Balle		Material Request - Summary (1)	PROJ:	1E35	REV:	1	08/03/2010
PUMA5	08/03/2010 11.23.32		DOC:	1E35.65.005			

		]	PUM	A5								Material Reques	st - Summary (	1)		(	8/03/2010 11.23.32
										1E35 - S	ULPHUREX G	H/F					
SubProject				Category	of Good										MR ID M	R Number	MR Rev
P05 / 1E35-65-005				0101 / CAI	RBON S	TEEL	PIPE								1010 1E	35-65-005	1
							Len.					ACTUAL			PREVIOUS	NE	ED
Mark		S1	S	2	T1.	T2	mm	P.L.	U.m	Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	Qty	Quantity	Weight (Kg)
Pipe ASME B36.10 I	PL Sean	iless A	PI 5I	GR. B													
1431	In	1/4	0	mm	2,24		0	p1	m	10,00	2,00		12,00	7,60	6,00	6,00	3,80
1433	In	1/2	0	mm	2,77		0	p1	m	767,45	77,00		844,45	1.068,86	300,00	544,45	689,14
1434	In	3/4	0	mm	2,87		0	p1	m	65,10	7,00		72,10	121,60	10,00	62,10	104,73
1435	In	1	0	mm	3,38		0	p1	m	262,70	26,00		288,70	722,38	130,00	158,70	397,10
1437	In	1+1	2 0	mm	3,68		0	p1	m	282,90	28,00		310,90	1.258,90	150,00	160,90	651,52
1438	In	2	0	mm	3,91		0	p1	m	239,70	12,00		251,70	1.368,53	150,00	101,70	552,96
				TOTAI	EOD (	OMD	ONEN	IT (K	(a)					4.547,88			2.399,25
				IOIAI	TOR	OMI	ONE	11 (12	g)	1	Total for negati	ive movement	-	To	tal for positive r	novement +	2.399,25
Pipe ASME B36.10 I	PL E.R.	W. API	5L (	GR. B													
1452	In	2+1	2 0	mm	3,18		0	p1	m	,50			,50	2,74	6,00	-5,50	-30,11
1453	In	3	0	mm	3,18		0	p1	m	162,20	8,00		170,20	1.144,09	130,00	40,20	270,23
1454	In	4	0	mm	3,18		0	p1	m	108,20	5,00		113,20	986,41	50,00	63,20	550,72
1456	In	5	0	mm	3,96		0	p1	m	,20			,20	2,68		,20	2,68
1457	In	6	0	mm	3,96		0	p1	m	119,00	6,00		125,00	2.006,05	30,00	95,00	1.524,60
1458	In	8	0	mm	3,96		0	p1	m	31,10	3,00		34,10	716,41	6,00	28,10	590,36
1459	In	8	0	mm	4,78		0	p1	m						10,00	-10,00	-252,63
1460	In	10	0	mm	3,96		0	p1	m	136,60	4,00		140,60	3.693,95	3,00	137,60	3.615,13
1461	In	10	0	mm	4,78		0	p1	m	1,50			1,50	47,42	40,00	-38,50	-1.217,23
1462	In	12	0	mm	4,78		0	p1	m	44,60	4,00		48,60	1.827,57	30,00	18,60	699,44
5574	In	14	0	mm	4,78		0	p1	m	101,30	3,00		104,30	4.313,10	40,00	64,30	2.658,99
1463	In	14	0	mm	6,35		0	p1	m	92,20	5,00		97,20	5.315,81	20,00	77,20	4.222,02
5608	In	16	0	mm	4,78		0	p1	m	,70			,70	33,14		,70	33,14
1464	In	16	0	mm	6,35		0	p1	m	,30			,30	18,79		,30	18,79
1467	In	24	0	mm	6,35		0	p1	m	25,20	3,00		28,20	2.663,87	10,00	18,20	1.719,24

		P	UMA:	5						M	aterial Reques	t - Summary (	1)		(	08/03/2010 11.23.32
									1E35 - S	SULPHUREX GI	H/F					
SubProject				Category o	f Good									MR ID M	IR Number	MR Rev
P05 / 1E35-65-005				0101 / CAR	BON S	TEEL PIPE	E							1010 11	E35-65-005	1
						Len	•				ACTUAL			PREVIOUS	NI	EED
Mark		S1	S2		T1.	T2 mn	ı P.L.	U.m	Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	Qty	Quantity	Weight (Kg)
				TOTAL	FOR C	OMPONE	NT (K	(g)					22.772,05			14.405,36
				101112		01/11 01/12		8)		Total for negativ	e movement	- 1.49	99,97 <b>T</b> o	otal for positive	movement +	15.905,33
Pipe ASME B36.10	PL E.R.V	V. API	5L GI	R. B RX 20%												
5695	In	12	0	mm	4,78	(	) p1	m	6,50	1,00		7,50	282,03	5,00	2,50	94,01
5696	In	14	0	mm	4,78	(	) p1	m	6,30	1,00		7,30	301,88	5,00	2,30	95,11
5697	In	16	0	mm	4,78	(	) p1	m	8,20	1,00		9,20	435,54	6,00	3,20	151,49
				TOTAL	FOR C	OMPONE	NT (K	(g)					1.019,44			340,61
				101112	10110	01/12 01/12	(2	-8/		Total for negative	e movement	-	To	otal for positive	movement +	340,61
Pipe TA 50.83/6 PL	Welded .	ASTM	A 515	GRADE 70												
1556	In	36	0	mm	6,0	(	) p1	m	47,00	5,00		52,00	6.986,08	40,00	12,00	1.612,17
				ТОТАТ	FOR C	OMPONE	NT (k	(a)					6.986,08			1.612,17
				101111	TORC	OMI ONE	111 (1	5)		Total for negativ	e movement	-	To	otal for positive	movement +	1.612,17
						TOTAL	MR (I	(a)					35.325,45			18.757,39
						TOTAL	.,117 (1	-6/	1	Total for negative	movement -	1.49	99,97 To	tal for positive	movement +	20.257,36

	Bal	lestra						M	aterial Requ	iest - Sum	mary (1)		PROJ: 1E	35	REV: 1	08/03/2010
PUMA5			08/03/	2010 11.24.1	1				-		•		DOC: 1E	35.65.005	1	•
		ì	PUMA	5	-					N	Material Request	- Summary (	1)			08/03/2010 11.24.11
							ı		1E35 - SU	LPHUREX (					· · · · · · · · · · · · · · · · · · ·	
SubProject				Category o	of Good									MR ID M	R Number	MR Rev
P05 / 1E35-65-005				0102 / STA	INLESS	STEEL PIF	PΕ							1020 1E	235-65-005	1
						Len.					ACTUAL			PREVIOUS	NE	ED
Mark		S1	S2		T1.	T2 mm	P.L. U	.m	Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	Qty	Quantity	Weight (Kg)
Pipe ASME B36.10	PL E.R.	W. AS	ГМ А	312 TP 304												
1447	In	14	0	mm	4,78	0	p1	m	3,00			3,00	126,58		3,00	126,58
1448	In	16	0	mm	4,78	0	p1	m	3,50			3,50	169,07		3,50	169,07
1451	In	24	0	mm	6,35	0	p1	m	4,10			4,10	395,18		4,10	395,18
				TOTAL	FOR C	OMPONE	NT (Kg	, _					690,83			690,83
							·- ( <b>-</b>		To	otal for negat	ive movement -		To	tal for positive	novement +	690,83
Pipe ASME B36.10	PL E.R.	W. AS	ГМ А	312 TP 304H	I RX 209	6										
1477	In	16	0	mm	4,78	0	p1	m	10,00	1,00		11,00	531,35	6,00	5,00	241,52
				ТОТАІ	FOR C	OMPONE	NT (Kg	,		•	<u>,</u>		531,35			241,52
				101112	TORC	OM ONE	(116	<b>′</b>	To	otal for negat	ive movement -		To	tal for positive	novement +	241,52
Pipe ASME B36.19	PL Sean	nless A	STM A	A 312 TP 304												
1502	In	1/4	0	mm	2,24	0	p1	m	1,60			1,60	1,03		1,60	1,03
1504	In	1/2	0	mm	2,77	0	p1	m	145,60	7,00		152,60	197,09	80,00	72,60	93,76
1505	In	3/4	0	mm	2,87	0	p1	m	26,10	3,00		29,10	50,08	20,00	9,10	15,66
1506	In	1	0	mm	3,38	0	p1	m	78,00	5,00		83,00	211,91	20,00	63,00	160,85
1507	In	1+1/	4 0	mm	3,56	0	p1	m	1,20			1,20	4,15		1,20	4,15
1508	In	1+1/		mm		0	F -	m	91,20	6,00		97,20	401,60	30,00	67,20	277,65
1509	In	2	0	mm	3,91	0	p1	m	135,50	4,00		139,50	773,92	,	89,50	496,53
				TOTAL	FOR C	OMPONE	NT (Kg	)					1.639,78		F	1.049,64
							. 0		To	otal for negat	ive movement -		To	tal for positive	novement +	1.049,64
Pipe ASME B36.19	PL Sean	nless A	STM A	A 312 TP 304	Н											
1514	In	1	0	mm	3,38	0	p1	m	,40			,40	1,02		,40	1,02

			PUMA	.5							Material Reques	t - Summary (	1)			08/03/2010 11.24.11
									1E35 - S	ULPHUREX (	SH/F					
<b>SubProject</b> P05 / 1E35-65-005				Category o			PIPE							<b>MR ID</b> MI 1020 1E	<b>R Number</b> 35-65-005	MR Rev
						I	en.				ACTUAL			PREVIOUS	NF	EED
Mark		S1	<b>S2</b>		T1.	T2 1	mm P.I	U.m	Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	Qty	Quantity	Weight (Kg)
				TOTAL	FOR (	COMPO	NENT (	Ka)					1,02			1,02
				TOTAL	TOR	JOINI OI	.11111 (	Mg)	7	Fotal for negat	ive movement	-	То	tal for positive n	novement +	1,02
Pipe ASME B36.19	PL Sean	nless A	STM .	A 312 TP 316	,											
1520	In	1/2	0	mm	2,77		0 p1	m	14,90	2,00		16,90	21,83	3,00	13,90	17,95
1521	In	3/4	0	mm	2,87		0 p1	m						3,00	-3,00	-5,16
1522	In	1	0	mm	3,38		0 p1	m	5,20	1,00		6,20	15,83	3,00	3,20	8,17
1524	In	1+1	/2 0	mm	3,68		0 p1	m	1,00			1,00	4,13	3,00	-2,00	-8,26
1525	In	2	0	mm	3,91		0 p1	m	7,70	1,00		8,70	48,27	20,00	-11,30	-62,69
				TOTAL	FOR (	COMPO	NENT (	<b>Κ</b> σ)					90,05			-49,99
		TOTAL FOR COMPONENT					(12111		•	Fotal for negat	ive movement	- 7	To.	tal for positive n	novement +	26,12
Pipe ASME B36.19	PL E.R.	W. AS	TM A	312 TP 304												
1526	In	2+1	/2 0	mm	2,11		0 p1	m	2,20			2,20	8,28		2,20	8,28
1527	In	3	0	mm	2,11		0 p1	m	50,00	5,00		55,00	253,43	30,00	25,00	115,20
1528	In	4	0	mm	2,11		0 p1	m	23,70	2,00		25,70	153,08	15,00	10,70	63,73
1533	In	12	0	mm	3,96		0 p1	m	4,00			4,00	127,48	3,00	1,00	31,87
1534	In	14	0	mm	3,96		0 p1	m	4,10			4,10	143,66	3,00	1,10	38,54
1535	In	16	0	mm	4,19		0 p1	m	4,50			4,50	190,82	3,00	1,50	63,61
1538	In	24	0	mm	5,54		0 p1	m						3,00	-3,00	-252,61
				TOTAL	FOR (	COMPO	NENT (	Kg)					876,74			68,61
				TOTAL	TOR	JOINI OI	, ILIII (	116)	7	Fotal for negat	ive movement	- 25	<b>To</b>	tal for positive n	novement +	321,23
Pipe ASME B36.19	PL E.R.	W. AS	тм А	312 TP 316												
1539	In	2+1	/2 0	mm	2,11		0 p1	m	,40			,40	1,51	3,00	-2,60	-9,79
1540	In	3	0	mm	2,11		0 p1	m	18,80	2,00		20,80	95,84	8,00	12,80	58,98
1541	In	4	0	mm	2,11		0 p1	m	34,50	3,00		37,50	223,36	15,00	22,50	134,02
1543	In	6	0	mm	2,77		0 p1	m	23,50	2,00		25,50	294,20	30,00	-4,50	-51,92
1544	In	8	0	mm	2,77		0 p1	m	3,00			3,00	45,23	6,00	-3,00	-45,23

	F	UMA	5			M	aterial Request	- Summary	(1)			08/03/2010 11.24.11
					1E35 - SU	LPHUREX G	H/F					
SubProject			Category of Good							MR ID	MR Number	MR Rev
P05 / 1E35-65-005			0102/STAINLESS STEEL PIPE							1020	1E35-65-005	1
			Len.				ACTUAL			PREVIOU	S N	EED
Mark	S1	<b>S2</b>	T1. T2 mm P	L. U.m	Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	Qty	Quantity	Weight (Kg)
			TOTAL FOR COMPONENT	· (Kg)					660,15			86,06
			TOTAL FOR COMPONENT	(Kg)	To	tal for negativ	ve movement -	1	06,94 To	otal for positi	ve movement +	193,00
			TOTAL MR	R (Kg)					4.489,93			2.087,70
			TOTAL MIK	(iig)	Tot	al for negative	movement -	4	35,67 To	tal for positi	ve movement +	2.523,36

	Bal	llestr	a						M	aterial Requ	ıest - Sumı	mary (1)		<b>PROJ:</b> 11	E35	<b>REV:</b> 1	08/03/2010
PUMA5			08/0	3/2010 11.24.3	33									<b>DOC:</b> 11	E35.65.005		•
			PUM	IA5				T			M	laterial Request	t - Summary (	1)			08/03/2010 11.24.33
								•		1E35 - SU	LPHUREX G	H/F				•	
SubProject				Category	of Good	i									MR ID 1	AR Number	MR Rev
P05 / 1E35-65-005				0105 / GAI	LVANI	ZED CA	ARBC	N ST	EEL P	IPE					1030 1	E35-65-005	1
							Len.					ACTUAL			PREVIOUS	NI	EED
Mark		S1	S	2	T1.	<b>T2</b>	mm	P.L.	U.m	Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	Qty	Quantity	Weight (Kg)
Pipe ASME B36.10 T	ΓHRD-N	M NP	T Sea	amless API 5L	GR. B C	Galvani	zed										
1493	In	1/2	0	mm	2,77		0	p1	m	273,20	27,00		300,20	379,9	8 60,00	240,20	304,03
1495	In	1	0	mm	3,38		0	p1	m	199,60	20,00		219,60	549,4	8 130,00	89,60	224,20
1497	In	1+1	1/2 0	mm	3,68		0	p1	m	48,00	7,00		55,00	222,7	1 20,00	35,00	141,72
				TOTAL	FOR (	СОМР	ONE	JT (K	(a)					1.152,1	7		669,95
				TOTAL	TOR	COMI	OIVE	11 (15	·g)	To	otal for negativ	ve movement -	-	T	otal for positive	movement +	669,95
					TOTAL MR									1.152,1	7		669,95
						101	AL N	1K (K	g)	Tot	tal for negative	e movement -		Т	otal for positive	movement +	669,95

