



CERTIFICATE
EN 10204 - 3.1

No:
11700136-2 V4.0

Date
12/04/2010

Your order
00100335

Our order
11100086

Buyer: HOLSTAAL BV Postbus 137 4250 DC Werkendam Nederland	Requirements: AD 2000 W2 - W9 - W10 / DIN 2519
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Grade: 1.4404 EN 10222-1 / EN 10222-5	Heat treatment: solution annealed at 1050 D.C. quenched in water	Brand mark 	Inspectors stamp
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Marking:
-Description -Heat + testnumber -Mark + Inspector stamp

Mechanical properties:

Quantity:	Description:	Rp 0,2 %	Rp1,0	Rm	Elongation	Reduction of	Impact test 20° [J]		
heat no	test no	[N/mm2]	[N/mm2]	[N/mm2]	%	area [%]			
18	DIN 2527 DN 50 PN 64 1.4404 R.F. - FORM E								
E90042	PR0700009121	292	357	590	51	65	145	128	127

Chemical analysis:

Heat no	C	Si	Mn	P	S	Cr	Mo	Ni	Ti	N	Cu	Al	B	Co
E90042	0.021	0.35	1.58	0.033	0.025	17.17	2.04	10.11		0.085			0.0006	0.25

Melting process / Producer

EAF + AOD / OUTOKUMPU

Inspection and gauge measurement: No remarks	PMI test: 100% result: No remarks	IC test: ISO 3651-2: No remarks
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Approved acc. AD 2000-Merkblatt W0/TRD100 by TÜV SÜD Industrie Service GMBH
 Certified acc. PED 97/23/EC Annex I § 4.3 by certification Body -0036- of TÜV SÜD
 Industrie Service GMBH - Certificate Nr. 286/2006/MUC
 Renounced of counter signature agreed by TÜV SÜD (31/08/2006)

Works inspector:

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 SWIFT-code: BBRUBEBB 200
 BTW/VAT/TVA No BE 425.003.718

POS: 1 (8x)