

DESMET - Ballestra		Material Request - Summary (1)	PROJ:	1E35	REV:	1	15/11/2010
PUMA5	15/11/2010 15.48.54		DOC:	1E35-65-1107			

PUMA5	Material Request - Summary (1)	15/11/2010 15.48.54
1E35 - SABIZ		

SubProject	Category of Good	MR ID	MR Number	MR Rev
C97 / 1E35.65.1107	0101 / CARBON STEEL PIPE	1010	1E35.65.1107	1

Mark	S1	S2	T1.	T2	Len. mm	P.L.	U.m	Take Off	Surplus	ACTUAL Manual	Tot Qty	Tot. W. (Kg)	PREVIOUS Qty	NEED Quantity	Weight (Kg)
Pipe ASME B36.10 PL sch.40 Seamless API 5L Gr.B															
576	mm	25	0	mm	3,38	0	P2	m	2,00		2,00	5,00	2,00		
TOTAL FOR COMPONENT (Kg)												5,00			
Total for negative movement -													Total for positive movement +		

Pipe SB-ATI-PT003/0 PL Welded Fe 410-1 KW - UNI 5869

583	mm	500	0	mm	5,0	0	P2	m	1,00		1,00	62,02	1,00		
587	mm	700	0	mm	6,0	0	P2	m	45,00	4,00	49,00	5.111,28	13,00	36,00	3.755,22
597	mm	1300	0	mm	6,0	0	P2	m	4,00		4,00	777,68	6,50	-2,50	-486,05
599	mm	1500	0	mm	6,0	0	P2	m	10,50	1,00	11,50	2.582,94	10,90	,60	134,76
TOTAL FOR COMPONENT (Kg)												8.533,91			
Total for negative movement -												486,05	Total for positive movement +		

Pipe SB-ATI-PT002/0 PL Welded 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	0	P2	m	5,00		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 COMPONENT (Kg)												12.045,84			
Total for negative movement -												351,35	Total for positive movement +		
TOTAL MR (Kg)												20.584,76			
Total for negative movement -												837,39	Total for positive movement +		

DESMET - Ballestra		Material Request - Summary (1)	PROJ:	1E35	REV:	0	22/09/2010
PUMA5	22/09/2010 10.17.10		DOC:	1E35-65-1107			
PUMA5		Material Request - Summary (1)					22/09/2010 10.17.10
1E35 - SABIZ							

SubProject	Category of Good	MR ID	MR Number	MR Rev
C97 / 1E35.65.1107	0201 / CARBON STEEL FORGED FITTINGS	1040	1E35.65.1107	0

Mark	S1	S2	T1.	T2	Len.			Take Off	Surplus	ACTUAL			PREVIOUS Qty	NEED		
					mm	P.L.	U.m			Manual	Tot Qty	Tot. W. (Kg)		Quantity	Weight (Kg)	
Coupling SB-ATI-PR008/0 THRD-F NPT 3000# Forged ASTM A 105																
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 COMPONENT (Kg)										4,14				4,14
									Total for negative movement			-		Total for positive movement		
		TOTAL MR (Kg)										4,14				4,14
									Total for negative movement			-		Total for positive movement		

DESMET - Ballestra		Material Request - Summary (1)	PROJ:	1E35	REV:	1	15/11/2010
PUMA5	15/11/2010 15.49.37		DOC:	1E35-65-1107			

PUMA5	Material Request - Summary (1)	15/11/2010 15.49.37
1E35 - SABIZ		

SubProject	Category of Good	MR ID	MR Number	MR Rev
C97 / 1E35.65.1107	0301 / CARBON STEEL BW FITTINGS	1070	1E35.65.1107	1

Mark	S1	S2	Len.					Take Off	Surplus	ACTUAL			PREVIOUS Qty	NEED		
			T1.	T2	mm	P.L.	U.m			Manual	Tot Qty	Tot. W. (Kg)		Quantity	Weight (Kg)	
90° Miter SB-ATI-PC003/0 BE Welded Fe 410-1 KW - UNI 5869 R=1.5 D																
1200	mm	700	0	mm	6,0	0	P2	NR	2,00			2,00	378,00	1,00	1,00	189,00
		TOTAL FOR COMPONENT (Kg)											378,00			189,00
									Total for negative movement -					Total for positive movement +		

90° Miter SB-ATI-PC003/0 BE Welded Fe 360 B - UNI 7070 R=1.5 D																		
1218	mm	450	0	mm	3,0	0	P2	NR	2,00				2,00	71,40	2,00			
1228	mm	1000	0	mm	4,0	0	P2	NR	2,00				2,00	487,20	2,00			
1234	mm	1500	0	mm	5,0	0	P2	NR	2,00				2,00	1.349,90	2,00			
													1.908,50					
									Total for negative movement -					Total for positive movement +				
													TOTAL MR (Kg)				189,00	
									Total for negative movement -					Total for positive movement +				189,00

DESMET - Ballestra		Material Request - Summary (1)	PROJ:	1E35	REV:	1	15/11/2010
PUMA5	15/11/2010 15.49.59		DOC:	1E35-65-1107			

