	Bal	lestra							N	Iaterial Req	uest - Sum	mary (1)		PROJ:	1E35	5	REV: 1	06/04/2010
PUMA5		(06/04	4/2010 14.14.0	9									DOC:	1E35	5.65.023		•
		F	PUM.	A5							N	Iaterial Reque	st - Summary (1)				06/04/2010 14.14.09
										1E35 - S	ULPHUREX G	H/F						
SubProject				Category o	of Good											MR ID MI	R Number	MR Rev
C23 / 1E35-65-023				0101 / CAF	RBON S	TEEL P	PIPE									1010 1E	35-65-023	1
							Len.		-			ACTUAL			[]	PREVIOUS	N	EED
Mark		S1	S2	2	T1.	T2	mm	P.L. U	J.m	Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg	g)	Qty	Quantity	Weight (Kg)
Pipe ASME B36.10 P	L Seam	iless AI	PI 5L	GR. B														
1433	In	1/2	0	mm	2,77		0	p3	m	148,00	15,00		163,00	206	5,32	141,00	22,00	27,85
1435	In	1	0	mm	3,38		0	p3	m	61,00	6,00		67,00	167	,65	67,00		
1437	In	1+1/	2 0	mm	3,68		0	p3	m	160,00	16,00		176,00	712	2,66	176,00		
				TOTAL	FOR C	OMPO	NEN	Т (Ко	n)					1.086	,63			27,85
				101112		0.0.11		- (11 <u>8</u>	,,	,	Total for negati	ve movement	-		Tota	al for positive n	novement +	27,85
						тот	AT. M	IR (Kg	a)					1.086	,63			27,85
						1017		(118	5/	T	otal for negative	e movement -	-		Tota	l for positive m	novement +	27,85

	Bal	lestra					N	Material Re	quest - Sum	mary (1)		PROJ:	1E3	5	REV: 0	12/03/2010
PUMA5		1	2/03	/2010 14.59.05								DOC:	1E3	5.65.023		
		P	UMA	15				1725 (st - Summary (1)				12/03/2010 14.59.05
								1E35 - 8	SULPHUREX G	H/F						
SubProject				Category of Good	l									MR ID M	R Number	MR Rev
C23 / 1E35-65-023				0102 / STAINLES	S STEI	EL PIP	PE							1020 1E	235-65-023	0
						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)
Pipe ASME B36.19 PL	Seam	iless AS	TM	A 312 TP 304												
1504	In	1/2	0	mm 2,77		0	p3 m	2,00			2,00	2	2,58		2,00	2,58
				TOTAL FOR	COMP	ONEN	NT (Kg)		·			2	2,58			2,58
				TOTAL FOR	COMI	ONE	(Kg)		Total for negati	ve movement	-		Tota	al for positive 1	novement +	2,58
			Γ		тол	rat N	(D (Va)					2	2,58			2,58
					101	AL N	MR (Kg)	Т	otal for negativ	e movement -	-		Tota	al for positive r	novement +	2,58

	Bal	lestra								N	Iaterial Rec	uest - Sum	mary (1)		PROJ:	1E	35	REV:	12/03/2010
PUMA5		1	2/03	/2010 14.59.2	26						•		•		DOC:	1E	35.65.023	•	•
		P	UMA	15								N	Iaterial Reques	st - Summary (1)				12/03/2010 14.59.26
											1E35 - S	ULPHUREX G	H/F						
SubProject				Category o	of Go	o d											MR ID	MR Number	MR Rev
C23 / 1E35-65-023				0105 / GAI	LVAN	IZED	CARE	BON	STE	EL I	PIPE						1030	1E35-65-023	0
						-	Lei	n.					ACTUAL				PREVIOUS	N	EED
Mark		S1	S2		T1	. Т	Γ2 mi	m l	P.L. U.	.m	Take Off	Surplus	Manual	Tot Qty	Tot. W. (K	(g)	Qty	Quantity	Weight (Kg)
Pipe ASME B36.10 T	HRD-N	1 NPT	Sean	nless API 5L 0	GR. B	Galva	anized												
1493	In	1/2	0	mm	2,77	7		0	p3	m	124,00	12,00		136,00	172	2,14		136,0	172,14
1495	In	1	0	mm	3,38	3		0	p3	m	90,00	9,00		99,00	247	7,72		99,0	247,72
1497	In	1+1/2	2 0	mm	3,68	3		0	p3	m	64,00	6,00		70,00	283	3,44		70,0	283,44
1498	In	2	0	mm	3,91	i		0	p3	m	30,00	3,00		33,00	179	9,43		33,0	179,43
				TOTAL	FOR	CON	APON!	ENT	Γ (Κσ)	,					882	2,73			882,73
				TOTAL	7101				I (IIg)		,	Fotal for negati	ve movement	-		To	tal for positive	e movement +	882,73
							OTAL	M	R (Ka)					882	2,73			882,73
						- '	OIME		(116)	,	T	otal for negativ	e movement -			To	tal for positive	e movement +	882,73