	Bal	lestra					N	Iaterial Requ	ıest - Sum	mary (1)		PROJ: 1E	235	REV: 1	08/03/2010
PUMA5		(	8/03/2	010 11.24.58				•		•		DOC: 1E	235.65.005	•	•
		F	UMA5						N	Material Request	- Summary (	1)			08/03/2010 11.24.58
								1E35 - SU	LPHUREX (	H/F				•	
SubProject				Category of Go	od								MR ID M	R Number	MR Rev
P05 / 1E35-65-005				0201 / CARBON	ST	EEL FOR	GED FITTI	NG					1040 1H	E35-65-005	1
						Len				ACTUAL			PREVIOUS		EED
Mark		S1	S2	T1	l <b>.</b>	T2 mm	P.L. U.m	Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	Qty	Quantity	Weight (Kg)
90° Elbow TA 50.7/2	THRD	F NP	3000#	Forged ASTM A	A 105	5									
231	In	1/2	0	mm		0	p1 NR	10,00	2,00		12,00	4,80	3,00	9,00	3,60
232	In	3/4	0	mm		0	p1 NR	8,00	2,00		10,00	6,30		10,00	6,30
				TOTAL FOR	CO	MPONE	NT (Kg)					11,10			9,90
								To	otal for negat	ive movement -		To	otal for positive	movement +	9,90
90° Elbow TA 50.6/1	.6/1 SW-F 3000# Forged ASTM A 105														
264	In	1/4	0	mm			p1 NR	1,00			1,00	,09		1,00	,09
266	In	1/2	0	mm		0	p1 NR	94,00	14,00		108,00	27,00		108,00	27,00
				TOTAL FOR	CO	MPONE	NT (Kg)					27,09		Г	27,09
								To	otal for negat	ive movement -		To	otal for positive	movement +	27,09
Tee Reducing TA 50.	7/2 TH	RD-F 1	NPT 30	00# Forged ASTI	M A	105									
2736	In	3/4	1/2	mm		0	p1 NR						2,00	-2,00	-,74
				TOTAL FOR	CO	MPONE	NT (Kg)								-,74
								To	otal for negat	ive movement -		,74 To	otal for positive	movement +	
Tee Reducing TA 50.	6/1 SW	-F 3000	# Forg	ed ASTM A 105											
2797	In	3/4	1/2	mm		0	p1 NR	4,00	1,00		5,00	1,85		5,00	1,85
				TOTAL FOR	R CO	MPONE	NT (Kg)					1,85			1,85
							- · · · ( <b>g</b> /	To	otal for negat	ive movement -		To	otal for positive	movement +	1,85
Tee Straight TA 50.7	2 THR	D-F NI	T 300	0# Forged ASTM	A 1	05									
4654	In	1	0	mm		0	p1 NR	1,00			1,00	,57	,	1,00	,57
4656	In	1+1/	2 0	mm		0	p1 NR	2,00			2,00	2,56		2,00	2,56

		I	UMA5				Ma	terial Request	- Summary (	1)			08/03/2010 11.24.58
						1E35 - SU	LPHUREX GH	/F					
SubProject				Category of Good							MR ID M	R Number	MR Rev
P05 / 1E35-65-005				0201 / CARBON STEEL FORG	ED FITTIN	1G					1040 1E	35-65-005	1
				Len.				ACTUAL			PREVIOUS		ED
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 COMPONEN	NT (Kg)					3,13			3,13
						To	otal for negative	movement -		Tot	tal for positive r	novement +	3,13
Tee Straight TA 50.6	5/1 SW-l	F 3000#	Forge	d ASTM A 105									
4687	In	1/2	0	<b>mm</b> 0	p1 NR	76,00	11,00		87,00	24,36	50,00	37,00	10,36
				TOTAL FOR COMPONEN	NT (Kg)					24,36			10,36
						To	otal for negative	movement -		Tot	tal for positive r	novement +	10,36
Reducing Insert M/F	TA 50.	7/2 THI	RD-M	NPT x THRD-F 3000# Forged A	STM A 10:	5							
918	In	1/2	1/4	<b>mm</b> 0	p1 NR	4,00	1,00		5,00	,30	2,00	3,00	,18
919	In	1/2	3/8	<b>mm</b> 0	p1 NR	8,00	2,00		10,00	,60	5,00	5,00	,30
				TOTAL FOR COMPONEN	NT (Kg)					,90			,48
						To	otal for negative	e movement -		Tot	tal for positive r	novement +	,48
Reducing Insert M/F	TA 50.	5/1 SW	-F x PI	_ 3000# Forged ASTM A 105 TY	PE 12								
1015	In	3/4	1/2	<b>mm</b> 2,87 2,77 0	p1 NR	1,00			1,00	,11		1,00	,11
				TOTAL FOR COMPONEN	NT (Kg)					,11			,11
					8	To	otal for negative	movement -		Tot	tal for positive r	novement +	,11
Coupling TA 50.7/2	THRD-	F NPT	3000#	Forged ASTM A 105									
1056	In	1/2	0	<b>mm</b> 0	p1 NR	14,00	3,00		17,00	2,04	10,00	7,00	,84
1058	In	1	0	<b>mm</b> 0	p1 NR	30,00	6,00		36,00	10,80	20,00	16,00	4,80
				TOTAL FOR COMPONEN	NT (Kg)					12,84			5,64
					. 3/	To	otal for negative	movement -		Tot	tal for positive r	novement +	5,64
Coupling Half TA 50	).7/2 TH	RD-F	NPT 3	000# Forged ASTM A 105									
1122	In	1/4	0	<b>mm</b> 0	p1 NR	3,00	1,00		4,00	,12	2,00	2,00	,06
1124	In	1/2	0	<b>mm</b> 0	r	5,00	1,00		6,00	,36	3,00	3,00	,18
1126	In	1	0	<b>mm</b> 0	p1 NR	1,00			1,00	,15		1,00	,15

		]	PUM	A5					Iaterial Request	- Summary (	1)			08/03/2010 11.24.58
							1E35 - SU	JLPHUREX G	H/F					
SubProject				Category of Good	1							MR ID M	R Number	MR Rev
P05 / 1E35-65-005				0201 / CARBON S	STEEL FORGE	ED FITTI	NG					1040 1E	35-65-005	1
					Len.				ACTUAL			PREVIOUS	NE	EED
Mark		S1	S2	T1.	T2 mm l	P.L. U.m	Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	Qty	Quantity	Weight (Kg)
				TOTAL FOR (	COMPONENT	Г (Кд)					,63			,39
						. 8/	T	otal for negati	ve movement -		To	tal for positive r	novement +	,39
Coupling Half TA 5	60.6/1 SW	V-F 300	00# F	orged ASTM A 105										
1159	In	1/2	0	mm	0	p1 NR	16,00	3,00		19,00	2,85	10,00	9,00	1,35
				TOTAL FOR (	COMPONENT	Γ (Κσ)					2,85			1,35
				TOTALLOR	ONII ONEN	(116)	T	otal for negati	ve movement -		To	tal for positive r	novement +	1,35
Plug Hex. TA 50.7/2	2 THRD-	M NP	Т 300	00# Forged ASTM A	105	-								
1187	In	1/2		mm		p1 NR						1,00	-1,00	-,13
1189	In	1	0	mm		p1 NR	5,00	1,00		6,00	2,10	5,00	1,00	,35
				TOTAL FOR (	COMPONENT	r (Ka)		1	1		2,10	1		,22
				TOTAL FOR	COMI ONEM	(Kg)	T	otal for negati	ve movement -		,13 To	tal for positive r	novement +	,35
Union TA 50.7/2 TI	HRD-F 1	NPT 30	000# I	Forged ASTM A 105		-								
1254	In	1/2	0	mm	0	p1 NR	5,00	1,00		6,00	1,80		6,00	1,80
1255	In	3/4	0	mm	0	p1 NR	1,00			1,00	,43		1,00	,43
1256	In	1	0	mm	0	p1 NR	2,00			2,00	1,30		2,00	1,30
1258	In	1+1	/2 0	mm	0	p1 NR	2,00			2,00	2,52	2,00		
				TOTAL FOR (	COMPONENT	Г (Кд)					6,05			3,53
						87	Т	otal for negati	ve movement -		To	tal for positive r	novement +	3,53
Union TA 50.6/1 SV	W-F 3000	)# Forg	ed A	STM A 105										
1287	In	1/4	0	mm	0	p1 NR	1,00			1,00	,15		1,00	,1:
1289	In	1/2	0	mm	0	p1 NR	66,00	10,00		76,00	28,88	40,00	36,00	13,68
1290	In	3/4	0	mm	0	p1 NR	1,00			1,00	,46		1,00	,40
				TOTAL FOR (	COMPONENT	Γ ( <b>Kg</b> )					29,49			14,29
						( <b>8</b> /	T	otal for negati	ve movement -		To	tal for positive r	novement +	14,29

		P	UMA5					Material Request	- Summary (	1)			08/03/2010 11.24.58		
						1E35 -	SULPHUREX (	GH/F							
SubProject				Category of Good	d						MR ID M	R Number	MR Rev		
P05 / 1E35-65-005				0201 / CARBON S	STEEL FORGED F	TTTING					1040 1H	E35-65-005	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)		
Coupling Reducing T	A 50.7	2 THRI	D-F NI	T 3000# Forged A	ASTM A 105										
4398	In	1/2	1/4	mm	0 p1	NR 50,00	10,00		60,00	1,80	8,00	52,00	1,56		
4400	In	3/4	1/2	mm	0 p1	NR 1,00			1,00	,03		1,00	,03		
				TOTAL FOR	COMPONENT (K	g)				1,83			1,59		
						8/	Total for negat	ive movement -		Tot	tal for positive	movement +	1,59		
Coupling Reducing T	A 50.6	1 SW-F	3000#	Forged ASTM A	105										
4447	In	1/2	1/4	mm	0 p1	NR 1,00			1,00	,03		1,00	,03		
4449	In	3/4	1/2	mm	0 p1	NR 6,00	1,00		7,00	,21		7,00	,21		
				TOTAL FOR	COMPONENT (K	a)				,24			,24		
				TOTAL FOR COMPONENT (Kg)  Total for negative movement - Total for pe									,24		
Cap TA 50.7/2 THRI	)-F NP	T 3000i	# Forge	orged ASTM A 105											
4546	In	1/2	0	mm	0 p1	NR 44,00	R 44,00 9,00 53,00 6,36 50,00 3,0								
4547	In	3/4	0	mm	0 p1	NR 2,00			2,00	,38		2,00	,36		
4548	In	1	0	mm	0 p1	NR 2,00			2,00	,50	3,00	-1,00	-,25		
4550	In	1+1/2	2 0	mm	0 p1	NR 3,00			3,00	2,25		3,00	2,25		
				TOTAL FOR	COMPONENT (K	g)				9,49			2,74		
						8/	Total for negat	ive movement -	•	,25 Tot	tal for positive	movement +	2,99		
Cap TA 50.6/1 SW-F	3000#	Forged	ASTM	A 105			Total for regarde movement ,22								
4581	In	1/2	0	mm	0 p1	NR 1,00	1,00	,12							
4583	In	1	0	mm	0 p1	NR 2,00	2,00 2,00 ,50 2,								
				TOTAL FOR O	COMPONENT (K	(Kg) ,62							,62		
			TOTAL FOR COMPONENT (Kg)  Total for negative movement - Total for positive movement +								,62				
										134,68			82,79		
					TOTAL MR (K		Fotal for negativ	ve movement -			al for positive i	movement +	83,91		
							Total for negative movement - 1,12 Total for positive movement								

