	SIVIE I	' - Bal	iestra	l				Material Red	quest - Sumi	mary (1)		PROJ: 1E	235	<b>REV:</b> 1	15/11/2010
PUMA5		1	15/11/2	2010 15.33.2	13							DOC: 1E	E35-65-1105		•
		P	UMA5	5					M	Iaterial Request	- Summary (1	1)			15/11/2010 15.33.23
								1	E35 - SABIZ						
SubProject				Category o	of Good								MR ID M	R Number	MR Rev
P95 / 1E35.65.1105				0101 / CAF	RBON S	TEEL PIPE							1010 1E	35.65.1105	1
						Len.				ACTUAL			PREVIOUS	NE	EED
Mark		S1	S2		T1.	T2 mm	P.L. U.1	n Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	Qty	Quantity	Weight (Kg)
Pipe ASME B36.10 B	E E.R.V	W. API	5L Gr	:.B											
544	mm	80	0	mm	3,18	0	P1 r	n 20,00	2,00		22,00	147,89	22,00		
545	mm	100	0	mm	3,18	0	P1 r	n 67,00	7,00		74,00	644,83		74,00	644,83
546	mm	125	0	mm	3,96	0	P1 r	n 201,00	10,00		211,00	2.829,88	214,00	-3,00	-40,24
547	mm	150	0	mm	3,96	0	P1 r	n 313,50	16,00		329,50	5.287,94	242,50	87,00	1.396,21
				TOTAL	FOR C	OMPONE	NT ( <b>Κ</b> σ)					8.910,54			2.000,80
				101112	TORC	OMI ONE	(116)		Total for negati	ve movement -	4	0,24 To	otal for positive r	novement +	2.041,04
Pipe ASME B36.10 P	L Seam	less AS	STM A	106 Gr. B											
553	mm	15	0	mm	2,77	0	P1 r	n ,30			,30	,38	,30		
555	mm	25	0	mm	3,38	0	P1 r	n 3,00			3,00	7,51	3,00		
557	mm	40	0	mm	3,68	0	P1 r	n					1,00	-1,00	-4,05
558	mm	50	0	mm	3,91	0	P1 r	n ,50			,50	2,72	,50		
561	mm	100	0	mm	6,02	0	P1 r	n 28,00	3,00		31,00	498,31	45,00	-14,00	-225,04
563	mm	150	0	mm	10,97	0	P1 r	n 37,00	4,00		41,00	1.745,00	34,50	6,50	276,65
				TOTAL	FOR C	OMPONE	NT (Kg)					2.253,91			47,55
							. (8)		Total for negati	ve movement -	22	9,09 To	otal for positive r	novement +	276,65
Pipe ASME B36.10 P	L E.R.V	V. API	5L Gr	.В											
565	mm	80	0	mm	3,18	0	P1 r	n 31,00	3,00		34,00	228,55	46,00	-12,00	-80,66
566	mm	100	0	mm	3,18	0	P1 r	n 2,00			2,00	17,43	1,00	1,00	8,71
568	mm	150	0	mm	3,96	0	P1 r	n 25,50	3,00		28,50	457,38	9,00	19,50	312,94
				TOTAL	FOR C	OMPONE	NT (Kg)					703,36			240,99
				101111		OHI OHE	·- (**§)		Total for negati	ve movement -	8	0,66 To	otal for positive r	novement +	321,66

		P	UMA	.5							]	Material Reque	est - S	Summary (1	1)			15/11/2010 15.33.23
										1	E35 - SABIZ							
SubProject				Category o	f Good											MR ID M	R Number	MR Rev
P95 / 1E35.65.1105				0101 / CAF	RBON ST	ΓEEL	PIPE									1010 1H	35.65.1105	1
							Len.					ACTUAL				PREVIOUS	NI	EED
Mark		S1	S2		T1.	T2	mm	P.L. U	J.m	Take Off	Surplus	Manual		Tot Qty	Tot. W. (Kg)	Qty	Quantity	Weight (Kg)
Pipe ASME B36.10 P	L sch.4	0 Seam	less A	API 5L Gr.B														
574	mm	15	0	mm	2,77		0	P1	m	3,20				3,20	4,05	3,20		
