die gestellten Anforderungen sind erfüllt - Les résultats sont conformes aux exigences de la commande

Outokumpu Stainless AB
 BA Quarto Plate Quarto Plate Europe
 SE-650 81 DEGERFORS
 SWEDEN
 Regoffice: SWEDEN

V.A.T no: SE556001674301
 Regno: 556001-8743

Computer generated original
 Quality Inspector

Daniel Malman
 Daniel Malman