SubProject   Category of Good   Ci202 / STAINLESS STEEL FORGED FITTINGS   Len   Ci202 / STAINLESS STEEL FORGED FITTINGS   Le		Bal	llestra	ı			N	Aaterial Req	uest - Sum	mary (1)		PROJ: 1E	35	<b>REV:</b> 1	08/03/2010
SubProject   Category of Good   Circle   Category of Good   Circle   Circ	PUMA5			08/0	3/2010 11.25.25			_		•		DOC: 1E	35.65.005	•	•
SubProject   Sub				PUM.	A5				N	Material Request	- Summary (	1)			08/03/2010 11.25.25
Pot								1E35 - S				,			
POS   1835 - 65-005     POS   1835 - 65-005   POS	SubProject				Category of Goo	d							MR ID M	IR Number	MR Rev
Mark	P05 / 1E35-65-005						GED FIT	TINGS					1050 1	E35-65-005	1
Drip Ring TA 50.66/3 WAFER 150 LB FF (125=250 AARH) Forged ASTM A 182 GR. F304   2491						Len.				ACTUAL			PREVIOUS	NI	EED
2491	Mark		S1	S2	t T1.	T2 mm P	P.L. U.m	Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	Qty	Quantity	Weight (Kg)
TOTAL FOR COMPONENT (Kg)   Total for negative movement   Total for negative movement   Total for positive movement   Total for negative movement   Total for negative movement   Total for positive movement   Total for negative movement   Total for negative movement   Total for negative movement   Total for negative movement   Total for positive movement   Total for negative movement   Total f	Drip Ring TA 50.65	/3 WAFI	ER 150	LB I	FF (125÷250 AARH)	Forged ASTM	A 182 GI	R. F304							
Total for negative movement   Total for positive movement   Tota	2491	In	2+1	/2 0	mm	0	p1 NR	6,00			6,00	13,47		6,00	13,47
Total for negative movement   Total for positive movement   Total for negative movement   Total for negative movement   Total for positive movement   Total for positive movement   Total for negative movement   Total for negative movement   Total for positive movement   Total for negative movement   Total for negative movement   Total for positive movement   Total for negative movement   Total for negative movement   Total for positive movement   Total for negative movement   Total for negative movement   Total for positive movement   Total for positive movement   Total for negative movement   Total for negative movement   Total for positive movement   Tota					TOTAL FOR	COMPONENT	(Kg)					13,47			13,47
Total for component   Figure   Figure					101112101	00111 0112111	(8)	ר	Total for negati	ive movement -		To	tal for positive	movement +	13,47
TOTAL FOR COMPONENT (Kg)   Total for negative movement   2,45   2,45	90° Elbow TA 50.7/	2 THRD	-F NP	Т 300	00# Forged ASTM A	182 GR. F304									
Total for negative movement - Total for positive movement + 2.45  Tee Straight TA 50.7/2 THRD-F NPT 3000# Forged ASTM A 182 GR. F304  4645 In 1/2 0 mm 0 pl NR 1,00 1,00 29 1,00 29  TOTAL FOR COMPONENT (Kg)  Total for negative movement - Total for positive movement + 2.45  Total for negative movement - Total for positive movement + 2.45  Total for negative movement - Total for positive movement + 2.45  Total for negative movement - Total for positive movement + 2.45  Total for negative movement - Total for positive movement + 2.45  Total for negative movement - Total for positive movement + 2.45  Total for negative movement - Total for positive movement + 2.45  Total for negative movement - Total for positive movement + 2.45  Total for negative movement - Total for positive movement + 2.45  Total for negative movement - Total for positive movement + 2.45  Total for negative movement - Total for positive movement + 2.45  Total for negative movement - Total for positive movement + 2.45  Total for negative movement - Total for positive movement + 2.45  Total for negative movement - Total for positive movement + 2.45  Total for negative movement - Total for positive movement + 2.45	224	In	1/2	0	mm	0	p1 NR	5,00	1,00		6,00	2,45		6,00	2,45
Tee Straight TA 50.6/1 SW-F 3000# Forged ASTM A 182 GR. F304  Tee Straight TA 50.6/1 SW-F 3000# Forged ASTM A 182 GR. F316  Tee Straight TA 50.6/1 SW-F 3000# Forged ASTM A 182 GR. F316  Total for negative movement - Total for positive movement + 2,45  Total for negative movement - Total for positive movement + 2,45  Total for negative movement - Total for positive movement + 2,45  Total for negative movement - Total for positive movement + 2,45  Total for negative movement - Total for positive movement + 2,45  Total for negative movement - Total for positive movement + 2,45  Total for negative movement - Total for positive movement + 2,45  Total for negative movement - Total for positive movement + 2,45  Total for negative movement - Total for positive movement + 2,45  Total for negative movement - Total for positive movement + 2,45  Total for negative movement - Total for positive movement + 2,45  Total for negative movement - Total for positive movement + 2,29  Tee Straight TA 50.6/1 SW-F 3000# Forged ASTM A 182 GR. F316  Total for negative movement - Total for positive movement + 2,29  Tee Straight TA 50.6/1 SW-F 3000# Forged ASTM A 182 GR. F316					TOTAL FOR	COMPONENT	(Kg)		1	•		2,45		1	2,45
Total for negative movement   Total for positive movement   Total for positive movement   Total for negative movement   Total for negative movement   Total for positive movement   Total for positive movement   Total for negative movement   Total for positive movement   Total for positive movement   Total for negative movement   Total for negative movement   Total for positive movement   Total for negative movement   Total for negative movement   Total for positive movement   Total for positive movement   Total for negative movement   Total for positive movement   Total for negative movement   Total for positive movement   Total for positive movement   Total for negative movement   Total for positive movement   Total for negative movement   Total for negative movement   Total for positive movement   Total for negative movement   Tota					TOTALTOR	COM ONEM	(IXg)	ח	Total for negati	ive movement -		To	tal for positive	movement +	2,45
TOTAL FOR COMPONENT (Kg)   Total for negative movement   -	Tee Straight TA 50.	7/2 THRI	D-F N	PT 3	000# Forged ASTM	A 182 GR. F304									
TOTAL FOR COMPONENT (Kg)   Total for negative movement   -	4645	In	1/2	0	mm	0	p1 NR	1,00			1,00	,29		1,00	,29
Tee Straight TA 50.6/1 SW-F 3000# Forged ASTM A 182 GR. F304  4684  In 1/2 0 mm 0 p1 NR 5,00 1,00 6,00 1,71 5,00 1,00 29  TOTAL FOR COMPONENT (Kg)  Total for negative movement - 0 1,71 5,00 1,00 29  Total for negative movement - 0 1,71 5,00 1,00 29  Total for negative movement - 0 1,71 5,00 1,00 2,29  Total for negative movement - 0 1,71 5,00 1,00 2,29  Total for negative movement - 0 1,71 5,00 1,00 2,29  Total for negative movement - 0 1,71 5,00 1,00 2,29  Total for negative movement - 0 1,71 5,00 1,00 2,29  Total for negative movement - 0 1,71 5,00 1,00 2,29  Total for negative movement - 0 1,71 5,00 1,71 5,00 1,71 5,00 1,00 2,29  Total for negative movement - 0 1,71 5,00 1,71 5,00 1,00 2,29  Total for negative movement - 0 1,71 5,00 1,71 5,00 1,00 2,29  Total for negative movement - 0 1,71 5,00 1,71 5,00 1,00 2,29  Total for negative movement - 0 1,71 5,00 1,00 2,29  Total for negative movement - 0 1,71 5,00 1,00 2,29  Total for negative movement - 0 1,71 5,00 1,00 2,29  Total for negative movement - 0 1,71 5,00 1,00 2,29  Total for negative movement - 0 1,71 5,00 1,00 2,29  Total for negative movement - 0 1,71 5,00 1,00 2,29  Total for negative movement - 0 1,71 5,00 1,00 2,29  Total for negative movement - 0 1,71 5,00 1,00 2,29  Total for negative movement - 0 1,71 5,00 1,00 2,29  Total for negative movement - 0 1,71 5,00 1,00 2,29  Total for negative movement - 0 1,71 5,00 1,00 2,29  Total for negative movement - 0 1,71 5,00 1,00 2,29  Total for negative movement - 0 1,71 5,00 1,00 2,29  Total for negative movement - 0 1,71 5,00 1,00 2,29  Total for negative movement - 0 1,71 5,00 1,00 2,29  Total for negative movement - 0 1,71 5,00 1,00 2,29  Total for negative movement - 0 1,71 5,00 2,00 2,57  Total for negative movement - 0 1,71 5,00 2,00 2,57  Total for negative movement - 0 1,71 5,00 2,00 2,00 2,57  Total for negative movement - 0 1,71 5,00 2,00 2,00 2,57  Total for negative movement - 0 1,71 2,00 2,00 2,00 2,57  Total for negative movement - 0 1,71 2,00 2,00 2,00 2,57  Total for negative movement -					TOTAL FOR	COMPONENT	C(Ka)			1		,29			,29
4684 In 1/2 0 mm 0 pl NR 5,00 1,00 6,00 1,71 5,00 1,00 2,29    TOTAL FOR COMPONENT (Kg)					TOTALTOR	COM ONEM	(IXg)	ח	Total for negati	ive movement -	1	To	tal for positive	movement +	,29
4684 In 1/2 0 mm 0 pl NR 5,00 1,00 6,00 1,71 5,00 1,00 2,29    TOTAL FOR COMPONENT (Kg)	Tee Straight TA 50.0	5/1 SW-F	F 3000i	# For	ged ASTM A 182 GI	R. F304	Ш								
TOTAL FOR COMPONENT (Kg)   Total for negative movement	_				_		p1 NR	5,00	1,00		6,00	1,71	5,00	1,00	,29
Tee Straight TA 50.6/1 SW-F 3000# Forged ASTM A 182 GR. F316  In 1/2 0 mm 0 p1 NR 2,00 2,00 5,7 2,00 5,7 5,7 5,7 5,7 5,7 5,7 5,7 5,7 5,7 5,7					TOTAL FOR	COMPONENT		4	II.	1		1,71			,29
4695 <b>In</b> 1/2 0 <b>mm</b> 0 p1 NR 2,00 2,00 ,57 2,00 57					IOIAL FOR	COMPONENT	(Kg)	7	Total for negati	ive movement -		To	tal for positive	movement +	,29
4695 <b>In</b> 1/2 0 <b>mm</b> 0 p1 NR 2,00 2,00 ,57 2,00 57	Tee Straight TA 50.0	5/1 SW-F	F 3000	# For	ged ASTM A 182 GI	R. F316	J.								
57	_				_		p1 NR	2,00			2,00	,57		2,00	,57
TOTAL FOR COMPONENT (Kg)					TOTAL FOR	COMPONENT	r (Ka)		<u>                                     </u>	1		,57		1	,57
Total for negative movement - Total for positive movement + ,57					IOIAL FOR	COMI ONEMI	(IXg)	7	Total for negati	ive movement -		To	tal for positive	movement +	,57
Cross Straight TA 50.7/2 THRD-F NPT 3000# Forged ASTM A 182 GR. F304	Cross Straight TA 50	).7/2 TH	RD-F	NPT	3000# Forged ASTN	1 A 182 GR. F30	)4								
3 In 1/2 0 mm 0 p1 NR 12,00 2,00 14,00 4,00 6,00 8,00 2,29	3	In	1/2	0	mm	0	p1 NR	12,00	2,00		14,00	4,00	6,00	8,00	2,29

		F	PUMA	5						st - Summary (	1)			08/03/2010 11.25.25
							1E35 - SU	JLPHUREX G	H/F					
<b>SubProject</b> P05 / 1E35-65-005				Category of Good 0202 / STAINLES		GED FIT	TINGS					<b>MR ID MI</b> 1050 1E3	R Number 35-65-005	MR Rev
					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)
				TOTAL FOR	COMPONENT	(Kg)					4,00			2,29
						, 0,	Т	otal for negativ	ve movement	-	To	otal for positive m	novement +	2,29
Reducing Insert M/F	TA 50.7	7/2 THE	RD-M	NPT x THRD-F 30	000# Forged AS	TM A 18	32 GR. F304							
905	In	3/4	1/2	mm	0 1	p1 NR						5,00	-5,00	-,56
				TOTAL FOR	COMPONENT	'( <b>K</b> g)								-,56
				10112101	001/12 01/121/12	(8/	T	otal for negativ	ve movement	-	,56 To	otal for positive m	novement +	
Reducing Insert M/F	TA 50.7	7/2 THE	RD-M	NPT x THRD-F 30	000# Forged AS	ГМ А 18	32 GR. F316							
961	In	1	1/4	mm	0 1	p1 NR						1,00	-1,00	-,19
				TOTAL FOR (	COMPONENT	' ( <b>K</b> ø)	<u> </u>		"					-,19
				TOTALTOR	COMI ONEMI	(IIg)	Т	otal for negativ	ve movement	-	,19 To	otal for positive m	novement +	
Coupling TA 50.7/2	THRD-I	F NPT	3000	Forged ASTM A 18	82 GR. F304									
1049	In	1/2	0	mm	0	p1 NR	9,00	1,00		10,00	1,22	2,00	8,00	,98
1051	In	1	0	mm	0 1	p1 NR	13,00	2,00		15,00	4,59	6,00	9,00	2,75
				TOTAL FOR	COMPONENT	(Kg)					5,82			3,73
						8	Т	otal for negativ	ve movement	-	To	otal for positive m	novement +	3,73
Coupling TA 50.7/2	THRD-I	F NPT	3000	Forged ASTM A 18	82 GR. F304H									
1066	In	1	0	mm	0 1	p1 NR	2,00			2,00	,61		2,00	,61
				TOTAL FOR (	COMPONENT	' ( <b>K</b> σ)					,61			,61
				TOTAL FOR	COMI ONEMI	(IXg)	Т	otal for negativ	ve movement	-	To	otal for positive m	novement +	,61
Coupling TA 50.7/2	THRD-I	F NPT	3000	Forged ASTM A 18	82 GR. F316	,								
1071	In	1/2	0	mm	0 1	p1 NR	3,00			3,00	,37		3,00	,37
1073	In	1	0	mm	0 1	p1 NR	2,00			2,00		3,00	-1,00	-,31
				TOTAL FOR	COMPONENT	(Kg)					,98		Į.	,06
					- · · ·	. 3/	Т	otal for negativ	ve movement	-	,31 To	otal for positive m	novement +	,37

		I	PUMA:	5			N	Iaterial Request	- Summary (	1)		0	08/03/2010 11.25.25
_	_					1E35 - SU	LPHUREX G	H/F	_	_			
SubProject				Category of Good	i						MR ID M	R Number	MR Rev
P05 / 1E35-65-0	005			0202 / STAINLES	SS STEEL FORGED FITT	INGS					1050 1E	35-65-005	1
					Len.			ACTUAL			PREVIOUS	NE	ED
Mark		S1	<b>S2</b>	Т1.	T2 mm P.L. U.m	Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	Qty	Quantity	Weight (Kg)
Coupling Half	TA 50.7/2 TH	RD-F	NPT 3	000# Forged ASTM	1 A 182 GR. F304								
1115	In	1/4	0	mm	0 p1 NR	1,00			1,00	,03		1,00	,03
1117	In	1/2	0	mm	0 pl NR	2,00			2,00	,12		2,00	,12
1119	In	1	0	mm	0 p1 NR	3,00			3,00	,46	2,00	1,00	,15
				TOTAL FOR	COMPONENT (Kg)					,61			,31
				TOTALTON	COM ONE (Hg)	Te	otal for negati	ve movement -		То	tal for positive n	novement +	,31
Coupling Half	TA 50.7/2 TH	RD-F	NPT 3	000# Forged ASTM	I A 182 GR. F316								
1141	In	1	0	mm	0 p1 NR						2,00	-2,00	-,31
				TOTAL FOR	COMPONENT (Kg)		· ·	<u>.</u>					-,31
				TOTAL FOR	COMPONENT (Kg)	To	otal for negati	ve movement -		,31 To	tal for positive n	novement +	
Coupling Half	TA 50.6/1 SW	-F 300	0# For	ged ASTM A 182 (	GR. F304								
1156	In	1/2	0	mm	0 p1 NR	14,00	2,00		16,00	2,45	10,00	6,00	,92
				TOTAL FOR	COMPONENT (Kg)		· ·	<u>.</u>		2,45			,92
				TOTAL FOR	COMPONENT (Kg)	Te	otal for negati	ve movement -		То	tal for positive n	novement +	,92
Coupling Half	TA 50.6/1 SW	-F 300	0# For	ged ASTM A 182 (	GR. F316								
1167	In	1/2	0	mm	0 p1 NR						2,00	-2,00	-,31
				TOTAL FOR	COMPONENTE (IZ.)								-,31
				IOIAL FOR	COMPONENT (Kg)	Te	otal for negati	ve movement -		,31 To	tal for positive n	novement +	
Plug Hex. TA 5	50.7/2 THRD-	M NP	Г 3000	# Forged ASTM A	182 GR. F304								
1180	In	1/2	0	mm	0 p1 NR	14,00	2,00		16,00	2,12	10,00	6,00	,80
1182	In	1	0	mm	0 p1 NR	1,00			1,00	,36		1,00	,36
				TOTAL FOR	COMPONENT (Kg)			'		2,48			1,15
				TOTAL FUR	COMITOMENT (Ng)	<b>T</b>	4.16	ve movement -			tal for positive n	, [	1,15

		P	UMA5					aterial Request	- Summary (	1)		(	08/03/2010 11.25.2
						1E35 - SU	LPHUREX GI	I/F					
<b>SubProject</b> P05 / 1E35-65-005				Category of Good 0202 / STAINLES	I S STEEL FORGED F	ITTINGS					MR ID MI 1050 1E	R Number 35-65-005	MR Rev
Mark		S1	S2	T1.	Len. T2 mm P.L. U.r	n Take Off	Surplus	ACTUAL Manual	Tot Qty	Tot. W. (Kg)	PREVIOUS Oty	NE Quantity	ED Weight (Kg)
Union TA 50.7/2 TF	IRD-F N	-	-				~ <b>F</b>						8 (8)
1247	In	1/2		mm	0 p1 NI	3,00			3,00	,92		3,00	,92
				TOTAL FOR (	COMPONENT (Kg)					,92			,92
				TOTAL FOR	COMI ONENI (Kg)	Т	otal for negativ	e movement -		To	tal for positive m	novement +	,92
Union TA 50.6/1 SV	V-F 3000	# Forge	d AST	M A 182 GR. F304	ı								
1286	In	1/2	0	mm	0 p1 NI	7,00	1,00		8,00	3,10	4,00	4,00	1,55
				TOTAL FOR O	COMPONENT (Kg)					3,10			1,55
						Т	otal for negativ	e movement -		To	tal for positive n	novement +	1,55
Coupling Reducing	TA 50.7/	2 THRI	D-F NI	PT 3000# Forged A	STM A 182 GR. F304								
4390	In	1/2	1/4	mm	0 p1 NI	16,00	2,00		18,00	,55		11,00	,34
				TOTAL FOR O	COMPONENT (Kg)					,55		Ī	,34
						Т	otal for negativ	e movement -		To	tal for positive m	novement +	,34
Cap TA 50.7/2 THR	D-F NP	Т 3000#	Forge	d ASTM A 182 GF	R. F304								
4539	In	1/2		mm	0 p1 NI	-	1,00		7,00	,86		-3,00	-,37
4543	In	1+1/2	2 0	mm	0 p1 NI	1,00			1,00	,77		1,00	,77
				TOTAL FOR O	COMPONENT (Kg)					1,62			,4(
						T	otal for negativ	e movement -		,37 To	tal for positive m	novement +	,77,
Cap TA 50.7/2 THR	D-F NP	Т 3000#	Forge	d ASTM A 182 GF	R. F316								
4561	In	1/2	0	mm	0 p1 NI	R					2,00	-2,00	-,24
				TOTAL FOR O	COMPONENT (Kg)							T	-,24
						Т	otal for negativ	e movement -		,24 To	tal for positive m	novement +	
					TOTAL MR (Kg)					41,63			27,72
					1017IL MIK (Kg)	То	tal for negative	movement -		2,29 To	tal for positive m	ovement +	30,01