PUMA5	Material Request - Summary (1)	15/11/2010 15.49.59
1E35 - SABIZ		

SubProject	Category of Good	MR ID	MR Number	MR Rev
C97 / 1E35.65.1107	0401 / CARBON STEEL FLANGES	1090	1E35.65.1107	1

Mark	S1	S2	T1.	T2	Len. mm	P.L.	U.m	Take Off	Surplus	ACTUAL Manual	Tot Qty	Tot. W. (Kg)	PREVIOUS Qty	NEED Quantity	Weight (Kg)
Flange Blind SB-ATI-PF008/0 * SB-ATI-PF008(125÷250AARH) From Plate Fe 360 B - UNI 7070															
91	mm	400	0	mm	0	P2	NR						1,00	-1,00	-17,70
								TOTAL FOR COMPONENT (Kg)							
												Total for negative movement -	17,70	Total for positive movement +	

Flange Slip-On UNI 6082 PN 2.5 UNI 2229 (125÷250 AARH) Forged ASTM A 105															
167	mm	400	0	mm	0	P2	NR	8,00			8,00	126,40		8,00	126,40
								TOTAL FOR COMPONENT (Kg)				126,40			
												Total for negative movement -		Total for positive movement +	126,40

Flange Slip-On SB-ATI-PF001/0 * SB-ATI-PF001(125÷250AARH) From Plate Fe 360 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 FOR COMPONENT (Kg)							
												Total for negative movement -		Total for positive movement +	

Flange Slip-On SB-ATI-PF001/0 * SB-ATI-PF001(125÷250AARH) From Plate Fe 510-C UNI 7070															
203	mm	700	0	mm	0	P2	NR	2,00			2,00		2,00		
213	mm	1300	0	mm	0	P2	NR	2,00			2,00		2,00		
215	mm	1500	0	mm	0	P2	NR	5,00			5,00		5,00		
								TOTAL FOR COMPONENT (Kg)							
												Total for negative movement -		Total for positive movement +	
								TOTAL MR (Kg)				126,40			
												Total for negative movement -	17,70	Total for positive movement +	126,40

DESMET - Ballestra		Material Request - Summary (1)	PROJ:	1E35	REV:	1	15/11/2010
PUMA5	15/11/2010 15.50.27		DOC:	1E35-65-1107			

PUMA5	Material Request - Summary (1)	15/11/2010 15.50.27
1E35 - SABIZ		

SubProject	Category of Good	MR ID	MR Number	MR Rev
C97 / 1E35.65.1107	0601 / BOLTS	1130	1E35.65.1107	1

Mark	S1	S2	T1.	T2	Len.			Take Off	Surplus	ACTUAL		Tot Qty	Tot. W. (Kg)	PREVIOUS	NEED		
					mm	P.L.	U.m			Manual				Qty	Quantity	Weight (Kg)	
Stud Bolt + 2 Nuts SB-ATI-PV008B/0 ASME B18.2.1 UNC/2.2 Tab.9 ASTM 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 FOR COMPONENT (Kg)											55,59				
									Total for negative movement -					Total for positive movement +			

Machine Bolt + 1 Nut SB-ATI-PV008A/0 - UNI 5727 + UNI 5592 4.6 UNI 3740 + 4A 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 FOR COMPONENT (Kg)								62,84			61,68
								Total for negative movement -					Total for positive movement +		61,68
				TOTAL MR (Kg)								118,43			61,68
								Total for negative movement -					Total for positive movement +		61,68

DESMET - Ballestra		Material Request - Summary (1)	PROJ:	1E35	REV:	1	15/11/2010
PUMA5	15/11/2010 15.51.28		DOC:	1E35-65-1107			

PUMA5	Material Request - Summary (1)	15/11/2010 15.51.28
1E35 - SABIZ		

SubProject	Category of Good	MR ID	MR Number	MR Rev
C97 / 1E35.65.1107	0701 / GASKETS	1140	1E35.65.1107	1

Mark	S1	S2	T1.	T2	Len. mm	P.L.	U.m	Take Off	Surplus	ACTUAL Manual	Tot Qty	Tot. W. (Kg)	PREVIOUS Qty	NEED Quantity	Weight (Kg)
Gasket SB-ATI-PV009/1 * SB-ATI-PF001(125÷250AARH) _ A9D FLAT-RING															
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 COMPONENT (Kg)								Total for negative movement -					Total for positive movement +		

Gasket SB-ATI-PV009/1 * SB-ATI-PF001(125÷250AARH) _ A9C FLAT-RING															
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 COMPONENT (Kg)								Total for negative movement -					Total for positive movement +		

Gasket SB-ATI-PV009/1 PN 2.5 UNI 2223/2229 _ B2C FLAT															
341	mm	400	0		mm		0 P2 NR	8,00	5,00		13,00			13,00	
TOTAL FOR COMPONENT (Kg)								Total for negative movement -					Total for positive movement +		
TOTAL MR (Kg)								Total for negative movement -					Total for positive movement +		