				TOTAL	FOR C	ОМР	ONE	NT (Ko	0						4,05			
				101112	10110	01.11	0112	.,- (			Total for negat	tive movement	-		То	tal for positive	movement +	
Pipe SB-ATI-PT002/0	PL W	elded Fe	e 360	B - UNI 7070	)													
600	mm	200	0	mm	3,0		0	P1	m	39,00	4,00			43,00	687,44	12,00	31,00	495,60
602	mm	300	0	mm	3,0		0	P1	m	10,50	1,00			11,50	272,93	4,50	7,00	166,13
				TOTAL	FOR C	ОМР	ONE	NT (Kg	9)						960,37			661,73
								··- ( <b>e</b>	,	ı	Total for negat	tive movement	-		То	tal for positive	movement +	661,73
						тол	CAT N	MR (Kg							12.832,23			2.951,08
						101	IAL N	VIK (Kg	5)	Т	otal for negati	ve movement	-	34	9,99 To	tal for positive	novement +	3.301,07

DESI	MET	- Ball	estra	a			I	Material Re	quest - Sum	mary (1)		PROJ:	1E35	<b>REV:</b> 0	22/09/2010
PUMA5		2	2/09/	2010 10.00.39					_	-		DOC:	1E35-65-1105		
		P	UMA	5					N	Iaterial Reques	st - Summary (	1)			22/09/2010 10.00.39
								1	IE35 - SABIZ						
SubProject				Category of C	Good								MR ID	MR Number	MR Rev
P95 / 1E35.65.1105				0201 / CARBO	ON STEEL	FOR	GED FITT	INGS					1040	1E35.65.1105	0
						Len.				ACTUAL			PREVIOUS	NE	ED
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-PR00	08/0 TI	HRD-F	NP	Γ 3000# Forged .	ASTM A 1	05									
398	mm	15	0	mm		0	P1 NR	2,00			2,00		,24	2,00	,24
				TOTAL FO	OR COMP	ONE	NT (Kg)						,24		,24
				TOTALIO	ok com	OTTE	(IIg)		Total for negati	ve movement	-		Total for positive	e movement +	,24
					тот		MD (IZ=)						,24		,24
					101	IAL	MR (Kg)	7	Total for negative	e movement -			Total for positive	e movement +	,24

D	ESMET	' - Ball	lestra	ļ				N	Aaterial Requ	iest - Sumn	nary (1)		PROJ:	1E35	<b>REV:</b> 1	15/11/2010
PUMA5		1	15/11/2	2010 15.35.3	6								DOC:	1E35-65-1105		
		P	UMA5	;						Ma	aterial Request	- Summary (	1)			15/11/2010 15.35.36
									1E.	35 - SABIZ		•			•	
SubProject				Category o	f Good									MR ID M	R Number	MR Rev
P95 / 1E35.65.1105				0301 / CAR	RBON S	TEEL E	BW F	TTTINGS						1070 1E	235.65.1105	1
							Len.				ACTUAL			PREVIOUS	NI	EED
Mark		S1	S2		T1.	T2	mm	P.L. U.m	Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg	) Qty	Quantity	Weight (Kg)
45° Elbow Long Rad	dius ASM	IE B16	.9 BE	E.R.W. AST	M A 23	4 Gr. W	PΒ									
24	mm	80	0	mm	3,18		0	P1 NR	1,00			1,00		60	1,00	,60
27	mm	150	0	mm	3,96		0	P1 NR	5,00	1,00		6,00	17,	1,00	5,00	14,26
				TOTAL	FOR C	ОМРО	NFN	JT (Kg)			·		17,	71		14,86
				TOTAL	TORC	OMIO	11121	(I (IXg)	To	otal for negativ	e movement -			Total for positive	movement +	14,86
90° Elbow Long Rad	dius ASM	IE B16	.9 BE	E.R.W. AST	M A 23	4 Gr. W	ΈΒ									
58	mm	80	0	mm	3,18		0	P1 NR	4,00	1,00		5,00	5,	88 1,00	4,00	4,71
