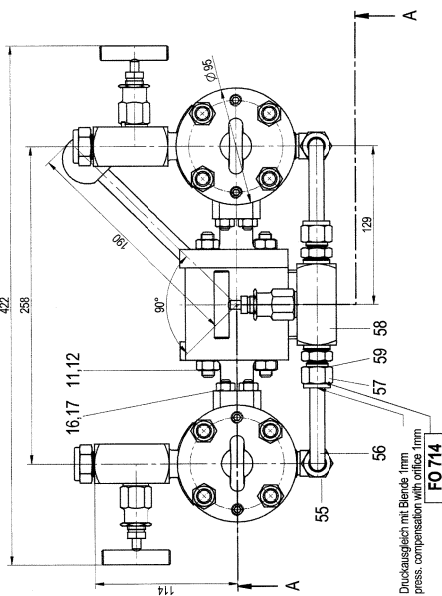
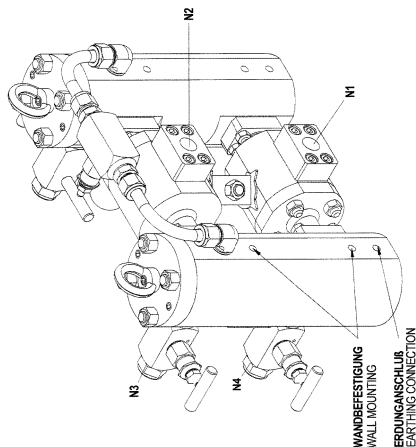
[illegible]


ELEMENTAUSBAU
DISMOUNTING OF THE FILTERELEMENT

VOLUMEN 2x0,3 L
VOLUME

LEERGEWICHT 40 KG
EMPTY WEIGHT

ÄNDERUNGEN VORBEHALTEN
SUBJECT TO ALTERATIONS

[illegible]

 CE&I LUMINUS S I.O. Planning Department Project Manager: Satish	Project number 0 2163 <i>02253</i>	Engineering Review Status Date 15-APR-200	
	Luminus Document Number / Rev 0600 D01-E02	Requisition / P.O. Number Luminus Document Code(s)	Reviewed - No Comments <input type="checkbox"/> R Reviewed With Administrative <input type="checkbox"/> RN-1 Reviewed With Comments <input type="checkbox"/> RN-2 Rejected <input checked="" type="checkbox"/> RJ For information only <input checked="" type="checkbox"/> FI (By document <i>02253</i>) Equipment Tag Number(s) FD-43324/B

TAG No.: FD-4332 A/B

[illegible]

10
TOLL & KIRCH Solid Edge DIN A1 Q

Siemens AG
Energy Sector
Oil & Gas Division

Filter Zwischensperrgas (Stückliste)
INTERSTAGE SEAL GAS FILTER (PARTS LIST)

Siemens

Auftrag Nr.: DU312125700
Order No.:

Siemens

Kennwort: Pancevo
Code:

CB&I Lummus s.r.o



Pancevo Oil Refinery Modernization Project; Pancevo, Serbia		Project number: 0 2163		Engineering Review Status	
Lummus Document Number / Rev.		00174 0		Signed:	Date: 15-07-2010
Requisition / P.O. Number		0600		<input type="checkbox"/> R	Reviewed - No Comments
Lummus Document Code(s)		D01-EDL		<input type="checkbox"/> RN-1	Reviewed - With Administrative Comments only
Equipment Tag. Number(s)		FD-4332A/B		<input type="checkbox"/> RN-2	Reviewed - With Comments
				<input type="checkbox"/> RJ	Rejected
				<input checked="" type="checkbox"/> FI	For Information only
				<input type="checkbox"/> S	Superseded (by document)
				<input type="checkbox"/> FD	Final

-	-	18.06.2010	B&K	Niederw.	Änderungsbeschreibung Description of Change		
Index Revision	Blatt Sheet	Datum Date	erstellt drawn	geprüft review	freigegeben checked	Entstanden aus: Original of:	Klassifikation: Classification:
Klass.Nr.: Class.No.:		Format Size		Ident-Nummer/Unterlagen-Nummer Ident-Number/Document-Number			Index Revision
Dok.-Art: Doc.-Type:		A4		22937016			0
							Sprache Language
							Blatt Sheet
							1/6