	112001101 110quoto (201111101) (1)								REV: 1	06/04/2010					
PUMA5		(06/04	/2010 14.14.38								DOC: 1E	35.65.023		
		F	UMA	5					N	Iaterial Request	- Summary (1	1)			06/04/2010 14.14.38
						•		1E35 - SI	ULPHUREX G	H/F				•	
SubProject				Category of Goo	od								MR ID M	IR Number	MR Rev
C23 / 1E35-65-023				0201 / CARBON	STEEL I	FORGED F	TITTING						1040 1H	E35-65-023	1
						Len.				ACTUAL			PREVIOUS		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 TA 50.7/2	THRD	-F NPT	3000	# Forged ASTM A	105										
63	In	1/2	0	mm		0 p3	NR	2,00			2,00	,64		2,00	· · ·
				TOTAL FOR	COMPO	ONENT (K	g)					,64			,64
								7	Total for negati	ve movement -		То	tal for positive	movement +	,64
45° Elbow TA 50.6/1	SW-F	3000# I	Forge	l ASTM A 105											
98	In	1/2	0	mm		0 p3	NR	2,00			2,00	,36		2,00	
				TOTAL FOR	COMPO	ONENT (K	(g)					,36			,36
							8/	7	Total for negati	ve movement -		То	tal for positive	movement +	,36
90° Elbow TA 50.6/1	SW-F	3000# I	Forge	l ASTM A 105											
266	In	1/2	0	mm		0 p3	NR	9,00	1,00		10,00	2,50		10,00	2,50
				TOTAL FOR	COMPO	ONENT (K	g)		·			2,50			2,50
							8/	7	Total for negati	ve movement -		То	tal for positive	movement +	2,50
Tee Straight TA 50.6	/1 SW-I	F 3000#	Forg	ed ASTM A 105											
4687	In	1/2	0	mm		0 p3	NR	15,00	2,00		17,00	4,76	16,00	1,00	,28
				TOTAL FOR	COMPO	ONENT (K	(a)			<u>.</u>		4,76			,28 ,28
				TOTALTON	COM	onen (K	5)	T	Total for negati	ve movement -		То	tal for positive	movement +	,28
Union TA 50.6/1 SW	-F 3000	# Forge	ed AS	TM A 105											
1289	In	1/2	0	mm		0 p3	NR	2,00			2,00	,76	2,00		
				TOTAL FOR	COMPO	NENT (K	(a)	1		<u>"</u>		,76		II.	
				TOTAL FOR	COMIC	JILIII (K	·g)	T	Total for negati	ve movement -		То	tal for positive	movement +	
Coupling Reducing T	`A 50.7	2 THR	D-F I	NPT 3000# Forged	ASTM A	105									
4398	In	1/2		_		0 p3	NR	28,00	4,00		32,00	,96	32,00		
							L	,	* -		,		***	I .	