	Bal	lestra				ľ	Material Req	uest - Sumn	nary (1)		PROJ: 1E	35	<b>REV:</b> 1	08/03/2010
PUM	IA5	(	08/03/2	2010 11.25.56			-	•	•		DOC: 1E	35.65.005	•	
		I	PUMA5	i				M	aterial Request	- Summary (	1)		0	8/03/2010 11.25.56
						l .	1E35 - S	ULPHUREX GI		• • •	,		l .	
<b>SubProject</b> P05 / 1E35-65-0	005			Category of God 0205 / GALVAN		ON STEEL	FORGED FITTIN	IGS				MR ID MI 1060 1E	<b>R Number</b> 35-65-005	MR Rev
Mark		S1	S2	T1.	Lei . T2 mi	n. n P.L. U.m	Take Off	Surplus	ACTUAL Manual	Tot Qty	Tot. W. (Kg)	PREVIOUS Qty	NE Quantity	ED Weight (Kg)
45° Elbow TA 5	0.7/2 THRD	F NP	Г 3000	# Forged ASTM A	105 Galvani	zed								
84	In	1/2	0	mm		0 p1 NR	1,00			1,00	,32		1,00	,32
				TOTAL FOR	COMPONI	ENT (Kø)		<u> </u>			,32			,32
				101112101	001111 0111	2111 (11g)	ר	Total for negativ	e movement -		То	tal for positive n	novement +	,32
90° Elbow TA 5	0.7/2 THRD	F NP	Г 3000	# Forged ASTM A	. 105 Galvani	zed								
252	In	1/2	0	mm		0 pl NR	99,00	15,00		114,00	45,60	20,00	94,00	37,60
254	In	1	0	mm		p1 NR	24,00	5,00		29,00	31,90	15,00	14,00	15,40
				TOTAL FOR	COMPONI	ENT (Kg)					77,50			53,00
							ר	Total for negativ	e movement -		То	tal for positive n	novement +	53,00
Tee Reducing T	A 50.7/2 THI	RD-F I	NPT 30	000# Forged ASTN	/I A 105 Galv	anized								
2765	In	1	1/2	mm		0 p1 NR	68,00	10,00		78,00	44,46	15,00	63,00	35,91
2772	In	1+1/	2 1	mm		p1 NR	6,00	1,00		7,00	8,96	,	4,00	5,12
				TOTAL FOR	COMPONI	ENT (Kg)					53,42			41,03
							7	Total for negativ	e movement -	•	То	tal for positive n	novement +	41,03
Tee Straight TA	50.7/2 THRI	D-F NI	PT 300	0# Forged ASTM	A 105 Galva	nized								
4673	In	1/2	0	mm		0 p1 NR	1,00			1,00	,28	1,00		
4675	In	1	0	mm		p1 NR	4,00	1,00		5,00	2,85	3,00	2,00	1,14
				TOTAL FOR	COMPONI	ENT (Kg)					3,13			1,14
							7	Total for negativ	e movement -	•	То	tal for positive n	novement +	1,14
Coupling TA 50	).7/2 THRD-I	NPT	3000#	Forged ASTM A	105 Galvaniz	ed								
1077	In	1/2	0	mm		p1 NR	23,00	5,00		28,00	3,36	10,00	18,00	2,16
1079	In	1	0	mm		0 p1 NR	34,00	7,00		41,00	12,30	20,00	21,00	6,30

		]	PUMA5						Material Reque	st - Summary (	1)			08/03/2010 11.25.56
							1E35 - SU	LPHUREX (	SH/F					
SubProject				<b>Category of Good</b>								MR ID M	R Number	MR Rev
P05 / 1E35-65-005				0205 / GALVANIZ	ED CARBON	N STEEL	FORGED FITTING	GS				1060 1E	35-65-005	1
					Len.				ACTUAL			PREVIOUS	NI	EED
Mark		S1	S2	T1.	T2 mm		Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	Qty	Quantity	Weight (Kg)
1081	In	1+1/	2 0	mm	0	p1 NR	8,00	1,00		9,00	9,00		4,00	-
				TOTAL FOR C	OMPONEN'	T (Kg)					24,66			12,46
							To	otal for negat	ive movement	-	To	tal for positive r	novement +	12,46
Plug Hex. TA 50.7/2	THRD-	M NP	T Forge	ed ASTM A 105 Gal	vanized									
1169	In	1/2	0	mm	0	p1 NR						5,00	-5,00	-,65
1171	In	1	0	mm	0	p1 NR	4,00	1,00		5,00	1,75	2,00	3,00	,
				TOTAL FOR C	OMPONEN'	T (Kg)					1,75			,40
						\ <b>8</b> /	To	otal for negat	ive movement	-	,65 To	otal for positive r	novement +	1,05
Union TA 50.7/2 TH	RD-F N	IPT 30	00# Fo	rged ASTM A 105 G	alvanized									
1275	In	1/2	0	mm	0	p1 NR	3,00	1,00		4,00	1,20	7,00	-3,00	-,90
1277	In	1	0	mm	0	p1 NR	2,00			2,00	1,30	2,00		
				TOTAL FOR C	OMPONEN'	T (Kg)					2,50			-,90
						ν 8/	To	otal for negat	ive movement	-	, <mark>90</mark> To	tal for positive r	novement +	
Coupling Reducing T	ΓA 50.7/	2 THR	D-F N	PT 3000# Forged AS	STM A 105 G	alvanized	1							
4429	In	1+1/	/2 1	mm	0	p1 NR	2,00			2,00	,20	1,00	1,00	,10
				TOTAL FOR C	OMPONEN	Τ (Κσ)					,20			,10
				TOTALLONG	OIM OILI	1 (116)	To	otal for negat	ive movement	-	To	otal for positive r	novement +	,10
Cap TA 50.7/2 THRI	D-F NP	T 3000	# Forg	ed ASTM A 105 Gal	vanized									
4567	In	1/2	0	mm		p1 NR	3,00	1,00		4,00	,48	3,00	1,00	,12
4569	In	1	0	mm		p1 NR	7,00	1,00		8,00	2,00		4,00	
				TOTAL FOR C	OMPONEN'	T (Ka)	1				2,48			1,12
				TOTAL FOR C	OMI ONEM	I (Kg)	To	otal for negat	ive movement	-	To	tal for positive r	novement +	1,12
											165,96			108,67
					TOTAL M	R (Kg)	Tota	al for negativ	ve movement	-		tal for positive n	novement +	110,22
														-,

	Bal	lestra						M	aterial Re	equest - Sun	nmary (1)		PROJ: 1E	235	<b>REV:</b> 1	08/03/2010
PUMA5		(	08/03	/2010 11.26.28	8					-			DOC: 1E	35.65.005		
		I	PUMA	15	_						Material Reque	st - Summary (	1)			08/03/2010 11.26.28
									1E35 -	SULPHUREX		,			l e	
SubProject				Category of	f Good									MR ID M	R Number	MR Rev
P05 / 1E35-65-005				0301 / CAR	BON S	TEEL B	W FIT	TINGS						1070 1E	35-65-005	1
						I	en.				ACTUAL			PREVIOUS	NE	EED
Mark		S1	S2		T1.	T2 1	mm P	.L. U.m	Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	Qty	Quantity	Weight (Kg)
45° Elbow Long Radi	ius ASN	IE B16	5.9 BE	E Seamless AS	TM A 2	234 GR.	WPB									
117	In	2	0	mm	3,91		0 p	ol NR	2,00			2,00	,63		2,00	,63
				TOTAL	FOR C	COMPO	NENT	( <b>K</b> g)					,63			,63
				101112	- 011 0		. , ,	(8)		Total for nega	tive movement	-	To	tal for positive 1	novement +	,63
45° Elbow Long Radi	ius ASM	IE B16	5.9 BE	E E.R.W. ASTI	M A 23	4 GR. W	'PB	<u>,                                      </u>								
129	In	3	0	mm	3,18		0 p	ol NR	1,00			1,00	,60	2,00	-1,00	-,60
130	In	4	0	mm	3,18		0 F	ol NR	2,00			2,00	2,04		2,00	2,04
133	In	6	0	mm	3,96		0 F	ol NR	8,00	1,00		9,00	25,66	6,00	3,00	8,55
136	In	10	0	mm	3,96		0 p	ol NR	4,00			4,00	35,01	1,00	3,00	26,25
138	In	12	0		4,78		0 F	ol NR	1,00			1,00	13,58		1,00	13,58
5570	In	14	0		4,78		0 F	ol NR	9,00			10,00	-		5,00	85,32
139	In	14	0	mm	6,35		0 p	ol NR	3,00			3,00		3,00		
				TOTAL	FOR C	COMPO	NENT	(Kg)					315,54			135,14
								, O,		Total for nega	tive movement	-	,60 To	tal for positive 1	novement +	135,74
45° Elbow Long Radi	ius ASM	IE B16	5.9 BE	E Wrought S A	STM A	234 GR	. WPB	;								
155	In	3/4	0	mm	2,87		0 p	ol NR	2,00			2,00	,06		2,00	,06
156	In	1	0	mm	3,38		0 p	ol NR	3,00	1,00		4,00	,27	2,00	2,00	,14
158	In	1+1/	2 0	mm	3,68		0 F	ol NR	3,00			3,00	,55	2,00	1,00	,18
159	In	2	0	mm	3,91		0 p	ol NR	3,00			3,00	,		-1,00	-,31
				TOTAL	FOR C	COMPO	NENT	(Kg)					1,82			,06
								` 8′		Total for nega	tive movement	-	,31 To	otal for positive 1	novement +	,38
90° Elbow Long Radi	ius ASM	IE B16	5.9 BE	E Seamless AS	TM A 2	234 GR.	WPB									
284	In	1+1/	2 0	mm	3,68		0 p	ol NR	2,00			2,00	,74		2,00	,74

		]	PUMA	5						N	Aaterial Request	- Summary (	1)			08/03/2010 11.26.28
									1E35 - SI	U <b>LPHUREX</b> G	H/F					
SubProject				Category o	of Good	<u> </u>								MR ID M	R Number	MR Rev
P05 / 1E35-65-005				0301 / CAF			BW F	ITTINGS						1070 1E	35-65-005	1
							Len.				ACTUAL			PREVIOUS	NE	EED
Mark		S1	<b>S2</b>		T1.	T2	mm	P.L. U.m	Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	Qty	Quantity	Weight (Kg)
285	In	2	0	mm	3,91		0	p1 NR	4,00	1,00		5,00	3,32		5,00	3,32
				TOTAL	FOR (	OMP	ONEN	JT (Ka)	·		·		4,06			4,06
				TOTAL	TOR	JOIVII	OILLI	(I (IXg)	T	otal for negati	ive movement -		To	tal for positive r	novement +	4,06
90° Elbow Long Rad	lius ASN	ЛЕ В16	5.9 BE	E.R.W. AST	M A 23	4 GR.	WPB									
296	In	2+1	2 0	mm	3,18		0	p1 NR	2,00			2,00	1,59		2,00	1,59
297	In	3	0	mm	3,18		0	p1 NR	58,00	6,00		64,00	75,30	30,00	34,00	40,00
298	In	4	0	mm	3,18		0	p1 NR	46,00	7,00		53,00	109,55	20,00	33,00	68,21
301	In	6	0	mm	3,96		0	p1 NR	22,00	3,00		25,00	141,57	8,00	17,00	96,27
302	In	8	0	mm	3,96		0	p1 NR	3,00			3,00	29,70		3,00	29,70
304	In	10	0	mm	3,96		0	p1 NR	20,00	2,00		22,00	347,61	6,00	16,00	252,81
305	In	10	0	mm	4,78		0	p1 NR						5,00	-5,00	-95,36
306	In	12	0	mm	4,78		0	p1 NR	16,00	2,00		18,00	487,85	8,00	10,00	271,03
5572	In	14	0	mm	4,78		0	p1 NR	35,00	4,00		39,00	1.331,04	10,00	29,00	989,75
307	In	14	0	mm	6,35		0	p1 NR	7,00	1,00		8,00	362,71	6,00	2,00	90,68
5606	In	16	0	mm	4,78		0	p1 NR	2,00			2,00	89,58		2,00	89,58
308	In	16	0	mm	6,35		0	p1 NR	1,00			1,00	59,50	1,00		
311	In	24	0	mm	6,35		0	p1 NR	2,00			2,00	269,24	1,00	1,00	134,62
				TOTAL	FOR (	COMP	ONEN	JT (Kσ)					3.305,24			1.968,87
				101112			01,21	(118)	T	otal for negati	ive movement -	9	5,36 To	tal for positive r	novement +	2.064,23
90° Elbow Long Rad	lius ASN	⁄IЕ В16	5.9 BE	Wrought S A	ASTM A	234 G	R. W	PB								
323	In	3/4	0	mm	2,87		0	p1 NR	5,00	1,00		6,00	,52		6,00	,52
324	In	1	0	mm	3,38		0	p1 NR	95,00	14,00		109,00	14,74	40,00	69,00	9,33
326	In	1+1	/2 0	mm	3,68		0	p1 NR	57,00	6,00		63,00	23,18	40,00	23,00	8,46
327	In	2	0	mm	3,91		0	p1 NR	37,00	6,00		43,00	28,58	25,00	18,00	11,96
				TOTAL	FOR (	OMP	ONEN	JT (Kg)					67,02			30,27
				IOIAL	TOR	JUNIT	OTATEL.	11 (Mg)	Т	otal for negati	ive movement -		To	tal for positive r	novement +	30,27

	PUMA5										N	Material Reque	st - Summary (	1)		0	8/03/2010 11.26.28
										1E35 -	SULPHUREX (	SH/F					
SubProject			(	Category of	f Good	l									MR ID MI	R Number	MR Rev
P05 / 1E35-65-005				301 / CAR			BW F	TITTIN	GS						1070 1E3	35-65-005	1
							Len.					ACTUAL			PREVIOUS	NE	FD
Mark		S1	S2		T1.	T2		P.L. U	.m 1	Γake Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	Qty	Quantity	Weight (Kg)
Reducer Concentric A	ASME E	316.9 B	BE E.R.W	. ASTM A	234 G	R. WP	В										
6084	In	3	1	mm	3,18	3,38	0	p1 1	NR	1,00			1,00	,57		1,00	,57
1645	In	3	1+1/2	mm	3,18	3,68	0	p1 1	NR	3,00			3,00	1,72	2,00	1,00	,57
1646	In	3	2	mm	3,18	3,91	0	p1 l	NR	4,00	1,00		5,00	2,86	2,00	3,00	1,72
1647	In	3	2+1/2	mm	3,18	3,18	0	p1 1	NR .	1,00			1,00	,57	2,00	-1,00	-,57
1648	In	4	1+1/2	mm	3,18	3,68	0	p1 1	NR .						1,00	-1,00	-,86
1649	In	4	2	mm	3,18	3,91	0	p1 1	NR	6,00	1,00		7,00	6,01	3,00	4,00	3,43
1650	In	4	2+1/2	mm	3,18	3,18	0	p1 1	NR	1,00			1,00	,86		1,00	,86
1651	In	4	3	mm	3,18	3,18	0	p1 1	NR	8,00	1,00		9,00	7,73	5,00	4,00	3,43
1659	In	5	4	mm	3,96	3,18	0	p1 1	NR						1,00	-1,00	-1,74
1661	In	6	3	mm	3,96	3,18	0	p1 1	NR	1,00			1,00	2,18		1,00	2,18
1662	In	6	4	mm	3,96	3,18	0	p1 1	NR	1,00			1,00	2,18	1,00		
1670	In	8	6	mm	3,96	3,96	0	p1 1	NR	1,00			1,00	3,17		1,00	3,17
1677	In	10	6	mm	3,96	3,96	0	p1 1	NR	4,00			4,00	18,22	1,00	3,00	13,66
1679	In	10	8	mm	3,96	3,96	0	p1 1	NR	2,00			2,00	9,11	1,00	1,00	4,55
1686	In	12	10	mm	4,78	3,96	0	p1 1	NR	5,00			5,00	37,76	3,00	2,00	15,10
1687	In	12	10	mm	4,78	4,78	0	p1 1	NR	1,00			1,00	7,55		1,00	7,55
5598	In	14	12	mm	4,78	4,78	0	p1 1	NR	1,00			1,00	13,53		1,00	13,53
1693	In	14	12	mm	6,35	4,78	0	p1 1	NR						1,00	-1,00	-17,97
5627	In	16	12	mm	4,78	4,78	0	p1 1	NR	1,00			1,00	16,59		1,00	16,59
5632	In	16	14	mm	4,78	4,78	0	p1 1	NR	2,00			2,00	33,17		2,00	33,17
1699	In	16	14	mm	6,35	6,35	0	p1 1	NR	2,00			2,00	44,07	1,00	1,00	22,03
				TOTAL	FOR (	OMP	ONE	NT (Ko	)					207,84			120,99
				101112		301,11	0.12.	(11)	,		Total for negat	ive movement	- 2	1,14 To	tal for positive n	novement +	142,13
Reducer Concentric A	ASME E	316.9 B	BE Wroug	ght S ASTM	1 A 23	4 GR. '	WPB										
1749	In	1	1/2	mm	3,38	2,77	0	p1 1	NR	9,00	2,00		11,00	1,49	5,00	6,00	,81
1750	In	1	3/4	mm	3,38	2,87	0	p1 1	NR	2,00			2,00	,27		2,00	,27
1754	In	1+1/	2 1/2	mm	3,68	2,77	0	p1 1	NR						1,00	-1,00	-,26

