

HERTECANT N.V.



STAINLESS STEEL FLANGES

41 B5

CERTIFICATE No: 63549-1 Date: 12/12/2007 Your order: 00071361 Our order: 91353
 EN 10204 - 3.1.B./3.1

Buyer: HOLSTAAL BV Postbus 137 4250 DC WERKENDAM Nederland	Requirments: 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 %	Rp 1,0	Rm	Elongation	Reduction of	Impact test
heat no	test no	[N/mm ²]	[N/mm ²]	[N/mm ²]	%	area [%]	20° [J]
6	DIN 2527 DN 50 PN 64 1.4404 R.F.						
512185	365593	260	320	550	53	58	117-123-120
4	DIN 2527 DN 50 PN 64 1.4404 R.F.						
E62504	365870	312	373	586	56	73	158-164-179
10	DIN 2527 DN 50 PN 64 1.4404 R.F.						
E71394	1013148	329	398	615	49	63	118-180-093

6x
4x

Chemical analysis:

Heat no	C	Si	Mn	P	S	Cr	Mo	Ni	Ti	N	Cu	Al
Melting process / Producer												
512185	0.013	0.55	1.74	0.027	0.023	16.76	2.03	11.25		0.032		
E / SANDVIK												
E62504	0.022	0.32	1.71	0.032	0.024	17.26	2.04	10.12		0.083		
EAF + AOD / OUTOKUMPU												
E71394	0.020	0.32	1.59	0.030	0.026	17.22	2.09	10.17		0.083		
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:
QUALITY-CONTROL DEPARTMENT

Martens K

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 HR Turnhout 59.174



POS 1