		P	UMA5	;				Ma	terial Request	- Summary (1)			06/04/2010 14.14.38
						1E.	35 - SULPH	UREX GH	/ F					
SubProject				Category of Good								MR ID M	IR Number	MR Rev
C23 / 1E35-65-023				0201 / CARBON ST	EEL FORGED F	TITTING						1040 1	E35-65-023	1
					Len.				ACTUAL			PREVIOUS	N	EED
Mark		S1	S2	T1.	T2 mm P.L.	U.m Take	Off S	Surplus	Manual	Tot Qty	Tot. W. (Kg)	Qty	Quantity	Weight (Kg)
				TOTAL FOR CO	OMPONENT (K	g)					,96			
				101121010)	5 /	Total f	or negative	movement -		To	tal for positive	movement +	
Coupling Reducing	ΓA 50.6/	1 SW-F	3000	# Forged ASTM A 10:	5									
4449	In	3/4	1/2	mm	0 p3	NR 2	2,00			2,00	,06	2,00)	
				TOTAL FOR CO	OMPONENT (K	g)					,06			
						G,	Total f	or negative	movement -		To	tal for positive	movement +	
Cap TA 50.7/2 THR	D-F NP	Γ 3000#	Forg	ed ASTM A 105										
4546	In	1/2	0	mm	0 p3	NR 1	1,00			1,00	,12	1,00)	
				TOTAL FOR CO	OMPONENT (K	g)					,12			
					on or terri (ii	B /	Total f	or negative	e movement -		To	tal for positive	movement +	
					TOTAL MR (K	(g)					10,16			3,78
					TOTAL MAK (II	· b /	Total fo	r negative	movement -		То	tal for positive	movement +	3,78

	Bal	lestra					I	Material Rec	uest - Sun	nmary (1)		PROJ:	1E3	5	REV: 0	12/03/2010
PUMA5		1	12/03	/2010 15.00.03					_	•		DOC:	1E3	5.65.023	•	•
		F	UMA	.5						Material Reques	st - Summary (1)				12/03/2010 15.00.03
							•	1E35 - S	ULPHUREX	GH/F					•	
SubProject				Category of Good	d									MR ID M	R Number	MR Rev
C23 / 1E35-65-023				0202 / STAINLES	SS STE	EEL FO	RGED FI	TTINGS						1050 1E	35-65-023	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)
90° Elbow TA 50.6/1	SW-F	3000# I	orge	d ASTM A 182 GR.	F304											
263	In	1/2	0	mm		0	p3 NR	2,00			2,00		,51		2,00	,51
				TOTAL FOR	COM	PONE	NT (Kg)						,51			,51
				TOTAL FOR	COM	ONE	(Ng)		Total for nega	tive movement	-		Tota	al for positive n	novement +	,51
Coupling TA 50.7/2	ΓHRD-I	F NPT	3000	# Forged ASTM A 1	82 GR	. F304										
1049	In	1/2	0	mm		0	p3 NR	1,00			1,00		,12		1,00	,12
				TOTAL FOR	COM	PONE	NT (Kø)						,12			,12
				TOTALTON	00.11	01112	(116)		Total for nega	tive movement	-		Tota	al for positive n	movement +	,12
					TO	TAT 1	MD (IZ.)						,63			,63
					10	IAL	MR (Kg)	Т	otal for negati	ve movement -	-		Tota	al for positive n	novement +	,63