59	mm	100	0	mm	3,18		0	P1 NR	1,00			1,00	2,	07	1,00	2,07
61	mm	150	0	mm	3,96		0	P1 NR	4,00	1,00		5,00	28,	31	5,00	28,31
				TOTAL	FOR C	ОМРО	NEN	NT (Kg)					36,	26		35,09
				-				. (8)	To	otal for negativ	e movement -			Total for positive	movement +	35,09
90° Elbow Long Rac	dius ASM	IE B16	.9 BE	Wrought S A	STM A	234 Gr	. WP	B								
66	mm	25	0	mm	3,38		0	P1 NR	3,00	1,00		4,00		54 4,00		
72	mm	100	0	mm	6,02		0	P1 NR	6,00	1,00		7,00	27,	39 15,00	-8,00	-31,30
74	mm	150	0	mm	10,97		0	P1 NR	8,00	1,00		9,00	141,	18 9,00		
				TOTAL	FOR C	ОМРО	NEN	IT (Kg)					169,	12		-31,30
				101112	10110	01,11	. ,	(118)	To	otal for negativ	e movement -	3	1,30	Total for positive	movement +	
Reducer Concentric	ASME B	16.9 B	E E.R.	.W. ASTM A	234 Gr	. WPB										
641	mm	125	100	mm	3,96	3,18	0	P1 NR	5,00	1,00		6,00	10,	45	6,00	10,45
645	mm	150	125	mm	3,96	3,96	0	P1 NR	4,00	1,00		5,00	10,		5,00	10,89
				TOTAL	FOR C	OMPO	NEN	VT (Kg)					21,	34		21,34
								. 6/	To	otal for negativ	e movement -			Total for positive	movement +	21,34

		P	UMA5								Material Request	- Summary (	1)			15/11/2010 15.35.36
									1E.	35 - SABIZ						
SubProject P95 / 1E35.65.110	05			Category (			BW F	ITTINGS						MR ID M	R Number	MR Rev
1737 1233.03.110				00017 012				1			ACCETTAT					
Mark		S1	S2		T1.	<b>T2</b>	Len. mm	P.L. U.m	Take Off	Surplus	ACTUAL Manual	Tot Qty	Tot. W. (Kg)	PREVIOUS Qty	Quantity	EED Weight (Kg)
Reducer Concentr	ric ASME B	16.9 B	E Wrou	ght S AST	M A 23	34 Gr. W	VРВ									
690	mm	150	100	mm	10,97	6,02	0	P1 NR	3,00			3,00	18,10	3,00		
				TOTAL	FOR	СОМРО	ONEN	T (Kg)					18,10			
								. (8)	To	otal for nega	tive movement -		То	tal for positive r	novement +	
Reducer Concentr	ric SB-ATI-l	PR005/	0 BE W	elded Fe 3	860 B -	UNI 707	70									
761	mm	200	125	mm	3,0	3,96	0	P1 NR	2,00			2,00		1,00	1,00	
				TOTAL	FOR	COMP	ONEN	T (Kg)								
								. (8)	To	otal for nega	tive movement -		То	tal for positive r	novement +	
Reducer Eccentric	c ASME B1	6.9 BE	Wroug	ht S ASTM	I A 234	Gr. WF	PB									
1933	mm	150	100	mm	10,97	6,02	0	P1 NR	1,00			1,00	6,03		1,00	6,03
				TOTAL	FOR	СОМРО	ONEN	T (Kg)					6,03			6,03
								. (8)	To	otal for nega	tive movement -		То	tal for positive r	novement +	6,03
Reducer Eccentric	c SB-ATI-PI	R005/0	BE We	lded Fe 36	0 B - U	NI 7070	C									
975	mm	300	200	mm	3,0	3,0	0	P1 NR	1,00			1,00	4,74		1,00	4,74
				TOTAL	FOR	COMP	ONEN	T (Kg)					4,74			4,74
								. (8)	To	otal for nega	tive movement -		То	tal for positive r	novement +	4,74
90° Miter SB-ATI	I-PC003/0 E	BE Weld	ded Fe	360 B - UN	NI 7070	R=1.5 I	D									
1213	mm	200	0	mm	3,0		0	P1 NR	3,00			3,00	22,50		3,00	22,50