		P	UMA5								Material Request	- Summary (	1)		(	08/03/2010 11.26.28
									1E35 - SU	JLPHUREX (	SH/F					
SubProject			Ca	ategory o	of Good	ì								MR ID M	R Number	MR Rev
P05 / 1E35-65-005			03	01 / CAF	RBON	STEEL	BW F	TITTINGS						1070 1E	235-65-005	1
							Len.				ACTUAL			PREVIOUS	NE	ED
Mark		S1	S2		T1.	T2	mm	P.L. U.m	Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	Qty	Quantity	Weight (Kg)
1755	In	1+1/2	2 3/4	mm	3,68	2,87	0	p1 NR	1,00			1,00	,26		1,00	,26
1756	In	1+1/2	2 1	mm	3,68	3,38	0	p1 NR	7,00	1,00		8,00	2,06	2,00	6,00	1,55
1758	In	2	3/4	mm	3,91	2,87	0		3,00			3,00	1,29	1,00	2,00	,86
1759	In	2	1	mm	3,91	3,38	0	p1 NR						1,00	-1,00	-,43
1761	In	2	1+1/2	mm	3,91	3,68	0	p1 NR	1,00			1,00	,43	2,00	-1,00	-,43
				TOTAL	FOR	СОМР	ONE	NT (Kø)					5,80			2,63
				101112		00.011	01121	(119)	T	otal for negat	ive movement -		1,12 Tot	tal for positive 1	novement +	3,75
Reducer Eccentric AS	ME B1	16.9 BE	E.R.W. A	ASTM A	234 GF	R. WPB										
5797	In	3	1+1/2	mm	3,18	3,68	0	p1 NR	1,00			1,00	,57		1,00	,57
2076	In	4	3	mm	3,18	3,18	0	p1 NR	2,00			2,00	1,72	2,00		
2086	In	6	3	mm	3,96	3,18	0	p1 NR	1,00			1,00	2,18	1,00		
2090	In	8	4	mm	3,96	3,18	0	p1 NR	1,00			1,00	3,17		1,00	3,17
2092	In	8	5	mm	3,96	3,96	0	p1 NR	1,00			1,00	3,17		1,00	3,17
2102	In	10	6	mm	3,96	3,96	0	p1 NR	1,00			1,00	4,55	1,00		
2114	In	14	8	mm	6,35	3,96	0	p1 NR	1,00			1,00	17,97		1,00	17,97
5595	In	14	10	mm	4,78	3,96	0	p1 NR	2,00			2,00	27,05		2,00	27,05
2116	In	14	10	mm	6,35	3,96	0	p1 NR	1,00			1,00	17,97		1,00	17,97
				TOTAL	FOR	СОМР	ONE	NT (Kø)					78,35			69,90
				101/12	TOR	COM	011121	(11g)	T	otal for negat	ive movement -		Tot	tal for positive 1	novement +	69,90
Reducer Eccentric AS	ME B1	16.9 BE	Wrought	S ASTM	A 234	GR. W	PB									
2174	In	1	1/2	mm	3,38	2,77	0	p1 NR	1,00			1,00	,14		1,00	,14
2181	In	1+1/2	2 1	mm	3,68	3,38	0	p1 NR						2,00	-2,00	-,52
				TOTAL	FOD	COMP	ONE	NT (Ka)					,14			-,38
				TOTAL	TOR	COMIT	O14151	Total for negative movement - ,52 Total for positive mov						novement +	,14	
90° Miter TA 50.84/6	BE W	elded A	STM A 5	15 GRAD	DE 70 F	R=1.5 D										
3211	In	36	0	mm	6,0		0	p1 NR	1,00			1,00	303,60	2,00	-1,00	-303,60
										1						

		P	UMA:	5					1	Material Reques	st - Summary (	1)			08/03/2010 11.26.28
								1E35 -	SULPHUREX (	SH/F					
SubProject				Category o	f Good								MR ID M	IR Number	MR Rev
P05 / 1E35-65-005						TEEL BW F	ITTINGS						1070 1	E35-65-005	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)
				TOTAL	FOR C	OMPONEN	JT ( <b>K</b> σ)					303,60			-303,60
				TOTAL	TORC	OM ONE	(IIg)		Total for negat	ive movement	- 30	03,60 To	tal for positive	movement +	
Cap ASME B16.9 B	E Seaml	ess AS	ГМ А	234 GR. WP	В										
4455	In	1	0	mm	3,38	0	p1 NR	4,00			4,00	,41	4,00		
4457	In	1+1/2	2 0	mm	3,68	0	p1 NR	6,00	1,00		7,00	1,29	5,00	2,00	,37
4458	In	2	0	mm	3,91	0	p1 NR	6,00	1,00		7,00	2,19	2,00	5,00	1,56
4460	In	3	0	mm	3,18	0	p1 NR	4,00	1,00		5,00	2,07	3,00	2,00	,83
4464	In	6	0	mm	3,96	0	p1 NR	4,00	1,00		5,00	10,10		5,00	10,10
4465	In	8	0	mm	3,96	0	p1 NR	1,00			1,00	2,65		1,00	2,65
4467	In	10	0	mm	3,96	0	p1 NR	2,00			2,00	8,55		2,00	8,55
4470	In	14	0	mm	6,35	0	p1 NR	1,00			1,00	11,37		1,00	11,37
				TOTAL	FOR C	OMPONEN	JT ( <b>K</b> σ)					38,62			35,43
							(118)		Total for negat	ive movement	-	To	otal for positive	movement +	35,43
						TOTAL N	ID (Kg)					4.328,64			2.063,99
					TOTAL MR (Kg)				Total for negativ	ve movement -	42	22,65 To	tal for positive	movement +	2.486,65

	Bal	lestra	ı				N	Aaterial Requ	iest - Sum	mary (1)		PROJ: 1E	135	<b>REV:</b> 1	08/03/2010
PUMA	15		08/03	3/2010 11.26.5	50							DOC: 1E	35.65.005		•
			PUMA	<b>\</b> 5					N	Material Request	- Summary (	1)			08/03/2010 11.26.50
							•	1E35 - SU	LPHUREX G	SH/F				•	
SubProject				Category	of Good								MR ID M	R Number	MR Rev
P05 / 1E35-65-00	5			0302 / STA	INLESS	STEEL B	W FITTING	SS					1080 1E	35-65-005	1
						Len				ACTUAL			PREVIOUS	NE	CED
Mark		S1	S2		T1.	T2 mn	P.L. U.m	Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	Qty	Quantity	Weight (Kg)
45° Elbow Long F	Radius ASN	1E B1	6.9 BI	E Wrought S A	ASTM A	403 GR. V	VP304								
160	In	3/4	0	mm	2,87	(	) p1 NR	1,00			1,00	,03		1,00	,03
161	In	1	0	mm	3,38	(	) p1 NR	1,00			1,00	,07	1,00		
163	In	1+1	/2 0	mm	3,68	(	) p1 NR	7,00	1,00		8,00	1,50	1,00	7,00	1,31
164	In	2	0	mm	3,91	(	) p1 NR	10,00	1,00		11,00	3,51	4,00	7,00	2,23
				TOTAL	FOR C	OMPONE	NT (Kø)					5,11			3,58
				101112	TORC	OIM OIL	(11g)	Te	otal for negati	ive movement -		To	otal for positive r	novement +	3,58
45° Elbow Long F	Radius ASN	1E B1	6.9 BI	E Wrought S A	ASTM A	403 GR. V	VP316								
169	In	2	0	mm	3,91	(	p1 NR						2,00	-2,00	-,64
				TOTAL	FOR C	OMPONE	NT (Kg)								-,64
							(8)	To	otal for negati	ive movement -		,64 To	otal for positive r	novement +	
45° Elbow Long F	Radius ASN	1E B1	6.9 BI	E Wrought W	ASTM A	A 403 GR.	WP304								
171	In	3	0	mm	2,11	(	) p1 NR	3,00			3,00	1,23	1,00	2,00	,82
172	In	4	0	mm	2,11	(	) p1 NR	2,00			2,00	1,38	1,00	1,00	,69
				ТОТАІ	FOR C	OMPONE	NT (Kg)					2,61			1,51
				TOTAL	TORC	OMI ONE	ATT (INg)	Te	otal for negati	ive movement -		To	tal for positive r	novement +	1,51
45° Elbow Long F	oow Long Radius ASME B16.9 BE Wrought W ASTM A 403 G						WP316								
184	In	3	0	mm	2,11	(	p1 NR	2,00			2,00	,82	1,00	1,00	,41
187	In	6	0	mm			) p1 NR						3,00	-3,00	-6,10
188	In	8	0	mm	2,77	(	p1 NR	1,00			1,00	3,84		1,00	3,84
				ТОТАТ	FOR C	OMPONE	NT (Kg)	'	•	,		4,66			-1,85
				IOIAL	TORC	OMIT ONE	411 (Mg)	To	otal for negati	ive movement -		6,10 To	tal for positive r	novement +	4,25

			PUMA	5						aterial Request -	- Summary (1	1)		(	08/03/2010 11.26.50
								1E35 - SU	JLPHUREX GI	H/F					
<b>SubProject</b> P05 / 1E35-65-005				Category o		S STEEL BW I	FITTING	S					MR ID MI 1080 1E	<b>R Number</b> 35-65-005	MR Rev
						Len.				ACTUAL	m . o.	T . TT (TT )	PREVIOUS		ED
Mark		S1	S2		T1.	T2 mm I	P.L. U.m	Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	Qty	Quantity	Weight (Kg)
90° Elbow Long Ra	dius ASN	IE B1	6.9 BE	Wrought S A	ASTM A	403 GR. WP3	304								
328	In	3/4	0	mm	2,87	0	p1 NR	17,00	3,00		20,00	1,76	15,00	5,00	,44
329	In	1	0	mm	3,38	0	p1 NR	32,00	3,00		35,00	4,83	15,00	20,00	2,76
331	In	1+1	/2 0	mm	3,68	0	p1 NR	44,00	2,00		46,00	17,27	15,00	31,00	11,64
332	In	2	0	mm	3,91	0	p1 NR	63,00	2,00		65,00	44,09	30,00	35,00	23,74
				TOTAL	FOR C	OMPONENT	Γ (Κσ)					67,94			38,58
				101112		01/11/01/11/1	(8)	Т	otal for negativ	e movement -		Tot	tal for positive r	novement +	38,58
90° Elbow Long Ra	dius ASN	1E B1	6.9 BE	Wrought S A	ASTM A	. 403 GR. WP3	316								
334	In	1	0		3,38		p1 NR	3,00			3,00	,41	2,00	1,00	,14
337	In	2	0	mm	3,91	0	p1 NR	4,00			4,00	2,71	10,00	-6,00	-4,07
				ТОТАТ	EOD (	COMPONENT	F (Va)	11		,		3,13	"		-3,93
				TOTAL	TOR	OMI OMEMI	(Kg)	T	otal for negativ	e movement -		4,07 Tot	tal for positive r	novement +	,14
90° Elbow Long Ra	dius ASN	IE B1	6.9 BE	Wrought W	ASTM A	A 403 GR. WP	2304								
338	In	2+1	/2 0	mm	2,11	0	p1 NR	1,00			1,00	,54		1,00	,54
339	In	3	0	mm	2,11	0	p1 NR	16,00	1,00		17,00	13,54	15,00	2,00	1,59
340	In	4	0	mm	2,11	0	p1 NR	11,00	1,00		12,00	16,79	10,00	2,00	2,80
345	In	12	0	mm	3,96	0	p1 NR	2,00			2,00	45,82		2,00	45,82
346	In	14	0	mm	3,96	0	p1 NR	2,00			2,00	57,70		2,00	57,70
347	In	16	0	mm	4,19	0	p1 NR	3,00			3,00	120,18	2,00	1,00	40,06
				TOTAL	FOR C	OMPONENT	Γ (Κσ)					254,57			148,51
				101112		ONII ONENI	(119)	Т	otal for negativ	e movement -		Tot	tal for positive r	novement +	148,51
90° Elbow Long Ra	dius ASN	1E B1	6.9 BE	Wrought W	ASTM A	A 403 GR. WP	2316								
352	In	3	0	mm	2,11	0	p1 NR	6,00			6,00	4,78	4,00	2,00	1,59
353	In	4	0	mm	2,11	0	p1 NR	21,00	1,00		22,00	30,79	8,00	14,00	19,59
355	In	6	0	mm	2,77	0	p1 NR	8,00	1,00		9,00	36,38	10,00	-1,00	-4,04
356	In	8	0	mm	2,77	0	p1 NR						4,00	-4,00	-28,26

		P	UMA5								Material Request	- Summary (	1)			08/03/2010 11.26.50
									1E35 -	SULPHUREX	GH/F					
<b>SubProject</b> P05 / 1E35-65-005				Category o			EL BW	V FITTING	GS						IR Number E35-65-005	MR Rev
							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)
				TOTAL	FOR	COMP	ONE	NT (Kg)					71,94			-11,12
								, 0,		Total for nega	tive movement -	3	2,31 To	tal for positive	movement +	21,19
90° Elbow Long Radi	us ASN	ИЕ В16.	.9 BE V	Velded AST	ГМ А 4	03 GR.	WP30	)4								
372	In	14	0	mm	4,78		0	p1 NR	2,00			2,00	69,65		2,00	69,65
373	In	16	0	mm	4,78		0	p1 NR	4,00			4,00	182,80		4,00	182,80
376	In	24	0	mm	6,35		0	p1 NR	1,00			1,00	137,36		1,00	137,36
				TOTAL	FOR	COMP	ONE	NT (Kg)					389,81			389,81
				101112	TOR	001/11	01121	(118)		Total for nega	tive movement -		To	tal for positive	movement +	389,81
90° Elbow Long Radi	us ASN	⁄IЕ В16.	.9 BE V	Velded AST	ГМ А 4	03 GR.	WP30	04H RX 20	0%							
386	In	16	0	mm	4,78		0	p1 NR	4,00			4,00	182,80	2,00	2,00	91,40
				TOTAL	FΩP	COMP	ONE	NT (Kg)					182,80			91,40
				TOTAL	TOR	COM	OIVE	(Kg)		Total for nega	tive movement -		To	tal for positive	movement +	91,40
Reducer Concentric A	ASME I	316.9 B	E Wrou	ight S AST	M A 40	)3 GR. V	WP30	4								
1762	In	3/4	1/2	mm	2,87	2,77	0	p1 NR	13,00	2,00		15,00	,88	2,00	13,00	,76
1763	In	1	1/2			2,77	0	r				2,00	,28		2,00	,28
1764	In	1	3/4		3,38		0							1,00		-,14
1767	In	1+1/4		mm		3,38	0					1,00	,18		1,00	,18
1768	In	1+1/2	2 1/2	mm			0	r				2,00	,53		2,00	,53
1769	In	1+1/2	2 3/4		3,68		0	r				1,00	,26		1,00	,26
1773	In	2	1			3,38	0	I .		1,00		12,00	5,27	· ·	,	3,07
1774	In	2	1+1/4		3,91		0	r				2,00	,88		2,00	,88
1775	In	2	1+1/2	2 mm	3,91	3,68	0	p1 NR	11,00	1,00		12,00	5,27		8,00	3,51
				TOTAL	FOR	COMP	ONE	NT (Kg)					13,53			9,33
									Total for nega	tive movement -		,14 To	tal for positive	movement +	9,47	
Reducer Concentric A	ASME I	316.9 B	E Wrot	ight S AST	M A 40	)3 GR. V	WP31	6			,	<del> </del>				
1776	In	3/4	1/2	mm	2,87	2,77	0	p1 NR						1,00	-1,00	-,06