	Bal	lestra				N	Iaterial Requ	uest - Sum	mary (1)		PROJ: 1E	35	REV: 0	12/03/2010
PUMA5			12/03/20	10 15.00.35			-				DOC: 1E	35.65.023	•	•
		·]	PUMA5					N	Iaterial Request -	Summary (1)		1	12/03/2010 15.00.35
						ı	1E35 - SU	LPHUREX G	H/F	• • • • • • • • • • • • • • • • • • • •	<u>′</u>		<u> </u>	
SubProject				Category of Go	ood							MR ID M	IR Number	MR Rev
C23 / 1E35-65-023						N STEEL	FORGED FITTING	GS				1060 11	E35-65-023	0
					Len.				ACTUAL			PREVIOUS	NF	ED
Mark		S1	S2	Т	1. T2 mm	P.L. U.m	Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	Qty	Quantity	Weight (Kg)
45° Elbow TA 50.7/2	THRD	-F NP	Г 3000#	Forged ASTM	A 105 Galvanize	ed								
86	In	1	0	mm		p3 NR	2,00			2,00	1,70		2,00	1,70
									I	,	1,70		,	1,70
				TOTAL FO	R COMPONEN	(1 (Kg)	To	otal for negati	ve movement -		To	tal for positive	movement +	1,70
90° Elbow TA 50.7/2	THRD	-F NP	Г 3000#	Forged ASTM	A 105 Galvanize	ed.				<u>- </u>				
252	In	1/2		mm		p3 NR	29,00	3,00		32,00	12,80		32,00	12,80
254	In	1	0	mm		p3 NR	11,00	2,00		13,00	14,30		13,00	14,30
256	In	1+1/	2 0	mm		p3 NR	5,00	1,00		6,00	14,40		6,00	14,40
				TOTAL FO	R COMPONEN	T (Ka)		•			41,50			41,50
				TOTALTO	K COMI ONEN	(I (IXg)	Te	otal for negati	ve movement -		To	tal for positive	movement +	41,50
Tee Reducing TA 50.	7/2 TH	RD-F	NPT 300	0# Forged AST	M A 105 Galvar	nized								
2765	In	1	1/2	mm		p3 NR	1,00			1,00	,57		1,00	,57
2770	In	1+1/	/2 1/2	mm		p3 NR	5,00	1,00		6,00	7,68		6,00	7,68
2772	In	1+1/	2 1	mm	0	p3 NR	1,00			1,00	1,28		1,00	1,28
2775	In	2	1	mm	0	p3 NR	7,00	1,00		8,00	14,40		8,00	14,40
2777	In	2	1+1/2	mm	0	p3 NR	2,00			2,00	3,60		2,00	3,60
				TOTAL FO	R COMPONEN	T (Kg)					27,53			27,53
							Te	otal for negati	ve movement -		To	tal for positive	movement +	27,53
Tee Straight TA 50.7/	2 THR	D-F N	PT 3000	# Forged ASTN	I A 105 Galvani	zed								
4673	In	1/2	0	mm	0	p3 NR	10,00	2,00		12,00	3,36		12,00	3,36
4675	In	1	0	mm	0	p3 NR	2,00			2,00	1,14		2,00	1,14
4677	In	1+1/	2 0	mm	0	p3 NR	1,00			1,00	1,28		1,00	1,28

		I	PUMA5				·		aterial Request	- Summary ((1)			12/03/2010 15.00.35
							1E35 - SU	LPHUREX G	H/F					
SubProject				Category of Good	d							MR ID M	IR Number	MR Rev
C23 / 1E35-65-	-023			0205 / GALVANI	ZED CARBO	ON STEEL F	ORGED FITTING	GS				1060 1	E35-65-023	0
					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)
				TOTAL FOR	COMPONE	NT (Kg)					5,78	3		5,78
				TOTALTOR	COMI ONE	itti (itg)	To	otal for negativ	e movement -		To	otal for positive	movement +	5,78
Reducing Inser	rt M/F TA 50.	7/2 THI	RD-M	NPT x THRD-F 30	000# Forged	ASTM A 105	Galvanized							
976	In	1	1/2	mm	_	p3 NR	7,00	1,00		8,00	1,52	2	8,00	1,52
				TOTAL FOR	COMPONE	NIT (IZ)	-				1,52	2		1,52
				TOTAL FOR	COMPONE	NI (Kg)	To	otal for negativ	e movement -		To	otal for positive	movement +	1,52
Union TA 50.7	7/2 THRD-F N	NPT 30	00# Fo	rged ASTM A 105	Galvanized					·	<u> </u>			
1275	In	1/2		mm	0	p3 NR	11,00	2,00		13,00	3,90)	13,00	3,90
				TOTAL FOR	COMPONE	NT (Va)	1		1		3,90)		3,90
				TOTAL FOR	COMPONE	MI (Kg)	To	tal for negativ	e movement -		Te	otal for positive	movement +	3,90
Cap TA 50.7/2	THRD-F NP	Т 3000	# Forg	ed ASTM A 105 G	alvanized	1								
4567	In	1/2	0	mm	0	p3 NR	4,00	1,00		5,00	,60)	5,00	,60
4569	In	1	0	mm	0	p3 NR	2,00			2,00	,50)	2,00	
4571	In	1+1/	2 0	mm	0	p3 NR	2,00			2,00	1,50)	2,00	1,50
4572	In	2	0	mm	0	p3 NR	1,00			1,00	1,60)	1,00	1,60
				TOTAL FOR	COMPONE	NT (Kg)					4,20)		4,20
						. 3/	To	otal for negativ	re movement -		To	otal for positive	movement +	4,20
					тоты	MD (Va)					86,13	3		86,13
					TOTAL 1	WIK (Kg)	Tot	al for negative	movement -		To	otal for positive	movement +	86,13