				TOTAL	FOR	СОМРО	ONEN	T (Kg)					22,50			22,50
								·- ( <b>8</b> )	To	otal for nega	tive movement -		То	tal for positive r	novement +	22,50
45° Miter SB-ATI	I-PC003/0 E	BE Weld	ded Fe	360 B - UN	NI 7070	R=1.5 I	D									
1326	mm	200	0	mm	3,0		0	P1 NR	10,00	1,00		11,00	44,88		7,00	28,56
				TOTAL	FOR	СОМРО	ONEN	T (Kg)					44,88			28,56
									To	otal for nega	tive movement -		То	tal for positive 1	novement +	28,56

		F	UMA5								Material Reque	st - Summary (	1)			15/11/2010 15.35.30
									1E	35 - SABIZ						
<b>SubProject</b> P95 / 1E35.65.110	5			Category o			BW FI	TTINGS						<b>MR ID</b> M	R Number 35.65.1105	MR Rev
Mark		S1	S2		T1.	T2	Len. mm	P.L. U.m	Take Off	Surplus	ACTUAL Manual	Tot Qty	Tot. W. (Kg)	PREVIOUS Qty	NI Quantity	EED Weight (Kg)
Elbow a=5° SB-AT	T-PC005/0	BW S	eamles	ss API 5L Gr	.B R=2	000mn	ı									
1434	mm	125	0	mm	3,96		0	P1 NR	1,00			1,00	1,82	1,00		
				TOTAL	FOR (	COMP	ONEN'	T (Kg)	т	otal for negat	ive movement	_	1,82	otal for positive r	novement ±	
									1	otal for negat	ive movement	-	10	otal for positive i	novement +	
Elbow a=5° SB-A7						500mn		F								
1443	mm	125	0	mm	3,96		0	P1 NR	1,00			1,00	1,82			
				TOTAL	FOR (	COMP	ONEN'	T (Kg)		. 16 .	•		1,82			
									T	otal for negat	tive movement	-	10	otal for positive r	novement +	
Elbow a=10° SB-A	TI-PC005	0 BW	Seamle	ess API 5L C	Gr.B R=	2000m	m									
1462		125			3,96			P1 NR	6,00	1,00		7,00	12,75		7,00	,
1463	mm	150	0	mm	3,96		0	P1 NR	4,00	1,00		5,00	10,89	,	4,00	8,7
				TOTAL	FOR (	COMP	ONEN'	T (Kg)	т	otal for negat	ive movement		23,64	tal for positive 1	novomont	21,4
										otai for negat	ive movement	-	10	otal for positive i	novement +	21,40
Elbow a=15° SB-A	TI-PC005	0 BW	Seamle	ess API 5L C	Gr.B R=	2000m	m	_								
1481	mm	150	0	mm	3,96		0	P1 NR						1,00	-1,00	
				TOTAL	FOR (	COMP	ONEN'	T (Kg)								-2,1
									Т	otal for negat	tive movement	-	2,18 To	otal for positive 1	novement +	
Elbow a=45° SB-A	TI-PC005	0 BW	Seamle	ess API 5L C	6r.B R=	2000m	m									
1514	mm	80	0	mm	3,18		0	P1 NR						5,00	-5,00	-4,6
1516	mm	125	0		3,96			P1 NR	16,00	2,00		18,00	32,79		-3,00	-5,4
1517	mm	150	0	mm	3,96		0	P1 NR	29,00	4,00		33,00	71,87		1,00	2,1
				TOTAL	FOR (	COMP	ONEN'	T (Kg)	т	otal for negat	tive movement	_	104,66 10,08 To	otal for positive r	novomont	-7,9
									1	otai for negat	ive movement	-	10,08	mai for positive i	novement +	2,18

		P	UMA	5						Aaterial Request	- Summary (	(1)			15/11/2010 15.35.36
								1E3	35 - SABIZ						
SubProject				Category o	of Good								MR ID M	R Number	MR Rev