			PUMA5								Material Request	- Summary (	1)		(	08/03/2010 11.26.50
									1E35 - SU	LPHUREX	GH/F					
<b>SubProject</b> P05 / 1E35-65-005				ategory o			LBV	V FITTING	S					MR ID MI 1080 1E	<b>R Number</b> 35-65-005	MR Rev
							Len.				ACTUAL			PREVIOUS		ED
Mark		S1	S2		T1.			P.L. U.m	Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	Qty	Quantity	Weight (Kg)
1787	In	2	1	mm	3,91	3,38	0	p1 NR	2,00			2,00	,88	1,00	1,00	,44
				TOTAL	FOR	СОМР	ONE	NT (Kg)					,88			,38
								ν 3/	Te	otal for nega	tive movement -		, <mark>06</mark> To	tal for positive r	novement +	,44
Reducer Concentric	ASME I	316.9 I	BE Wrougl	ht W AST	ΓM A 4	03 GR.	WP30	04								
1790	In	2+1	/2 2	mm	2,11	3,91	0	p1 NR	2,00			2,00	,65	1,00	1,00	,32
5789	In	3	1+1/2	mm	2,11	3,68	0	p1 NR	1,00			1,00	,39		1,00	,39
1791	In	3	2	mm	2,11	3,91	0	p1 NR	3,00			3,00	1,16	1,00	2,00	,78
1792	In	3	2+1/2	mm	2,11	2,11	0	p1 NR	1,00			1,00	,39	1,00		
5801	In	4	1+1/2	mm	2,11	3,68	0	p1 NR	1,00			1,00	,58		1,00	,58
1793	In	4	2	mm	2,11	3,91	0	p1 NR	1,00			1,00	,58	1,00		
1794	In	4	2+1/2	mm	2,11	2,11	0	p1 NR	3,00			3,00	1,74	2,00	1,00	,58
1795	In	4	3	mm	2,11	2,11	0	p1 NR	3,00			3,00	1,74	2,00	1,00	,58
				TOTAL	FOR	СОМР	ONE	NT (Kg)					7,23			3,23
								·- ( <b>g</b> /	To	otal for nega	tive movement -		То	tal for positive r	novement +	3,23
Reducer Concentric	ASME I	316.9 I	BE Wrougl	ht W AST	ΓM A 4	03 GR.	WP3	16								
1835	In	3	2	mm	2,11	3,91	0	p1 NR						1,00	-1,00	-,39
1839	In	4	3	mm	2,11	2,11	0	p1 NR	1,00			1,00	,58		1,00	,58
1844	In	6	2+1/2	mm	2,77	2,11	0	p1 NR						1,00	-1,00	-1,55
1846	In	6	4	mm	2,77	2,11	0	p1 NR	2,00			2,00	3,11	2,00		
1848	In	8	4	mm	2,77	2,11	0	p1 NR	1,00			1,00	2,26		1,00	2,26
				TOTAL	FOR	СОМР	ONE	NT (Kg)					5,95			,90
				101.11		00.,11	J1 (12)	(119)	T	otal for nega	tive movement -		1,94 To	tal for positive r	novement +	2,84
Reducer Eccentric A	ASME B1	6.9 Bl	E Wrought	s ASTM	A 403	GR. W	P316	·								
2209	In	1+1	/2 1	mm	3,68	3,38	0	p1 NR						1,00	-1,00	-,26
				TOTAL	FOR	СОМР	NFI	NT (Kg)								-,26
				IOIAL	TOR	COMIT	<b>7141</b> 51	11 (11g)	To	otal for nega	tive movement -		,26 To	tal for positive r	novement +	

		F	UMA5								Iaterial Request	- Summary (	1)		(	08/03/2010 11.26.50
									1E35 - SU	ULPHUREX G	H/F					
SubProject			(	Category o	of Good	d								MR ID M	R Number	MR Rev
P05 / 1E35-65-005			(	0302 / STA	INLES	SS STEE	LBV	V FITTING	GS					1080 1E	35-65-005	1
							Len.				ACTUAL			PREVIOUS	NE	ED
Mark		S1	S2		T1.	T2	mm	P.L. U.m	Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	Qty	Quantity	Weight (Kg)
Reducer Eccentric A	SME B	16.9 BE	Wrough	nt W ASTN	M A 40	3 GR. V	/P304	1								
2218	In	4	2	mm	2,11	3,91	0	p1 NR	6,00			6,00	3,49	3,00	3,00	1,74
2220	In	4	3	mm	2,11	2,11	0	p1 NR	2,00			2,00	1,16		2,00	1,16
				TOTAL	FOR	СОМР	ONE	NT (Kg)			·		4,65	·		2,91
				TOTAL	TOR	COM	J1 (12)	(IIg)	Т	otal for negati	ve movement -		Tot	tal for positive n	novement +	2,91
Reducer Eccentric A	SME B1	16.9 BE	Wrough	nt W ASTN	M A 40	3 GR. V	/P316	5								
2262	In	4	2	mm	2,11	3,91	0	p1 NR						1,00	-1,00	-,58
2264	In	4	3	mm	2,11	2,11		p1 NR				1,00	,58	1,00		
2269	In	6	2+1/2	mm	2,77	2,11	0	p1 NR	4,00			4,00	6,22	1,00	3,00	4,66
2271	In	6	4	mm	2,77	2,11	0	p1 NR						1,00	-1,00	-1,55
				TOTAL	FOR	COMP	NE	NT (Ka)					6,80			2,53
				TOTAL	TOR	COM	J1 <b>11</b> 21	(IXg)	Т	otal for negati	ve movement -		2,14 Tot	tal for positive n	novement +	4,66
Reducer Eccentric A	SME B	16.9 BE	Welded	ASTM A	403 GI	R. WP30	)4									
2335	In	16	14	mm	4,78	4,78	0	p1 NR	1,00			1,00	16,92		1,00	16,92
				TOTAL	FOD	COMP	MEI	NT (Ka)			<u>.                                    </u>		16,92			16,92
				TOTAL	TOR	COMI	JINE	(Kg)	Т	otal for negati	ve movement -		Tot	tal for positive n	novement +	16,92
Stub-End MSS SP-4	3 FLG x	BE Wr	ought S	ASTM A	403 GR	R. WP30	4 Тур	e A								
1207	In	1/2	0	mm	2,77		0	p1 NR	44,00	4,00		48,00	4,07	30,00	18,00	1,53
1208	In	3/4	0	mm	2,87		0	p1 NR	5,00	1,00		6,00	,61	10,00	-4,00	-,41
1209	In	1	0	mm	3,38		0	p1 NR	33,00	3,00		36,00	5,84	15,00	21,00	3,40
1210	In	1+1/	4 0	mm	3,56		0	p1 NR	1,00			1,00	,22		1,00	,22
1211	In	1+1/	2 0	mm			0	p1 NR	44,00	2,00		46,00	13,13	15,00	31,00	8,85
1212	In	2	0	mm	3,91		0	p1 NR	93,00	3,00		96,00	45,96	30,00	66,00	31,60
				TOTAL	FOR	COMP	ONE	NT (Kg)					69,83			45,18
			TOTAL FOR COMPONENT (Kg)						Т	otal for negati	ve movement .		.41 To	tal for positive n	novement +	45,59

		]	PUMA	.5							Material Reques	t - Summary (	1)			08/03/2010 11.26.50
									1E35 - S	SULPHUREX	GH/F					
SubProject				Category o	of Good	l								MR ID M	R Number	MR Rev
P05 / 1E35-65-005				0302 / STA	INLES	S STEEI	L BW	FITTING	GS					1080 1E	35-65-005	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)
Stub-End MSS SP-	43 FLG x	BE W	rought	t S ASTM A	403 GR	. WP316	б Туре	e A								
1213	In	1/2	0	mm	2,77		0	p1 NR	10,00	2,00		12,00	1,02	2,00	10,00	,85
1215	In	1	0	mm	3,38		0	p1 NR	5,00	1,00		6,00	,97	2,00	4,00	,65
1217	In	1+1	/2 0	mm	3,68		0	p1 NR						4,00	-4,00	-1,14
1218	In	2	0	mm	3,91		0	p1 NR	6,00			6,00	2,87	5,00	1,00	,48
				TOTAL	FOR (	СОМРО	NEN	T (Kg)					4,86			,83
				101112		001111		1 (116)		Total for nega	tive movement	-	1,14 To	tal for positive r	novement +	1,98
Stub-End MSS SP-	43 FLG x	BE W	rought	t W ASTM A	403 GF	R. WP30	4 Typ	e A	1							
1219	In	FLG x BE Wrought W ASTM A 403 GR. WP304 Type A In 2+1/2 0 mm 2,11 0 p							7,00	1,00		8,00	2,58	4,00	4,00	1,29
1220	In	3	0	mm	2,11		0	p1 NR	15,00	1,00		16,00	6,41	10,00	6,00	2,40
1221	In	4	0	mm	2,11		0	p1 NR	14,00	1,00		15,00	9,37	10,00	5,00	3,12
1226	In	12	0	mm	3,96		0	p1 NR	4,00			4,00	23,60	4,00		
1227	In	14	0	mm	3,96		0	p1 NR	7,00			7,00	45,54	4,00	3,00	19,52
1228	In	16	0	mm	4,19		0	p1 NR	4,00			4,00	32,15		4,00	32,15
				TOTAL	FOR (	COMPO	NEN	Т (Ка)					119,64			58,48
				TOTAL	TOR	COMI	)1 <b>11</b> 211	I (IXg)		Total for nega	tive movement	-	To	tal for positive r	novement +	58,48
Stub-End MSS SP-	43 FLG x	BE W	rought	t W ASTM A	403 GF	R. WP31	6 Тур	e A								
1232	In	2+1	/2 0	mm	2,11		0	p1 NR	4,00			4,00	1,29	2,00	2,00	,65
1233	In	3	0	mm	2,11			p1 NR				3,00	1,20	3,00		
1234	In	4	0	mm	2,11		0	p1 NR	16,00	1,00		17,00	10,61	5,00	12,00	7,49
1235	In	5	0	mm	2,77		0	p1 NR						1,00	-1,00	-,99
1236	In	6	0	mm	2,77		0	p1 NR	10,00	1,00		11,00	14,61	10,00	1,00	1,33
1237	In	8	0	mm	2,77		0	p1 NR	3,00			3,00	6,02	3,00		
				TOTAL	FOR (	COMPO	NEN	T ( <b>K</b> g)					33,74			8,48
				101/11	1010	J.,11 ()	- 2 1 2 2 2 1 1	- ( <del>-*</del> 5)		Total for nega	tive movement	-	,99 To	tal for positive r	novement +	9,47

		]	PUMA	15					N	laterial Reques	t - Summary (	1)			08/03/2010 11.26.51
								1E35 - SU	LPHUREX G	H/F					
SubProject				Category	of Good								MR ID M	IR Number	MR Rev
P05 / 1E35-65-005				0302 / STA	AINLESS	STEEL I	BW FITTING	S					1080 1	E35-65-005	1
						Le	n.			ACTUAL			PREVIOUS	NI	EED
Mark		S1	S2		T1.	T2 m	m P.L. U.m	Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	Qty	Quantity	Weight (Kg)
Cap ASME B16.9 BE	Wroug	ght W A	ASTN	1 A 403 GR. V	WP304										
4512	In	3	0	mm	2,11		0 pl NR	1,00			1,00	,28		1,00	,28
				ТОТАІ	FOR	OMPON	ENT (Kg)	·				,28			,28
				101/11	TORC	JOINT OIL	Eiti (iig)	To	otal for negati	ve movement	-	То	tal for positive	movement +	,28
						тотат	MR (Kg)					1.266,89			805,03
						IOIAL	wik (Kg)	Tot	al for negative	e movement -	5	To:	tal for positive	movement +	855,23

	Bal	llestra				N	Iaterial Req	uest - Sun	nmary (1)		PROJ: 1E	35	<b>REV:</b> 1	08/03/2010
PUMA5			08/03/	/2010 11.27.59			-		•		DOC: 1E	35.65.005	•	•
		]	PUMA	.5				]	Material Request	t - Summary (	1)			08/03/2010 11.27.59
							1E35 - SU	ULPHUREX (		•	,		<u> </u>	
SubProject				Category of Go	od							MR ID M	R Number	MR Rev
P05 / 1E35-65-005				0 .	N STEEL FLANG	ES						1090 1E	E35-65-005	1
					Len.				ACTUAL			PREVIOUS	NE	EED
Mark		S1	S2	T	1. T2 mm P	L. U.m	Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	Qty	Quantity	Weight (Kg)
Flange Blind ASMI	E B16.5 1	50 LB	RF (1	25÷250 AARH) Fo	orged ASTM A 10	)5								
399	In	1/2	0	mm	0 1	p1 NR	1,00			1,00	,40		1,00	,40
413	In	14	0	mm	0 1	p1 NR	1,00			1,00	59,00		1,00	59,00
				TOTAL FOR	R COMPONENT	(Ka)		<u>.</u>	<u>.</u>		59,40			59,40
				TOTAL FOR	COMI ONEMI	(Kg)	Т	otal for negat	tive movement	-	То	tal for positive i	movement +	59,40
Flange Slip-On ASI	ME B16.5	5 150 L	B RF	(125÷250 AARH)	Forged ASTM A	105								
465	In	1/2	0	mm	0 1	p1 NR	62,00	6,00		68,00	27,20	30,00	38,00	15,20
466	In	3/4	0	mm	0 1	p1 NR	5,00	1,00		6,00	4,20	3,00	3,00	2,10
467	In	1	0	mm	0 1	p1 NR	22,00	3,00		25,00	20,00	20,00	5,00	4,00
469	In	1+1/	2 0	mm	0 1	p1 NR	11,00	1,00		12,00	16,80	10,00	2,00	2,80
470	In	2	0	mm	0 1	p1 NR	9,00	1,00		10,00	22,00	15,00	-5,00	-11,00
471	In	2+1/	2 0	mm	0 1	p1 NR	3,00			3,00	10,80	4,00	-1,00	-3,60
472	In	3	0	mm	0 1	p1 NR	53,00	3,00		56,00	229,60	25,00	31,00	127,10
473	In	4	0	mm	0 1	p1 NR	38,00	4,00		42,00	235,20	20,00	22,00	123,20
475	In	6	0	mm	0 1	p1 NR	23,00	2,00		25,00	187,50	10,00	15,00	112,50
476	In	8	0	mm	0 1	p1 NR	2,00			2,00	25,20	3,00	-1,00	-12,60
477	In	10	0	mm	0 1	p1 NR	25,00			25,00	462,50	15,00	10,00	185,00
478	In	12	0	mm	0 1	p1 NR	5,00			5,00	140,00	5,00		
479	In	14	0	mm	0 1	p1 NR	26,00	1,00		27,00	972,00	10,00	17,00	612,00
480	In	16	0	mm	0 1	p1 NR	3,00			3,00	138,00	1,00	2,00	92,00
				TOTAL FOR	R COMPONENT	(Kg)					2.491,00			1.248,70
	TOTAL FOR COMPONEN						Т	otal for negat	tive movement	- 2	7,20 To	tal for positive ı	movement +	1.275,90
Flange Slip-On ASI	ME B16.5	5 150 L	B ST	(63÷125 AARH) F	Forged ASTM A 1	05								
525	In	12	0	mm	0 1	p1 NR	2,00			2,00	56,00	1,00	1,00	28,00