	Bal	llestra					Materia	al Req	uest - Sum	mary (1)		PROJ: 1E	35	REV: 0	12/03/2010
PUMA5			12/03/	/2010 15.01.03	3					•		DOC: 1E	35.65.023	•	•
]	PUMA	5					N	Aaterial Reque	st - Summary (1)		1	12/03/2010 15.01.03
							1	1E35 - S	ULPHUREX G	H/F					
SubProject				Category of	f Good								MR ID M	IR Number	MR Rev
C23 / 1E35-65-023				0301 / CAR	BON S	TEEL BW FITTI	NGS						1070 11	E35-65-023	0
						Len.				ACTUAL			PREVIOUS	NE	EED
Mark		S1	S2		T1.	T2 mm P.L	. U.m Tal	ke Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	Qty	Quantity	Weight (Kg)
45° Elbow Long Rad	ius ASN	⁄IЕ В16	.9 BE	Wrought S A	STM A	234 GR. WPB									
156	In	1	0	mm	3,38	0 p3	NR	2,00			2,00	,14		2,00	,14
158	In	1+1/	2 0	mm	3,68	0 p3	NR	1,00			1,00	,18		1,00	,18
				TOTAL	FOR C	OMPONENT (Kg)					,32			,32
							-8/	7	Fotal for negati	ive movement	-	To	tal for positive	movement +	,32
90° Elbow Long Rad	ius ASN	ЛЕ В1 <i>6</i>	.9 BE	Wrought S A	STM A	234 GR. WPB									
324	In	1	0	mm	3,38	0 p3	NR	9,00	1,00		10,00	1,35		10,00	1,35
326	In	1+1/	2 0	mm	3,68	0 p3	NR	5,00			5,00	1,84		5,00	1,84
				TOTAL	FOR C	OMPONENT (Kg)					3,19			3,19
							8/	ŗ	Fotal for negati	ive movement	-	То	tal for positive	movement +	3,19
						TOTAL MR (Kg)					3,51			3,51
						TOTAL MIK (Ng)	T	otal for negativ	e movement	-	То	tal for positive	movement +	3,51