P95 / 1E35.65.1105				0301 / CAR	RBON S	TEEL BW F	ITTINGS						1070 1E	35.65.1105	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)
Elbow a=45° SB-AT	I-PC005	0 BW	Seam	less API 5L C	Gr.B R=	1500mm									
1523	mm	80	0	mm	3,18	0	P1 NR	2,00			2,00	1,84		2,00	1,84
1525	mm	125	0	mm	3,96	0	P1 NR	5,00	1,00		6,00	10,93	3,00	3,00	5,46
				TOTAL	FOR C	OMPONEN	JT ( <b>K</b> σ)					12,77			7,31
				TOTAL	TORC		(119)	To	otal for negati	ive movement -		То	tal for positive r	novement +	7,31
Elbow a=90° SB-AT	I-PC005	0 BW	Seam	less API 5L C	Gr.B R=2	2000mm									
1544	mm	80	0	mm	3,18	0	P1 NR						7,00	-7,00	-6,46
				тотат	FOR C	OMPONEN	JT (Kg)	<u>.</u>	·						-6,46
				TOTAL	TORC	OMI ONE	(I (IXg)	To	otal for negati	ive movement -		6,46 To	tal for positive r	novement +	
Elbow a=90° SB-AT	I-PC005	0 BW	Seam	less API 5L C	Gr.B R=	1500mm									
1550	mm	80	0	mm	3,18	0	P1 NR	2,00			2,00	1,84		2,00	1,84
-				ТОТАТ	FOR C	OMPONEN	JT (Kg)	<u> </u>				1,84			1,84
				TOTAL	TORC	OMI ONEN	11 (Mg)	To	otal for negati	ive movement -		То	tal for positive r	novement +	1,84
						TOTAL M	ID (Va)		<u> </u>		<u> </u>	487,26			115,91
						IUIAL M	ik (kg)	Tot	al for negativ	e movement -		50,01 To	tal for positive n	novement +	165,92

DI	ESMET	' - Ball	estra	ı				N	Material Red	quest - Sur	nmary (1)		PROJ: 1E	35	<b>REV:</b> 1	15/11/2010
PUMA5		1	5/11/	2010 15.36.06						-	•		DOC: 1E	35-65-1105	•	•
		P	UMA:	5							Material Reque	est - Summary (	1)		1	5/11/2010 15.36.06
								•	1	E35 - SABIZ	•		` '		<b>I</b>	
SubProject				Category of Go	od									MR ID MI	R Number	MR Rev
P95 / 1E35.65.1105				0401 / CARBO	N ST	TEEL FI	LANC	GES						1090 1E	35.65.1105	1
						I	en.				ACTUAL			PREVIOUS	NE	ED
Mark		S1	S2	T	1.	T2 1	mm I	P.L. U.m	Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	Qty	Quantity	Weight (Kg)
Flange Slip-On ASM	IE B16.5	600 LE	B LM	(125÷250 AARH	) Fo	rged AS	STM A	A 105								
134	mm	15	0	mm			0	P1 NR	4,00	1,00		5,00	4,00	5,00		
136	mm	25	0	mm			0	P1 NR	6,00	1,00		7,00	11,20	7,00		
138	mm	40	0	mm			0	P1 NR						1,00	-1,00	-3,10
139	mm	50	0	mm			0	P1 NR	2,00			2,00	7,40	2,00		
142	mm	100	0	mm			0	P1 NR	8,00	1,00		9,00	106,20	18,00	-9,00	-106,20
				TOTAL FO	R C	OMPO	NENT	Γ (Κσ)					128,80			-109,30
				101.1210		01.11	. 122112	(8)		Total for nega	tive movement	- 10	09,30 To	tal for positive n	novement +	
Flange Slip-On ASM	IE B16.5	600 LF	B LF (	(125÷250 AARH)	For	ged AS	ТМ А	105								
149	mm	40	0	mm			0	P1 NR						1,00	-1,00	-3,10
153	mm	100	0	mm			0	P1 NR	2,00			2,00	23,60		2,00	23,60
				TOTAL FO	R C	OMPO	NFNI	Γ (Κα)					23,60			20,50
				TOTAL FO	ı Cı	OMI O	1412141	(Kg)		Total for nega	tive movement	-	3,10 To	otal for positive n	novement +	23,60
