DES	SMET	- Ball	estra	1					N	Aaterial Req	35	REV: 1	15/11/2010						
PUMA5		1	5/11/	2010 15.48.5	4					_		DOC: 1E	235-65-1107						
		P	UMA	5	-						Ma	aterial Reques	st - Summary (1)		1	15/11/2010 15.48.54		
										11	E35 - SABIZ			,					
SubProject				Category o	f Good	<u> </u>									MR ID MI	R Number	MR Rev		
C97 / 1E35.65.1107				0101 / CAR			PIPE								1010 1E.	35.65.1107	1		
							Len.					ACTUAL			PREVIOUS	NE	NEED		
Mark		S1	S2	T1. T2 mm P.						Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	Qty	Quantity	Weight (Kg)		
Pipe ASME B36.10 PI	sch.40) Seam	less A	API 5L Gr.B					•										
576	mm	25 0 mm 3,38 0 F							m	2,00			2,00	5,00	2,00				
				TOTAL FOR COMPONENT							l .		,	5,00					
				IOIAL	FOR C	OMP	UNEN	1 (Kg	g) -	T	Total for negativ	e movement	-	То	tal for positive n				
Pipe SB-ATI-PT003/0	DI Wo	ldad Ea	410	1 VW IINI	5960											L			
•							0	D2		1,00			1,00	62,02	1,00				
583 587	mm	500 700		mm	5,0			P2 P2	m	45,00	4,00		49,00	5.111,28	· ·	36,00	3.755,22		
597	mm	1300		mm	6,0				m	4,00	4,00		4,00	777,68	6,50	-2,50	-486,05		
599	mm	1500		mm	6,0			P2		10,50	1,00		11,50	2.582,94	10,90	,60	134,76		
-				TOTAL	EOD (COMP	ONEN	T (K	(Kg) 8.53								3.403,94		
				IOIAL	FORC	JOMIT	ONEN	1 (17)							486,05 Total for positive movement +				
Pipe SB-ATI-PT002/0	PL We	lded Fe	360	B - UNI 7070)														
604	mm	400	0	mm	3,0		0	P2	m	29,30	3,00		32,30	963,95	26,00	6,30	188,01		
605	mm	450	0	mm	3,0				m	5,00	2,00		5,00	168,01	11,00	-6,00	-201,61		
606	mm	500	0	mm	3,0		0	P2	m	7,50	1,00		8,50	317,56	6,50	2,00	74,72		
615	mm	1000	0	mm	4,0		0	P2	m	10,50	1,00		11,50	1.147,97	13,00	-1,50	-149,74		
617	mm	1100	0	mm	4,0		0	P2	m	36,00	4,00		40,00	4.391,45	39,00	1,00	109,79		
621	mm	1500	0	mm	5,0		0	P2	m	25,00	2,00		27,00	5.056,90	27,00				
				TOTAL	FOR C	СОМРО	ONEN	T (Kg	g)					12.045,84		Г	21,17		
										7	Total for negativ	e movement	- 35	1,35 To	tal for positive n	novement +	372,52		
						TOT	AT 24	D (I						20.584,76			3.425,11		
						TOT	'AL M	K (K	g)	To	otal for negative	movement -	83		tal for positive m	ovement +	4.262,51		
															= = -,0 1				

DES	DESMET - Ballestra							Material Re	quest - Sumi	nary (1)		PROJ:	1E35		REV: 0	22/09/2010
PUMA5		2	22/09/	2010 10.17.10			•	•								
		F	UMA	5				Material Request - Summary (1)								22/09/2010 10.17.10
									1E35 - SABIZ							
SubProject	ubProject Category of Good												M	R ID M	R Number	MR Rev
C97 / 1E35.65.1107				0201 / CARBON	STEEL	FORC	GED FITT	INGS					10	40 1E	35.65.1107	0
						Len.			ACTUAL					IOUS	EED	
Mark		S1	S2	T1	. T2	mm	P.L. U.m	Take Off	Surplus	Manual	Tot Qty	Tot. W. (K	g) (Qty	Quantity	Weight (Kg)
Coupling SB-ATI-PRO	08/0 T	HRD-I	F NP	Γ 3000# Forged AS	TM A 10)5										
398	mm	15	0	mm		0	P2 NR	6,00	1,00		7,00		,84		7,00	,84
400	mm	25	0	mm		0	P2 NR	9,00	2,00		11,00	3	,30		11,00	3,30
				TOTAL FOR	COMP	ONEN	JT (Kg)					4	,14			4,14
				101112101		01121	(116)		Total for negative	ve movement	-		Total for p	4,14		
					TOT		(D. (IZ.)					4	,14			4,14
					101	AL N	IR (Kg)	ŗ	Fotal for negative	movement -			Total for p	ositive n	novement +	4,14