DOCUMENTATION PARTS LIST

Date 21.06.10
Page 1

Document 203972
Description duplex filter
Auftragsartikelnr.: 3930519/1
BFD-P 100 250 02 DN1/2" Gas

Material VA/Stainless Steel
Assembly Z125282
Dimension drawing Z125282

Item	ID no.	Description	Qty Drawing	Unit
00001	6110185	housing BFD-P 100 250 Material 1.4404/SA-479-316L EN 10272 Approval 3.1B AD-W2 ASME Sec. II Part A Latest Edition and Addenda	1 Z112468	pcs.
00001	6110186	housing BFD-P 100 250 Material 1.4404/SA-479-316L EN 10272 Approval 3.1B AD-W2 ASME Sec. II Part A Latest Edition and Addenda	1 Z112467	pcs.
00002	6410165	cover BFD-P100 250 Material 1.4404/SA-479-316L EN 10272 Approval 3.1B AD-W2 ASME Sec. II Part A Latest Edition and Addenda	2 Z112489	pcs.
00004	2110022	hexagon nut M12 Material SA-194 Gr.8 SA-194 Approval 3.1B ASME SEC. II Part A Latest Edition and Addenda	8 DIN934	pcs.
00005	2010123	Stud M12x35 Material SA-193 Gr.B8 Cl.2 SA-193 Approval 3.1B	8 DIN939	pcs.
00006	126929	o-ring 50,0x3,50 Material Viton	2	pcs.
00007	3220002	supporting ring 50,6x56x1,4 Material PTFE-Weiss	2	pcs.
00008	5010656	Connection Piece BFB-P 100	2 Z110305	pcs.



DOCUMENTATION PARTS LIST

Date 21.06.10
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203972 duplex filter
BFD-P 100 250 02 DN1/2" Gas

Item	ID no.	Description	Qty Drawing	Unit
		Material	1.4571 X6CrNiMoTi17-12-2 EN 10088-1	
00009	2015718	stud bolt M10x20	4 DIN913	pcs.
		Material	1.4401 A4	
00011	2110029	hexagon nut M10	8 DIN934	pcs.
		Material	SA-194 Gr.8 SA-194	
		Approval	3.1B ASME SEC. II Part A Latest Edition and Addenda	
00012	2010194	stud M10x30	8 DIN939	pcs.
		Material	SA-193 Gr.B8 Cl.2 SA-193	
		Approval	3.1B ASME VIII/1 ACC. LAT. ED. LAT. AD.	
00014	1980064	Star Pleated Element 45x154 HF1-G MG-F I=>A	2 Z104572	pcs.
		Material	VA Glasfaser / SS/glass fibre	
00015	3030058	o-ring 24,9x3,53	6 2-214	pcs.
		Material	Viton	
00016	2110055	hexagon nut M8	16 DIN934	pcs.
		Material	SA-194 Gr.8 SA-194	
		Approval	3.1B ASME Sec. II Part A Latest Edition and Addenda	
00017	2010469	stud M8x25	16 DIN939	pcs.
		Material	SA-193 Gr.B8 Cl.2 SA-193	
		Approval	3.1B ASME VIII/1 ACC. LAT. ED. LAT. AD.	
00019	2510118	swagelok plug Typ:SS-8-P	4	pcs.
		Material	316	
00020	2110024	lifting eye nut M10	2 DIN582	pcs.
		Material	1.4301 X5CrNi18-10 EN 10088-1	
00023	2015718	stud bolt M10x20	2 DIN913	pcs.
		Material	1.4401 A4	



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Date 21.06.10
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203972 duplex filter
BFD-P 100 250 02 DN1/2" Gas