	Bal	lestra				N	Iaterial Req	uest - Sum	mary (1)		PROJ: 1E	35	REV: 1	06/04/2010
PUMA5		(06/04/	2010 14.15.03				•	-		DOC: 1E	35.65.023		
		P	UMA:	5				N	Iaterial Reques	t - Summary (1)			06/04/2010 14.15.03
							1E35 - S	ULPHUREX G	H/F					
SubProject				Category of Goo	od							MR ID M	R Number	MR Rev
C23 / 1E35-65-023				0401 / CARBON	STEEL FLANG	ES						1090 1E	35-65-023	1
					Len.	1			ACTUAL			PREVIOUS	NI	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)
Flange Blind ASME	B16.5 1	50 LB I	RF (12	25÷250 AARH) Fo	rged ASTM A 10	5								
401	In	1	0	mm	0 1	p3 NR	2,00			2,00	1,80	2,00		
403	In	1+1/2	2 0	mm	0 1	p3 NR	4,00			4,00	6,40	4,00		
				TOTAL FOR	COMPONENT	(Kg)					8,20			
						. 8/	1	Total for negati	ve movement	-	To	tal for positive r	novement +	
Flange Slip-On ASM	IE B16.5	5 150 Ll	B RF	(125÷250 AARH)	Forged ASTM A	105								
465	In	1/2	0	mm	0 1	p3 NR	3,00			3,00	1,20	1,00	2,00	,80
467	In	1	0	mm	0 1	p3 NR	4,00	1,00		5,00	4,00	5,00		
469	In	1+1/2	2 0	mm	0 1	p3 NR	5,00			5,00	7,00	5,00		
				TOTAL FOR	R COMPONENT	(Kg)					12,20			,80
						(8/	7	Total for negati	ve movement	-	To	tal for positive r	,80	
					TOTAL MD	(V.c.)					20,40			,80
					TOTAL MR	(Ng)	Te	otal for negative	e movement -		То	tal for positive n	novement +	,80

	Bal	lestra					N	Material Req	uest - Sumn	ary (1)		PROJ:	1E35	REV: 0	12/03/2010
PUMA5		1	2/03	3/2010 15.01.41								DOC:	1E35.65.023		
		P	UMA	<u> </u>					Ma	terial Reques	t - Summary (1)			12/03/2010 15.01.41
								1E35 - S	ULPHUREX GH	/ F					
SubProject				Category of Good	l								MR ID N	IR Number	MR Rev
C23 / 1E35-65-023				0402 / STAINLES	S STEI	EL FLAN	IGES						1100 1	E35-65-023	0
						Len.				ACTUAL			PREVIOUS	NF	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)
Flange Weld Neck ASI	ME B1	16.5 900) LB	LM (125÷250 AARI	H) Forg	ed ASTM	1 A 182	GR. F304							
5399	In	1/2	0	mm 2,77		0 p	o3 NR	6,00	1,00		7,00			7,00	
				TOTAL FOR	СОМР	ONENT	(Kg)								
							ν 8/	7	Total for negative	movement	-		Total for positive	movement +	
			Г												
					ТОТ	TAL MR	(Kg)	To	otal for negative	movement -			Total for positive	movement +	

	Bal	lestra]	Material Re	equest - Sum	mary (1)		PROJ:	1E3	5	REV: 0	12/03/2010
PUMA5			12/03/	2010 15.02.01					_	-		DOC:	1E3	5.65.023		•
			PUMA	5					N	Iaterial Reques	st - Summary (1)	-			12/03/2010 15.02.01
								1E35 -	SULPHUREX G	H/F					•	
SubProject				Category of Goo	od									MR ID M	IR Number	MR Rev
C23 / 1E35-65-023				0405 / GALVAN	IZED C	ARBC	N STEEL	FLANGES						1110 1H	E35-65-023	0
						Len.				ACTUAL				PREVIOUS	N	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)
Flange ASME B16.5	THRD-	F NP	150 1	LB RF (125÷250 A	ARH) Fo	orged .	ASTM A	105 Galvanized								
392	In	1	0	mm		0	p3 NR	3,00			3,00	2	2,70		3,00	2,70
394	In	1+1	2 0	mm		0	p3 NR	2,00			2,00	3	3,00		2,00	3,00
				TOTAL FOR	COMP	ONE	NT (Kg)					5	5,70			5,70
				101112101	TOTAL FOR COMPONENT (Kg) Total for negative movement - Total for positive movement								movement +	5,70		
					тол		MD (IZ :)					5	5,70			5,70
					101	IAL N	MR (Kg)		Total for negativ	e movement -			Tota	al for positive	movement +	5,70