DE	SMET	- Ball	lestra	a		Material Request - Summary (1)									35	REV: 1	15/11/2010
PUMA5		1	5/11/	/2010 15.49.37	7						•		DOC:	1E3	35-65-1107		•
		P	UMA	5						N	Iaterial Reques				15/11/2010 15.49.37		
									1E	235 - SABIZ							
SubProject				Category of	f Good										MR ID MI	R Number	MR Rev
C97 / 1E35.65.1107				0301 / CAR	BON S	TEEL	BW F	TTTINGS							1070 1E3	35.65.1107	1
							Len.				ACTUAL				PREVIOUS	NE	EED
Mark		S1	S2		T1.	T2	mm	P.L. U.m	Take Off	Surplus	Manual	Tot Qty	Tot. W. (K	(g)	Qty	Quantity	Weight (Kg)
90° Miter SB-ATI-PC	2003/0 B	E Weld	ded F	e 410-1 KW -	UNI 58	69 R=	1.5 D										
1200	mm	700	0	mm	6,0		0	P2 NR	2,00			2,00	378	8,00	1,00	1,00	189,00
				TOTAL	FOR C	ОМР	ONEN	JT (Kø)					378	8,00			189,00
. <u> </u>				101112		01,11	01,21	(118)	T	otal for negati	ve movement	-		Tot	tal for positive n	novement +	189,00
90° Miter SB-ATI-PC	003/0 B	E Weld	ded F	e 360 B - UNI	7070 R	R=1.5 I)										
1218	mm	450	0	mm	3,0		0	P2 NR	2,00			2,00	71	1,40	2,00		
1228	mm	1000	0	mm	4,0		0	P2 NR	2,00			2,00	487	7,20	2,00		
1234	mm	1500	0	mm	5,0		0	P2 NR	2,00			2,00	1.349	-	2,00		
				TOTAL	FOR C	OMP	ONEN	NT (Kg)					1.908	8,50			
									T	otal for negati	ve movement	-		Tot	tal for positive n	novement +	
						тот	'AT N	IR (Kg)					2.286	6,50			189,00
						101	AL W	in (ing)	To	tal for negative	e movement -			Tot	189,00		

DE	DESMET - Ballestra							uest - Sumr	PROJ: 1E	35	REV: 1	15/11/2010					
PUMA5		1	5/11/2010 15.49.	59			•		•		DOC: 1E	235-65-1107	•	•			
		P	UMA5				Material Request - Summary (1)										
							1	E35 - SABIZ		, , ,	,		I				
SubProject C97 / 1E35.65.1107			Category 0401 / CA		TEEL FLAN	GES						MR ID MI	R Number 35.65.1107	MR Rev			
Mark		S1	S2	T1.	Len. T2 mm	P.L. U.m	Take Off	Surplus	ACTUAL Manual	Tot Qty	Tot. W. (Kg)	PREVIOUS Qty	NE Quantity	EED Weight (Kg)			
Flange Blind SB-ATI	I-PF008/	0 * SB-	ATI-PF008(125÷	250AAR	H) From Plat	e Fe 360 l	B - UNI 7070										
91	mm	400				P2 NR						1,00	-1,00	-17,70			
-			ТОТА	FORC	COMPONEN	T (Va)		<u> </u>	l_					-17,70			
			IOIA	LIOKC	UMPUNEN	I (Kg)	,	Fotal for negativ	e movement	- 1	7,70 To	tal for positive n	novement +				
Flange Slip-On UNI	6082 PN	2.5 UN	II 2229 (125÷250	AARH)	Forged ASTN	M A 105											
167	mm	400	0 mm		0	P2 NR	8,00			8,00	126,40		8,00	126,40			
	TOTAL FOR COMPONENT					T (Kg)			·		126,40			126,40			
			10111	TORC	OMI ONEN	i (ixg)	•	Fotal for negativ	e movement	To	otal for positive n	novement +	126,40				
Flange Slip-On SB-A	ATI-PF00	1/0 * S	B-ATI-PF001(12	5÷250AA	ARH) From Pl	late Fe 36	0 B - UNI 7070										
179	mm	400	0 mm		0	P2 NR	5,00			5,00		1,00	4,00				
181	mm	500	0 mm		0	P2 NR	3,00			3,00		1,00	2,00				
196	mm	1500	0 mm		0	P2 NR	1,00			1,00			1,00				
			TOTAL	L FOR C	COMPONEN	T (Kg)	,	Fotal for mogativ			То	tal fam magitiwa n	mayamant .				
								Fotal for negativ	e movement	•	10	otal for positive n	novement +				
Flange Slip-On SB-A	ATI-PF00	1/0 * S	B-ATI-PF001(12	5÷250AA	ARH) From Pl	late Fe 51	0-C UNI 7070										
203	mm	700				P2 NR	2,00			2,00		2,00					
213	mm	1300				P2 NR	2,00			2,00		2,00					
215	mm	1500	0 mm		0	P2 NR	5,00			5,00		5,00					
			TOTAL	L FOR C	COMPONEN	T (Kg)		Fotal for negativ	e movement	-	To	tal for positive n	novement +				
					TOTAL M	MP (Va)					126,40	126,40					
					IOIALM	in (ing)	T	otal for negative	movement -	7,70 To	novement +	126,40					