Item	ID no.	Description	Qty Drawing	Unit
00024	2610185	shut-off valve 1/2 NPT Zapfen/Muffe Material 316/316L/1.4404 Approval 3.1B Supplier SCHNEIDER NACE :MR-0175-2003 DIN EN ISO 15156 PN420 DN5	4	pcs.
00030	6210026	valve housing BFD-P DN20 Material 1.4571 X6CrNiMoTi17-12-2 EN 10088-1	2 Z112465	pcs.
00031	6810104	Approval 3.1B connecting housing BFD-P DN20 Material 1.4571 X6CrNiMoTi17-12-2 EN 10088-1	2 Z112466	pcs.
00032	152458	Approval 3.1B connection inlet/outlet SAE 13-NPT 1/2" Material 1.4571 X6CrNiMoTi17-12-2 EN 10272	2 Z114703	pcs.
00033	2010466	Approval 3.1B hexagon socket head cap screw M8x25 Material A4-70 EN ISO 3506	8 DIN912	pcs.
00035	3030062	Approval 3.1B AD-W2 o-ring 40,8x3,53 Material Viton	2 2-223	pcs.
00036	2310062	ball BFD-P DN20-L Material 1.4571 X6CrNiMoTi17-12-2 EN 10272	2 Z112469	pcs.
00040	5410079	selector shaft BFD-P DN20 Material 1.4571 X6CrNiMoTi17-12-2 EN 10272 DC	2 Z112472	pcs.
00041	3325681	flat gasket BFD-P25 Material PTFE	2 Z45074	pcs.
00042	3030012	o-ring 15,6x1,78 Material Viton	4 2-016	pcs.



DOCUMENTATION PARTS LIST

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203972 duplex filter
BFD-P 100 250 02 DN1/2" Gas

Item	ID no.	Description	Qty Drawing	Unit
00043	6910012	limiting sheet BFD-P DN20 Material 1.4571 X6CrNiMoTi17-12-2 EN 10028-7	2 Z112492	pcs.
00044	3520014	ball gasket BFD-P DN20 Material PTFE 25% Glasfaser	4 Z112470	pcs.
00045	2717705	thrust piece GN M4 Nr.65475400 Material VA/Stainless Steel Supplier MAEDLER	4	pcs.
00046	2216669	locking ring 18x1,2 Material VA/Stainless Steel	4 DIN471	pcs.
00047	2310065	straight grooved pin 6x14 Material VA/Stainless Steel	2 ISO8739	pcs.
00050	5610123	coupling piece BFD-P DN20 Material 1.4571 X6CrNiMoTi17-12-2 EN 10028-7	2 Z112498	pcs.
00051	2110018	hexagon nut M12 Material A4-70 EN ISO 3506	2 DIN934	pcs.
00052	5010657	Approval switch rod BFD-P DN20 Material 1.4571 X6CrNiMoTi17-12-2 EN 10272	1 Z112497	pcs.
00053	2702256	ball knob NLM 06250-14010 FS31 Supplier NORELEM	1	pcs.
00055	2513845	swagelok screwing Typ:SS-12MO-2-8 Winkel Material 316L Approval 3.1B	2	pcs.
00056	2510562	tube bend 90 12,0x2,0 Ermeto Material 1.4571 X6CrNiMoTi17-12-2 EN 10088-1 Supplier Ermeto	2 Z102577	pcs.
00057	2515418	swagelok screwing Typ:SS-12MO-1-8 Gerade Material 316L Approval 3.1B	2	pcs.
00058	2612595	shut-off valve 1/2 NPT Muffe/Muffe	1	pcs.



DOCUMENTATION PARTS LIST

Date 21.06.10
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203972 duplex filter
BFD-P 100 250 02 DN1/2" Gas

Item	ID no.	Description	Qty Drawing	Unit
		Material	1.4404 X2CrNiMo17-12-2 EN 10088-1	
		Approval	3.1B AD-W2	
		Supplier	SCHNEIDER	
00059	6710056	blind D=12,0xD=1,0	1 Z108706	pcs.
		Material	1.4571 X6CrNiMoTi17-12-2 EN 10088-1	
00060	9401690	type plate Nr.30882/02 deut./engl.	2 WN265.5.1	pcs.
		Material	VA/Stainless Steel	
00060	204566	nameplate Pancevo Oil Refinery	1 Z125282	pcs.
		Material	1.4301 X5CrNi18-10 EN 10088-1	
00061	2315518	half-round groove pin 4x6	8 EN ISO 8746	pcs.
		Material	1.4303 X4CrNi18-12 EN 10088-1	
00062	9800300	label: "inlet" Eintritt gelb	1 Z21410	pcs.
		Material	Laminat	
00063	9800301	label: "outlet" Austritt gelb	1 Z21411	pcs.
		Material	Laminat	

***** End of document *****