Flange Slip-On SB-A	ATI-PF00	1/0 * S	B-AT	T-PF001(125÷250	)AA	RH) Fro	om Pla	ate Fe 36	0 B - UNI 7070							
171	mm	80	0	mm			0	P1 NR	4,00			4,00		2,00	2,00	
				TOTAL FO	D C	OMPO	NENT	r (Ka)	<u></u>							
				TOTAL FO	K C	OMITO	IAICIAI	i (Kg)		Total for nega	tive movement	-	To	tal for positive n	novement +	
Flange Slip-On SB-A	ATI-PF00	2/0 * S	B-AT	T-PF002(125÷250	)AA	RH) Foi	rged F	Fe 360 B	- UNI 7070							
218	mm	80	0	mm			0	P1 NR	15,00	2,00		17,00	29,24	13,00	4,00	6,88
219	mm	100	0	mm			0	P1 NR	24,00	2,00		26,00	49,40		26,00	49,40
220	mm	125	0	mm			0	P1 NR	129,00	4,00		133,00	389,69	116,00	17,00	49,81
221	mm	150	0	mm			0	P1 NR	163,00	5,00		168,00	514,08	141,00	27,00	82,62

	I	PUM	A5			M	aterial Request	- Summary (	1)			15/11/2010 15.36.06
					1E3	5 - SABIZ						
SubProject			Category of Good							MR ID M	IR Number	MR Rev
P95 / 1E35.65.1105			0401 / CARBON STEEL FL	ANGES						1090 1	E35.65.1105	1
			Lo	en.			ACTUAL			PREVIOUS	N	EED
Mark	S1	S2	2 T1. T2 m	m P.L. U.m	Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	Qty	Quantity	Weight (Kg)
			TOTAL FOR COMPON	ENT (Kø)					982,41			188,71
			TOTAL TOR COMPON	Livi (ivg)	To	tal for negativ	e movement -		To	tal for positive	movement +	188,71
			ТОТАІ	MR (Kg)					1.134,81			99,91
			IOIAI	Z WIK (Kg)	Tota	al for negative	movement -	11	2,40 To	tal for positive	movement +	212,31

DES	SMET	' - Bal	lestra	a		I	Material Re	quest - Sum	mary (1)		PROJ: 11	E35	<b>REV:</b> 1	15/11/2010
PUMA5		1	15/11/	2010 15.36.45				_	•		<b>DOC:</b> 11	E35-65-1105	•	•
		P	PUMA	5				N	Material Reques	t - Summary (	1)			15/11/2010 15.36.45
						•	1	1E35 - SABIZ					<b>'</b>	
SubProject				Category of Goo	d							MR ID M	R Number	MR Rev
P95 / 1E35.65.1105				0601 / BOLTS								1130 1E	35.65.1105	1
					Len.				ACTUAL			PREVIOUS	NI	EED
Mark		S1	<b>S2</b>	T1.		P.L. U.m	Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	Qty	Quantity	Weight (Kg)
Stud Bolt + 2 Nuts SB	-ATI-P	V008B	3/0 AS	SME B18.2.1 UNC/	2.2 Tab.9 AST	TM A 193	B7 / A 194 Gr.21	Н						
1574	mm	15	0	mm	70	P1 NR	8,00	2,00		10,00	1,10	10,00		
1578	mm	20	0	mm	100	P1 NR						5,00	-5,00	-4,20
1581	mm	7/8	0	mm	145	P1 NR	80,00	8,00		88,00	58,03	70,00	18,00	11,88
				TOTAL FOR	COMPONEN	IT (IZa)		"	<u>'</u>		59,13	3		7,68
				TOTAL FOR	COMPONE	VI (Kg)		Total for negati	ive movement	-	4,20 T	otal for positive r	novement +	11,88
Machine Bolt + 1 Nut	SB-AT	T-PV00	08A/0	- UNI 5727 + UNI	5592 4.6 UNI	3740 + 4	A UNI 3740							
1609	mm	M8	0	mm	30	P1 NR	20,00	4,00		24,00	,43	3 19,00	5,00	,10
1615	mm	M10	0	mm	35	P1 NR	96,00	14,00		110,00	4,40	29,00	81,00	3,24