DE	DESMET - Ballestra								Material Requ	uest - Sumn	PROJ: 1E	35	REV: 1	15/11/2010				
PUMA5		1	5/11/2	2010 15.50.27							•		DOC: 1E	35-65-1107	•	•		
		P	UMA5	1						Ma	aterial Reques	st - Summary (1)			15/11/2010 15.50.27		
									1E	35 - SABIZ								
SubProject				Category of	Good									MR ID M	R Number	MR Rev		
C97 / 1E35.65.1107	0601 / BOLT	S									1130 1E	35.65.1107	1					
]	Len.				ACTUAL			PREVIOUS	NE	EED		
Mark		S1	S2		T1.	T2	mm	P.L. U.m	Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	Qty	Quantity	Weight (Kg)		
Stud Bolt + 2 Nuts SI	B-ATI-P	V008B	/0 AS	ME B18.2.1 U	NC/2.2	Tab.9	AST	M A 193	B7 / A 194 Gr.2H									
1589	mm	M12	0	mm			55	P2 NR	32,00	5,00		37,00	2,96	37,00				
1593	mm	M16	0	mm			65	P2 NR	264,00	13,00		277,00	52,63	277,00				
				TOTAL F	OR CO	мро	NEN	T (Kg)					55,59					
				1011121	on co		11211	1 (119)	T	otal for negativ	e movement	-	То	tal for positive r	novement +			
Machine Bolt + 1 Nu	t SB-AT	T-PV00	8A/0	- UNI 5727 + I	UNI 559	2 4.6	UNI 3	3740 + 4	A UNI 3740									
1614	mm	M10	0	mm			30	P2 NR	96,00	14,00		110,00	4,40	29,00	81,00	3,24		
1627	mm	M16	0	mm			40	P2 NR	40,00	8,00		48,00	7,68		48,00	7,68		
1639	mm	M20	0	mm			70	P2 NR	128,00	13,00		141,00	50,76		141,00	50,76		
				TOTAL F	OR CO	MPO	NEN	Τ (Κσ)					62,84			61,68		
				1011121	OR 00			1 (116)	T	otal for negativ	e movement	-	То	tal for positive r	movement +	61,68		
					,	тот	1 N/	R (Kg)					118,43			61,68		
						IOIA	AL IVI	K (Kg)	To	tal for negative	movement -		Tot	Total for positive movement +				

DES	DESMET - Ballestra							Iaterial Req	uest - Sumn	PROJ: 1E	35	REV: 1	15/11/2010				
PUMA5		1	5/11/	2010 15.51.28								DOC: 1E	35-65-1107				
		P	UMA:	5					Ma			15/11/2010 15.51.28					
								1E	35 - SABIZ			,		L			
SubProject				Category of Good									MR ID M	R Number	MR Rev		
C97 / 1E35.65.1107				0701 / GASKETS									1140 1E	235.65.1107	1		
						Len.				ACTUAL			PREVIOUS	NE	EED		
Mark		S1	S2	T1.	T2	mm P	P.L. U.m	Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	Qty	Quantity	Weight (Kg)		
Gasket SB-ATI-PV009	0/1 * S	B-ATI-I	PF001	1(125÷250AARH)_	A9D I	FLAT-RI	NG										
258	mm	700	0	mm		0	P2 NR	2,00	2,00		4,00		4,00				
268	mm	1300	0	mm		0	P2 NR	2,00	2,00		4,00		4,00				
270	mm	1500	0	mm		0	P2 NR	5,00	5,00		10,00		10,00				
				TOTAL FOR (СОМР	ONENT	(Kg)										
								Т	otal for negative	e movement -	To	tal for positive 1	novement +				
Gasket SB-ATI-PV009)/1 * Sl	B-ATI-I	PF001	1(125÷250AARH)_	A9C F	FLAT-RI	NG										
282	mm	400	0	mm		0	P2 NR	5,00	5,00		10,00		2,00	8,00			
284	mm	500	0	mm		0	P2 NR	3,00	3,00		6,00		2,00	4,00			
299	mm	1500	0	mm		0	P2 NR	1,00	1,00		2,00			2,00			
				TOTAL FOR O	СОМР	ONENT	(Kg)										
								Т	otal for negative	e movement -		То	tal for positive 1	novement +			
Gasket SB-ATI-PV009	/1 PN	2.5 UN	I 222	3/2229 _ B2C FLAT													
341	mm	400	0	mm		0	P2 NR	8,00	5,00		13,00			13,00			
				TOTAL FOR O	СОМР	ONENT	(Kg)										
								Т	otal for negative	e movement -		To	tal for positive 1	novement +			
					TO	TAI ME	(V)										
					10	TAL MR	(Kg)	To	tal for negative	movement -		То	Total for positive movement +				