Ballestra							Material Request - Summary (1)						35	REV: 1	06/04/2010
PUMA5	06/04/2010 14.15.29							•	-			DOC: 1E:	35.65.023	•	•
PUMA5									M			06/04/2010 14.15.29			
							•	1E35 - S	ULPHUREX G	H/F				*	
SubProject	Category of Good												MR ID MI	R Number	MR Rev
C23 / 1E35-65-023				0601 / BOLTS									1130 1E	35-65-023	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)
Stud Bolt + 2 Nuts T	`A 50.48	B/28 A	SME	B18.2.1 UNC/2.2 TA	B. 9 AS	STM A	A 193 B7/	ASTM A 194 GR	.2Н						
5191	In	1/2	0	mm		65	p3 NR	12,00	1,00		13,00	1,43	4,00	9,00	,99
5192	In	1/2	0	mm		70	p3 NR	16,00	2,00		18,00	1,98	18,00		
5193	In	1/2	0	mm		75	p3 NR	20,00	2,00		22,00	2,64	22,00		
		TOTAL FOR COMPONENT										6,05			,99
							8/	Total for negative movement -					Total for positive movement +		
Stud Bolt + 2 Nuts T	`A 50.48	B/28 A	SME	B18.2.1 UNC/2.2 TA	B. 9 AS	STM A	A 193 B7/	A194 2H Galvani	zed						
5126	In	1/2	0	mm		70	p3 NR	12,00	2,00		14,00	1,54	14,00		
5127	In	1/2	0	mm		75	p3 NR	8,00			8,00	,96	8,00		
5145	In	3/4	0	mm		100	p3 NR	32,00	6,00		38,00	31,92	38,00		
				TOTAL FOR COMPONENT			T (Kg)					34,42			
							- (8/	Total for negative movement -					Total for positive movement +		
Screws for valves AS	SME B 1	8.2.1 /U	JNC A	ASTM A 193 B7 Galv	anized										
5381	In	1/2	0	mm		30	p3 NR	16,00	1,00		17,00	1,36	17,00		
				TOTAL FOR C	OR COMPONENT		Γ (Κα)		,	1		1,36			
				TOTAL FOR C	OMIO	INEIN	I (Ng)	Total for negative movement -				То	Total for positive movement +		
					TOTAL		ID (IZ.)					41,83			,99
					AL M	R (Kg)	Total for negative movement -				Tot	Total for positive movement +			

	lestra				Material Request - Summary (1)						PROJ: 1E	135	REV: 1	06/04/2010				
PUMA5	PUMA5 06/04/2010 14.16.06								•				DOC: 1E	235.65.023	•	•		
		I	PUMA:	5					Material Request - Summary (1) 06/04/2010 14.16.06									
									1E35 - SU	LPHUREX GH	/ F							
SubProject Category of Good													MR ID MR Number		MR Rev			
C23 / 1E35-65-023	0701 / GASKET													1140 1E	235-65-023	1		
						Len.			ACTUAL					PREVIOUS				
Mark		S1	S2	7	Г1.	T2	mm P.I	L. U.m	Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	Qty	Quantity	Weight (Kg)		
Gasket TA 50.5/31 1:	50 LB R	F (125	÷250 A	AARH) _ B5C														
659	In	1/2	0	mm			0 p3	3 NR	3,00	1,00		4,00		1,00	3,00			
661	In	1	0	mm			0 p3	3 NR	7,00	4,00		11,00		11,00				
663	In	1+1/	2 0	mm			0 p3	3 NR	7,00	4,00		11,00		11,00				
				TOTAL FO	R C	ОМРО	ONENT ((Kg)						Į				
									Total for negative movement -				Total for positive movement +					
Gasket TA 50.5/31 90	00 LB L	M-LF	(125÷2	250 AARH) _ B4	C FL	AT												
5394	In	1/2	0_	mm			0 p3	3 NR	9,00	5,00		14,00		14,00				
				TOTAL FO	R CO	OMPO	NENT ((K g)										
								Total for negative movement -					Total for positive movement +					
						тот	AT MP	(V-)										
						101/	AL MR ((Kg)	Total for negative movement -				Total for positive movement +					