1616	mm	M10	0	mm	40	P1 NR	584,00	58,00		642,00	32,10	519,00	123,00	6,15
1623	mm	M12	0	mm	40	P1 NR	680,00	68,00		748,00	59,84	634,00	114,00	9,12
				TOTAL FOR	COMPONEN	JT (Kg)					96,82	2		18,61
				TOTALTOR	COMI ONE	(11g)		Total for negati	ive movement	-	Т	otal for positive r	novement +	18,61
Screws for valves ASN	ИЕ В 1	8.2.1/U	JNC A	ASTM A 193 B7										
1646	mm	15	0	mm	45	P1 NR	8,00	2,00		10,00	,90	10,00		
1648	mm	5/8	0	mm	50	P1 NR	24,00	4,00		28,00	4,43	3 28,00		
1649	mm	5/8	0	mm	55	P1 NR	16,00	3,00		19,00	3,2:	19,00		
1652	mm	7/8	0	mm	75	P1 NR						70,00	-70,00	-32,20
				TOTAL FOR	COMPONEN	JT (Ka)					8,6	1		-32,20
				TOTAL FOR	COMI ONE	11 (Mg)		Total for negat	ive movement	3	32,20 T	otal for positive r	novement +	
											164,6	1		-5,91
					TOTAL M	IR (Kg)	-	D.4.16						
							1	Total for negativ	e movement -	3	36,40 To	otal for positive n	novement +	30,49

DES	MET	- Bal	lestra	a		N	Iaterial Requ	uest - Sumn	ary (1)		PROJ: 1E	E35	<b>REV:</b> 1	15/11/2010
PUMA5		1	15/11/	2010 15.37.17			_				DOC: 1E	235-65-1105	•	•
		I	PUMA	5				Ma	terial Request	- Summary (	1)		1	5/11/2010 15.37.17
						I .	1E	35 - SABIZ					•	
SubProject				Category of Good								MR ID MI	R Number	MR Rev
P95 / 1E35.65.1105				0701 / GASKETS								1140 1E3	35.65.1105	1
					Le	n.			ACTUAL			PREVIOUS	NE	
Mark		S1	S2	T1.	T2 m	m P.L. U.m	Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	Qty	Quantity	Weight (Kg)
Gasket SB-ATI-PV009	/1 600	LB _	B4C											
241	mm	15	0	mm		0 P1 NR	4,00	4,00		8,00		8,00		
243	mm	25	0	mm		0 P1 NR	6,00	4,00		10,00		10,00		
245	mm	40	0	mm		0 P1 NR						2,00	-2,00	
246	mm	50	0	mm		0 P1 NR	2,00	2,00		4,00		4,00		
249	mm	100	0	mm		0 P1 NR	10,00	6,00		16,00		24,00	-8,00	
				TOTAL FOR (	COMPON	ENT (Kg)								
						. 0	T	otal for negative	movement -		To	otal for positive n	novement +	
Gasket SB-ATI-PV009	/1 * SI	3-ATI-	PF001	1(125÷250AARH) _	A9C FLAT	Γ-RING								
274	mm	80	0	mm		0 P1 NR	5,00	5,00		10,00		8,00	2,00	
				TOTAL FOR (	OMPON	ENT (Kg)			•					
				1011121011	01111	Eiti (iig)	T	otal for negative	movement -	•	To	otal for positive n	novement +	
Gasket SB-ATI-PV009	/1 * SI	3-ATI-	PF002	2(125÷250AARH) _	B18C									
302	mm	80	0	mm		0 P1 NR	8,00	5,00		13,00		10,00	3,00	
303	mm	100	0	mm		0 P1 NR	16,00	8,00		24,00			24,00	
304	mm	125	0	mm		0 P1 NR	73,00	22,00		95,00		77,00	18,00	
305	mm	150	0	mm		0 P1 NR	85,00	26,00		111,00		94,00	17,00	
				TOTAL FOR (	COMPON	ENT (Kg)								
							T	otal for negative	movement -		To	otal for positive n	novement +	
					тоты	MD (V-)								
					TOTAL	MR (Kg)	To	tal for negative	movement -		To	tal for positive m	ovement +	