		]	PUMA	15					Material Request	- Summary (	1)			08/03/2010 11.28.00
							1E35 - SU	JLPHUREX (	GH/F					
SubProject				Category of Good	l							MR ID M	R Number	MR Rev
P05 / 1E35-65-005				0401 / CARBON S	STEEL FL	ANGES						1090 1E	35-65-005	1
					Le	en.			ACTUAL			PREVIOUS	NE	ED
Mark		S1	S2	T1.	T2 m	m P.L. U.n	Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	Qty	Quantity	Weight (Kg)
526	In	14	0	mm		0 p1 NF	2,00			2,00	72,00	1,00	1,00	36,00
527	In	16	0	mm		0 p1 NF	1,00			1,00	46,00	1,00		
				TOTAL FOR	COMPON	ENT (Kσ)					174,00			64,00
					001122 011	21(1 (11g)	T	otal for nega	tive movement -		To	tal for positive r	novement +	64,00
Flange Slip-On AW	WA C20	7-TAB	.1 CL	.B 86 psi FF (125÷25	60 AARH)	Forged AS	TM A 105							
5701	In	14	0	mm		0 p1 NF	24,00			24,00		6,00	18,00	
594	In	16	0	mm		0 p1 NF	2,00			2,00	38,00		2,00	38,00
				TOTAL FOR	COMPON	ENT (Kg)					38,00			38,00
				TOTALLOW	001111 011	Eiti (iig)	T	otal for nega	tive movement -		To	tal for positive r	novement +	38,00
Flange Slip-On x W	afer ASN	IE B16	5.5 15	0 LB RF (125÷250 A	ARH) For	ged ASTM	A 105							
4718	In	12	0	mm		0 p1 NF	1,00			1,00	28,00		1,00	28,00
				TOTAL FOR	COMPON	FNT (Ka)					28,00			28,00
				TOTALTOR	COMITON	ENT (Kg)	T	otal for nega	tive movement -		To	tal for positive r	novement +	28,00
Flange Slip-On x W	afer ASN	IE B16	5.5 15	0 LB FF (125÷250 A	ARH) For	ged ASTM	A 105							
4728	In	4	0	mm		0 p1 NF	2,00			2,00	11,20		2,00	11,20
				TOTAL FOR	COMPON	FNT (Ka)					11,20			11,20
				TOTALTOR	COMITON	ENT (Kg)	T	otal for nega	tive movement -		То	tal for positive r	novement +	11,20
			Γ		mom: *	MD (IZ.)					2.801,60			1.449,30
					TOTAL	L MR (Kg)	To	tal for negati	ve movement -	2	7,20 To	tal for positive n	novement +	1.476,50

	Bal	lestra						Material Requ	ıest - Sum	mary (1)		PROJ:	1E35	<b>REV:</b> 0	08/03/2010
PUMA5		(	08/0	3/2010 11.28.36				-		•		DOC:	1E35.65.005	•	•
		F	PUM	A5					N	Material Reques	t - Summary (	1)			08/03/2010 11.28.36
							•	1E35 - SU	LPHUREX G	SH/F				•	
SubProject				Category of C	Good								MR ID M	IR Number	MR Rev
P05 / 1E35-65-005				0402 / STAIN	LESS ST	EEL :	FLANGES						1100 1	E35-65-005	0
						L	en.			ACTUAL			PREVIOUS	NE	
Mark		S1	S	2	T1. T	Γ2 n	nm P.L. U	.m Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg	Qty	Quantity	Weight (Kg)
Flange Slip-On ASM	E B16.5	5 150 L	B S	Γ (63÷125 AARH	) Forged	ASTN	И А 182 G	R. F304							
513	In	16	0	mm			0 p1 N	TR 5,00			5,00	234,	68	5,00	234,68
					OR COM	(PON	IENT (Kg	)				234,	68		234,68
	TOTAL FOR COMPONENT				LIVE (III)		otal for negati	ive movement	-		Total for positive	movement +	234,68		
Flange Slip-On ASM	E B16.5	5 150 L	B SC	G (63÷125 AARH	l) Forged	ASTI	M A 182 G	R. F304							
541	In	16	0	mm			0 p1 N	IR 1,00			1,00	46,	94	1,00	46,94
				TOTAL FO	OR COM	(PON	IENT (Kg	)				46,	94		46,94
				TOTALL	011 001		LIVI (III		otal for negati	ive movement	-		<b>Fotal for positive</b>	movement +	46,94
Flange Slip-On ASM	E B16.5	300 L	B S	Γ (63÷125 AARH	) Forged	ASTN	Л А 182 G	R. F304H							
569	In	16	0	mm			0 p1 N	IR 1,00			1,00	91,	83	1,00	91,83
				TOTAL FO	OR COM	(PON	IENT (Kg					91,	83		91,83
						11 01	LIVI (IIS		otal for negati	ive movement	-		Total for positive	movement +	91,83
					Tr	ОТАТ	MD (F~	`				373,	45		373,45
					TOTAL MR (Kg)				tal for negativ	e movement -		-	Total for positive	movement +	373,45

	Bal	lestra	a			]	Material Red	quest - Sun	nmary (1)		PROJ: 1E	235	<b>REV:</b> 1	08/03/2010
PUMA5			08/	03/2010 11.29.00							DOC: 1E	235.65.005		
			PUN	//A5					Material Request	- Summary (	1)			08/03/2010 11.29.00
						ı	1E35 - S	SULPHUREX						
SubProject				Category of G	Good							MR ID MI	R Number	MR Rev
P05 / 1E35-65-005				0405 / GALVA	ANIZED CARBO	N STEEL	FLANGES					1110 1E	35-65-005	1
					Len.				ACTUAL			PREVIOUS	NE	EED
Mark		S1	5	52	T1. T2 mm	P.L. U.m	Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	Qty	Quantity	Weight (Kg)
Flange ASME B16.5	THRD-	F NP	T 15	60 LB RF (125÷250	AARH) Forged	ASTM A	105 Galvanized							
390	In	1/2	(	) <b>mm</b>	0	p1 NR	7,00	1,00		8,00	3,20	4,00	4,00	1,60
392	In	1	(	) mm	0	p1 NR	1,00			1,00	,90	1,00		
				TOTAL FO	OR COMPONE	NT (Kg)					4,10			1,60
				10111210	,	(1-8)		Total for nega	tive movement -		To	otal for positive n	novement +	1,60
Flange Lap-Joint ASM	1E B16	.5 150	) LB	Flat Face Smooth l	Forged ASTM A	105 Galva	nnized							
446	In	1/2			_	p1 NR		5,00		59,00	23,60	32,00	27,00	10,80
447	In	3/4	(	) <b>mm</b>	0	p1 NR	8,00	1,00		9,00	6,30	10,00	-1,00	-,70
448	In	1	(	) mm	0	p1 NR	38,00	6,00		44,00	35,20	17,00	27,00	21,60
449	In	1+1	1/4 (	) mm	0	p1 NR	1,00			1,00	1,10		1,00	1,10
450	In	1+1	1/2 (	) <b>mm</b>	0	p1 NR	44,00	4,00		48,00	67,20	19,00	29,00	40,60
451	In	2	(	*****	0	r	,	5,00		105,00	231,00		70,00	154,00
452	In		1/2 (		0	r		1,00		12,00	43,20	· · · · · · · · · · · · · · · · · · ·	6,00	21,60
453	In	3		) mm	0	p1 NR		2,00		20,00	82,00		7,00	28,70
454	In	4		) mm	0	r		3,00		33,00	184,80	· · ·	18,00	100,80
455	In	5		) mm	0	r						1,00	-1,00	-6,30
456	In	6		) mm	0	F	,	1,00		11,00	82,50		1,00	7,50
457	In	8		) mm	0	r	,			3,00	37,80			
459	In	12		) mm	0	r				4,00	112,00			
460	In	14		) mm	0	r				7,00	294,00		3,00	126,00
461	In	16	(	) mm	0	p1 NR	4,00			4,00	208,00		4,00	208,00
				TOTAL FO	OR COMPONE	NT (Kg)					1.408,70		-	713,70
						. 0/		Total for nega	tive movement -		7,00 To	otal for positive n	novement +	720,70

		I	UMA5	;						Material Reques	t - Summary (	1)			08/03/2010 11.29.00
								1E35 -	SULPHUREX	GH/F					
SubProject				Category of Good									MR ID	MR Number	MR Rev
P05 / 1E35-65-005				0405 / GALVANIZ	ED CA	ARBON	STEEL	FLANGES					1110	1E35-65-005	1
						Len.				ACTUAL			PREVIOUS	NE	EED
Mark		S1	S2	T1.	T2	mm F	P.L. U.m	Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	Qty	Quantity	Weight (Kg)
Flange Blind + Disk	ASME l	316.5 -	TA 50	0.63/3 (DISK) 150 LI	B RF (	125÷250	) AARH	Forged FLG: A	STM A 105 Gal	vanized - DISK: A	A240 TYPE 30	4			
5072	In	2	0	mm		0	p1 NR	1,00			1,00	2,80		1,00	2,80
5074	In	3	0	mm		0	p1 NR	1,00			1,00	5,33		1,00	5,33
				TOTAL FOR C	ОМР	ONENT	Γ ( <b>K</b> g)					8,13			8,13
				1011121011		0112112	(8)		Total for nega	tive movement	-	To	otal for positive	e movement +	8,13
Flange Blind + Disk	ASME I	316.5 -	TA 50	0.63/3 (DISK) 150 LI	B RF (	125÷25(	) AARH	Forged FLG: A	STM A 105 Gal	vanized - DISK: A	A240 TYPE 31	6			
5086	In	1/2	0	mm		0	p1 NR	1,00			1,00	,44		1,00	,44
				TOTAL FOR C	OMP	ONENT	Γ (Κσ)					,44			,44
					, O., III .	O1\ <b>E</b> 1\1	(116)		Total for nega	tive movement	-	To	otal for positive	e movement +	,44
					тот	'AL MF	P (Kg)					1.421,37			723,87
					101	AL MI	(Kg)	,	Fotal for negati	ve movement -		7,00 To	tal for positive	e movement +	730,87

	Bal	lestra					I	Material Re	quest - Sum	mary (1)		PROJ:	1E35	<b>REV:</b> 1	08/03/2010
PUMA5		0	8/03	/2010 11.29.21								DOC:	1E35.65.005		_
		P	UMA	.5						Aaterial Reque	st - Summary (	(1)			08/03/2010 11.29.21
								1E35 -	SULPHUREX (	SH/F					
SubProject				Category of	Good								MR ID	MR Number	MR Rev
P05 / 1E35-65-005				0501 / PLAS	TIC COMP	ONEN	NTS						1120	1E35-65-005	1
						Len.	•			ACTUAL			PREVIOUS	S NI	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 ST.46054/7 PL *	POLY	PROPY	LEN	E Unthreadabl	е Туре										
1594	In	18	0	mm	6,0	0	) p1 m						20,0	-20,00	-155,43
				TOTAL 1	FOR COMI	PONE	NT (Ka)								-155,43
				TOTAL	TOR COM	ONE	ATT (IXg)		Total for negat	ive movement	- 15	55,43	Total for positiv	ve movement +	
					<b></b>										-155,43
					10	TAL	MR (Kg)		Total for negativ	e movement	- 15	55,43	Total for positiv	re movement +	

	Bal	llestra				N	Material Re	quest - Sun	mary (1)		PROJ: 1E	35	<b>REV:</b> 1	08/03/2010
PUMA5		(	08/03/	/2010 11.29.42				•	• ,		DOC: 1E	35.65.005	<u> </u>	
		I	PUMA	5				]	Material Reques	st - Summary (	1)			08/03/2010 11.29.43
							1E35 - S	SULPHUREX (		,, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	-/			
<b>SubProject</b> P05 / 1E35-65-005				Category of Good	l							MR ID MI	R Number 35-65-005	MR Rev
1037 1233 03 003				OCCIT BOLIS										-
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	ED Weight (Kg)
Stud Bolt + 2 Nuts T	`A 50.48	B/28 A	SME	B18.2.1 UNC/2.2 T.	AB. 9 ASTM	A 193 GR	L. B8 CL.2/A194	GR. 8				<u> </u>		
5369	In	1+1/		mm		p1 NR	20,00	4,00		24,00	87,60		24.00	87,60
								1,00		,	87,60		- 1,00	87,60
				TOTAL FOR	COMPONEN	NT (Kg)		Total for negat	ive movement	-	То	tal for positive n	novement +	87,60
Stud Bolt + 2 Nuts T	Δ 50 48	Β/28 Δ	SME	R18 2 1 IINC/2 2 T	AR O ASTM	Δ 103 R7	/ASTM A 19/1 G	R 2H						
5191		1/2	0		65	p1 NR	212,00	11,00		223,00	24,53	66,00	157,00	17,27
5192	In In	1/2	0	mm	70	p1 NR	82,00	8,00		90,00	9,90	40,00	50,00	5,50
5193	In	1/2	0	mm	75	p1 NR	44,00	7,00		51,00	6,12		31,00	3,72
5199	In	5/8	0	mm	85	p1 NR	32,00	5,00		37,00	7,77	30,00	7,00	1,47
5200	In	5/8	0	mm	90	p1 NR	10,00	2,00		12,00	2,64		4,00	,88
5201	In	5/8	0	mm	95	p1 NR	260,00	13,00		273,00	62,79	130,00	143,00	32,89
5204	In	5/8	0	mm	110	p1 NR	32,00	5,00		37,00	9,25		37,00	9,25
5209	In	5/8	0	mm	140	p1 NR	32,00	5,00		37,00	10,73		37,00	10,73
5210	In	5/8	0	mm	145	p1 NR	88,00	9,00		97,00	29,10		97,00	29,10
5211	In	3/4	0	mm	85	p1 NR	330,00	16,00		346,00	269,88	36,00	310,00	241,80
5214	In	3/4	0	mm	100	p1 NR	72,00	7,00		79,00	66,36	40,00	39,00	32,76
5216	In	3/4	0	mm	110	p1 NR	16,00	3,00		19,00	16,72	12,00	7,00	6,16
5223	In	3/4	0	mm	155	p1 NR	56,00	6,00		62,00	65,72		62,00	65,72
5225	In	3/4	0	mm	170	p1 NR	12,00	2,00		14,00	15,68		14,00	15,68
5232	In	7/8	0	mm	120	p1 NR	150,00	8,00		158,00	93,22	126,00	32,00	18,88
5237	In	7/8	0	mm	155	p1 NR	24,00	4,00		28,00	19,32		28,00	19,32
5239	In	7/8	0	mm	190	p1 NR	84,00	8,00		92,00	71,76		92,00	71,76
5241	In	7/8	0	mm	200	p1 NR	12,00	2,00		14,00	11,34		14,00	11,34
5249	In	1	0	mm	135	p1 NR	264,00	13,00		277,00	476,44	66,00	211,00	362,92
5250	In	1	0	mm	140	p1 NR	64,00	6,00		70,00	122,50	16,00	54,00	94,50

		F	UMA	5					08/03/2010 11.29.43					
							1E35 - SI	ULPHUREX GI	H/F					
SubProject				Category of Good								MR ID M	R Number	MR Rev
P05 / 1E35-65-005				0601 / BOLTS								1130 1H	E35-65-005	1
	Len.								ACTUAL		PREVIOUS	NE	ED	
Mark		<b>S1</b>	<b>S2</b>	T1.	T2 mm	P.L. U.m	Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	Qty	Quantity	Weight (Kg)
5255	In	1	0	mm	175	p1 NR	12,00	2,00		14,00	27,58		14,00	27,58
5258	In	1	0	mm	215	p1 NR	12,00	2,00		14,00	31,08		14,00	31,08
				TOTAL FOR CO	OMPONE	NT (Kø)					1.450,43			1.110,31
				TOTALTOR	ONII ONE	(IIg)	1	Total for negativ	e movement -		To	tal for positive	movement +	1.110,31
Stud Bolt + 2 Nuts Ta	A 50.48	B/28 A	SME	B18.2.1 UNC/2.2 TAI	B. 9 ASTM	A 320 GR	B8 CL.2 / A194 (	GR 8						
5351	In	1	0	mm	140	p1 NR	80,00	8,00		88,00	154,00		88,00	154,00
		TOTAL FOR COMPONENT (				NT (Va)	<u> </u>		<u> </u>		154,00			154,00
				TOTAL FOR CO	OMPONE	NI (Kg)	Т	Total for negativ	e movement -		To	tal for positive	movement +	154,00
Stud Bolt + 2 Nuts T	4 50 48	B/28 A	SME	B18.2.1 UNC/2.2 TAI	R 9 ASTM	A 193 B7	/A194 2H Galvani	zed						
5125	In	1/2	0	mm	65	ı	48.00	7,00		55,00	6,05	8,00	47.00	5,17
5126	In	1/2	0	mm	70	1	20,00	4,00		24,00	2,64	2,00	22,00	2,42
5127	In	1/2	0	mm	75	1	236,00	12,00		248,00	29,76	84,00	164,00	19,68
5128	In	1/2	0	mm	80		128,00	6,00		134,00	16,08	34,00	100,00	12,00
5129	In	1/2	0	mm	85	p1 NR	114,00	6,00		120,00	14,40	38,00	82,00	9,84
5130	In	1/2	0	mm	105	p1 NR	36,00	5,00		41,00	5,74		41,00	5,74
5131	In	1/2	0	mm	110	p1 NR	4,00	1,00		5,00	,75		5,00	,75
5132	In	1/2	0	mm	115	p1 NR	22,00	3,00		25,00	3,75		25,00	3,75
5133	In	5/8	0	mm	85	p1 NR	40,00	6,00		46,00	9,66		46,00	9,66
5135	In	5/8	0	mm	95	p1 NR	284,00	14,00		298,00	68,54	70,00	228,00	52,44
5136	In	5/8	0	mm	100	p1 NR	44,00	7,00		51,00	11,73	12,00	39,00	8,97
5137	In	5/8	0	mm	105	p1 NR	94,00	9,00		103,00	24,72	26,00	77,00	18,48
5138	In	5/8	0	mm	110	p1 NR	176,00	9,00		185,00	46,25	60,00	125,00	31,25
5140	In	5/8	0	mm	125	p1 NR	32,00	5,00		37,00	9,99		37,00	9,99
5141	In	5/8	0	mm	130	p1 NR	2,00			2,00	,56		2,00	,56
5142	In	5/8	0	mm	135	p1 NR	16,00	3,00		19,00	5,32		19,00	5,32
5146	In	3/4	0	mm	110	p1 NR	8,00	2,00		10,00	8,80		10,00	8,80
5147	In	3/4	0	mm	115	p1 NR	64,00	6,00		70,00	63,00	44,00	26,00	23,40

		I	PUMA5						aterial Request	- Summary (	1)		(	08/03/2010 11.29.43
							1E35 - SU	LPHUREX GF	I/F					
SubProject				Category of Good	d							MR ID M	R Number	MR Rev
P05 / 1E35-65-0	005			0601/BOLTS								1130 1E	35-65-005	1
					Len.				ACTUAL			PREVIOUS	NE	ED
Mark		S1	<b>S2</b>	T1.	T2 mm P.L	L. U.m	Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	Qty	Quantity	Weight (Kg)
5150	In	3/4	0	mm	130 p1	l NR	24,00	4,00		28,00	26,88	12,00	16,00	15,36
5154	In	3/4	0	mm	155 p1	l NR	32,00	5,00		37,00	39,22		37,00	39,22
5158	In	7/8	0	mm	140 p1	1 NR	48,00	7,00		55,00	35,20	24,00	31,00	19,84
5168	In	1	0	mm	155 p1	l NR	66,00	7,00		73,00	134,32	24,00	49,00	90,16
5169	In	1	0	mm	160 p1	l NR	48,00	7,00		55,00	102,85		55,00	102,85
5171	In	1	0	mm	180 p1	l NR	16,00	3,00		19,00	38,00		19,00	38,00
				TOTAL FOR (	COMPONENT (	(Kg)					704,21			533,65
				TOTAL FOR	COM ONEM (	(Kg)	To	otal for negativ	e movement -		To	tal for positive 1	novement +	533,65
Screws for valve	es ASME B 1	8.2.1 /	UNC A	STM A 193 B7		,								
5373	In	1/2	0	mm	30 p1	1 NR	40,00	6,00		46,00	3,68		46,00	3,68
5376	In	5/8	0	mm	40 p1	1 NR	16,00	3,00		19,00	2,85		19,00	2,85
				TOTAL FOR (	COMPONENT (	<b>(Κ</b> σ)					6,53			6,53
				TOTALLION	COMI ONEMI	<b>116</b> )	Total for negative movement -				Total for positive movem			6,53
Screws for valve	es ASME B 1	8.2.1 /	UNC A	STM A 193 B7 Ga	lvanized									
5381	In	1/2	0	mm	30 p1	1 NR	320,00	16,00		336,00	26,88		336,00	26,88
5382	In	1/2	0	mm	35 p1	l NR	96,00	10,00		106,00	8,48		106,00	8,48
5384	In	5/8	0	mm	40 p1	l NR	640,00	32,00		672,00	100,80		672,00	100,80
5385	In	5/8	0	mm	45 p1	l NR	384,00	19,00		403,00	64,48		403,00	64,48
				TOTAL FOR (	COMPONENT (	<b>(Κ</b> σ)					200,64			200,64
				TOTALLION	COMI ONEMI	<b>116</b> )	Total for negative movement - Total for positive movement +							200,64
					TOTAL MR (	(Kg)	2.603,41							2.092,73
					TOTAL MK (	(IXg)	Total for negative movement - Total for positive movement +							2.092,73

Ballestra						N	<b>Iaterial Re</b>	quest - Sum	mary (1)		PROJ: 11	<b>PROJ:</b> 1E35		08/03/2010		
PUMA5	PUMA5 08/03/2010 11.30.04									_	•		DOC: 1H	E35.65.005		•
		]	PUMA	.5						1	Material Reque	st - Summary (	1)		0	8/03/2010 11.30.04
									1E35 -	SULPHUREX (			,			
SubProject				Category of Go	ood									MR ID MI	R Number	MR Rev
P05 / 1E35-65-005				0701 / GASKET											35-65-005	1
						I.	en.				ACTUAL			PREVIOUS	NE	FD
Mark		S1	S2	Т	1.			.L. U.m	Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	Qty	Quantity	Weight (Kg)
Gasket TA 50.5/31 15	50 LB F	RF (125	5÷250	AARH) B5C												
659	In	1/2	0	mm			0 1	p1 NR	48,00	24,00		72,00		17,00	55,00	
660	In	3/4	0	mm				p1 NR	4,00	4,00		8,00		2,00	6,00	
661	In	1	0	mm				p1 NR	17,00	8,00		25,00		11,00	14,00	
663	In	1+1/	2 0	mm				p1 NR	7,00	4,00		11,00		5,00	6,00	
664	In	2	0	mm				p1 NR	5,00	5,00		10,00		8,00	2,00	
665	In	2+1/	2 0	mm				p1 NR	3,00	3,00		6,00		2,00	4,00	
666	In	3	0	mm				p1 NR	41,00	20,00		61,00		13,00	48,00	
667	In	4	0	mm				p1 NR	20,00	10,00		30,00		10,00	20,00	
669	In	6	0	mm			0 1	p1 NR	9,00	5,00		14,00		5,00	9,00	
670	In	8	0	mm				p1 NR	2,00	2,00		4,00		2,00	2,00	
671	In	10	0	mm			0 1	p1 NR	9,00	5,00		14,00		8,00	6,00	
672	In	12	0	mm			0 1	p1 NR	3,00	3,00		6,00		3,00	3,00	
673	In	14	0	mm			0 1	p1 NR	21,00	10,00		31,00		5,00	26,00	
674	In	16	0	mm			0 1	p1 NR	1,00	1,00		2,00		1,00	1,00	
				TOTAL FO	R CO	MPON	NENT	( <b>K</b> g)								
	TOTAL TOR COM ONEX					(IIg)		Total for negat	ive movement	To	Total for positive movement +					
Gasket TA 50.5/31 15	50 LB F	RF (125	5÷250	AARH) _ B5B												
691	In	1/2	0	mm			0 1	p1 NR	6,00	4,00		10,00			10,00	
692	In	3/4	0	mm				p1 NR	2,00	2,00		4,00			4,00	
693	In	1	0	mm				p1 NR	6,00	4,00		10,00			10,00	
695	In	1+1/		mm				p1 NR	2,00	2,00		4,00			4,00	
696	In	2	0	mm				p1 NR	2,00	2,00		4,00			4,00	
698	In	3	0	mm				p1 NR	2,00	2,00		4,00			4,00	
703	In	10	0	mm				p1 NR	2,00	2,00		4,00			4,00	

		I	PUMA	5				laterial Request -	Summary (	1)	·	(	08/03/2010 11.30.0
						1E35 - S	ULPHUREX G	H/F					
SubProject				Category of Good							MR ID MI		MR Rev
P05 / 1E35-65-005				0701 / GASKET							1140 1E	35-65-005	1
					Len.		PREVIOUS		ED				
Mark		S1	S2	T1. T2	mm P.L. U.		Surplus	Manual	Tot Qty	Tot. W. (Kg)	Qty	Quantity	Weight (Kg)
704	In	12	0	mm	0 p1 N	R 1,00	1,00		2,00			2,00	
705	In	14	0	mm	0 p1 N		1,00		2,00			2,00	
706	In	16	0	mm	0 p1 N	2,00	2,00		4,00			4,00	
				TOTAL FOR COME	PONENT (Kg)								
					( <b>-</b>	-	Fotal for negativ	ve movement -		To	otal for positive movement +		
Gasket TA 50.5/31 15	60 LB F	F (125	÷250	AARH) _ B5F									
710	In	1/2	0	mm	0 p1 N	R 69,00	21,00		90,00		15,00	75,00	
711	In	3/4	0	mm	0 p1 N	R 14,00	7,00		21,00		5,00	16,00	
712	In	1	0	mm	0 p1 N		22,00		66,00		8,00	58,00	
713	In	1+1/	4 0	mm	0 p1 N	R 1,00	1,00		2,00			2,00	
714	In	1+1/	2 0	mm	0 p1 N	R 52,00	16,00		68,00		8,00	60,00	
715	In	2	0	mm	0 p1 N	R 120,00	24,00		144,00		15,00	129,00	
716	In	2+1/	2 0	mm	0 p1 N	R 18,00	9,00		27,00		2,00	25,00	
717	In	3	0	mm	0 p1 N	R 35,00	18,00		53,00		5,00	48,00	
718	In	4	0	mm	0 p1 N	R 33,00	16,00		49,00		5,00	44,00	
720	In	6	0	mm	0 p1 N	R 12,00	6,00		18,00			18,00	
721	In	8	0	mm	0 p1 N	R 4,00	4,00		8,00			8,00	
723	In	12	0	mm	0 p1 N	R 4,00	4,00		8,00		2,00	6,00	
724	In	14	0	mm	0 p1 N	R 6,00	4,00		10,00		2,00	8,00	
725	In	16	0	mm	0 p1 N	R 4,00	4,00		8,00			8,00	
				TOTAL FOR COME	PONENT (Kg)								
					01,21,1 (118)	Total for negative movement - T					otal for positive n	novement +	
Gasket TA 50.5/31 15	60 LB F	F (125	÷250	AARH) _ B5F B 81									
729	In	1/2	0	mm	0 p1 N	3					1,00	-1,00	
731	In	1	0	mm	0 p1 N	2					1,00	-1,00	
733	In	1+1/	2 0	mm	0 p1 N	3					2,00	-2,00	
734	In	2	0	mm	0 p1 N	2					3,00	-3,00	

			PUMA	15		Material Request - Summary (1)								
						1E35 - SU	JLPHUREX G	H/F						
<b>SubProject</b> P05 / 1E35-65-0	005			Category of Goo	d						<b>MR ID MI</b> 1140 1E	<b>R Number</b> 35-65-005	MR Rev	
					Len.			ACTUAL		PREVIOUS	ED			
Mark		S1	S2	T1.	T2 mm P.L. U.m	Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	Qty	Quantity	Weight (Kg)	
735	In	2+1	/2 0	mm	0 p1 NR						1,00	-1,00		
736	In	3	0	mm	0 p1 NR						2,00	-2,00		
737	In	4	0	mm	0 p1 NR						3,00	-3,00		
738	In	5	0	mm	0 p1 NR						1,00	-1,00		
739	In	6	0	mm	0 p1 NR						5,00	-5,00		
740	In	8	0	mm	0 p1 NR						2,00	-2,00		
				TOTAL FOR	COMPONENT (Kg)	т	otal for negati	vo maromont		T	etal fan nasitiva n	al for positive movement +		
							otai ioi negati	ve movement -			dai for positive ii	iovement +		
Gasket TA 50.5/	/31 150 LB F	F (12	5÷250	AARH) _ B5D FLA	ΛT									
752	In	1+1	/2 0	mm	0 p1 NR	2,00	2,00		4,00			4,00		
753	In	2	0	mm	0 p1 NR	2,00	2,00		4,00			4,00		
756	In	4	0	mm	0 p1 NR	1,00	1,00		2,00			2,00		
761	In	12	0	mm	0 p1 NR	3,00	3,00		6,00			6,00		
				TOTAL FOR	COMPONENT (Kg)									
						Т	otal for negati	ve movement -		To	Total for positive movement +			
Gasket TA 50.5/	/31 150 LB S	T-SG	(63÷1	25AARH) _ E11H (	Corrugate Metal Gasket I	E11H								
776	In	12	0	mm	0 p1 NR	2,00	2,00		4,00		1,00	3,00		
777	In	14	0	mm	0 p1 NR	2,00	2,00		4,00		1,00	3,00		
778	In	16	0	mm	0 p1 NR	6,00	4,00		10,00		1,00	9,00		
				TOTAL FOR	COMPONENT (Kg)									
	(-5)					Т	otal for negati	ve movement -		To	otal for positive n	novement +		
Gasket TA 50.5/	/31 300 LB S	T-SG	(63÷1	25AARH) _ F16L S	PIRAL WOUND F16L									
797	In	16	0	mm	0 p1 NR	1,00	1,00		2,00			2,00		
				TOTAL FOR	COMPONENT (Kg)									
					- · · · · · · · · · · · · · · · · · · ·	T	otal for negati	ve movement -		To	Total for positive movement +			

		]	PUMA:	5				(	08/03/2010 11.30.04						
							1E35 - SU	LPHUREX GI	I/F						
SubProject				Category of Good						MR ID MR Number		MR Rev			
P05 / 1E35-65-005				0701 / GASKET								1140 1E	35-65-005	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 TA 50.5/31 86	6 psi FF	(125÷	250 A.	ARH) _ B15D FLAT		F									
5702	In	14	0	mm	0 1	p1 NR	25,00	12,00		37,00		3,00	34,00		
801	In	16	0	mm	0 1	p1 NR	3,00	3,00		6,00			6,00		
				TOTAL FOR C	OMPONENT	(Ka)									
				TOTAL FOR C	OMI OMEMI	(Kg)	To	otal for negativ	e movement -		To	otal for positive 1			
					TOTAL MR	R (Kg)									
					101AL MI	· (ivg)	Tot	al for negative	movement -	Total for negative movement - Tot					