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

1E35 - SULPHUREX GH/F

SubProject	Category of Good	MR ID	MR Number	MR Rev
P05 / 1E35-65-005	0101 / CARBON STEEL PIPE	1010	1E35-65-005	1

Mark		S1	S2		T1.	T2	Len. mm	P.L.	U.m	ACTUAL Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	PREVIOUS Qty	NEED Quantity	NEED Weight (Kg)
Pipe ASME B36.10 PL Seamless API 5L 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
				TOTAL FOR COMPONENT (Kg)										4.547,88			2.399,25
												Total for negative movement -				Total for positive movement +	2.399,25
Pipe ASME B36.10 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

1E35 - SULPHUREX GH/F

SubProject	Category of Good	MR ID	MR Number	MR Rev
P05 / 1E35-65-005	0101 / CARBON STEEL PIPE	1010	1E35-65-005	1

Mark		S1	S2		T1.	T2	Len. mm	P.L.	U.m	ACTUAL Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	PREVIOUS Qty	NEED Quantity	Weight (Kg)
				TOTAL FOR COMPONENT (Kg)										22.772,05			14.405,36
												Total for negative movement -	1.499,97	**Total for positive movement +**			15.905,33
Pipe ASME B36.10 PL E.R.W. API 5L GR. B RX 20%																	
5695	In	12	0	mm	4,78	0	p1	m		6,50	1,00		7,50	282,03	5,00	2,50	94,01
5696	In	14	0	mm	4,78	0	p1	m		6,30	1,00		7,30	301,88	5,00	2,30	95,11
5697	In	16	0	mm	4,78	0	p1	m		8,20	1,00		9,20	435,54	6,00	3,20	151,49
				TOTAL FOR COMPONENT (Kg)										1.019,44			340,61
												Total for negative movement -		**Total for positive movement +**			340,61
Pipe TA 50.83/6 PL Welded ASTM A 515 GRADE 70																	
1556	In	36	0	mm	6,0	0	p1	m		47,00	5,00		52,00	6.986,08	40,00	12,00	1.612,17
				TOTAL FOR COMPONENT (Kg)										6.986,08			1.612,17
												Total for negative movement -		**Total for positive movement +**			1.612,17
				TOTAL MR (Kg)										35.325,45			18.757,39
												Total for negative movement -	1.499,97	**Total for positive movement +**			20.257,36

Ballestra		Material Request - Summary (1)	PROJ:	1E35	REV:	1	08/03/2010
PUMA5	08/03/2010 11.24.11		DOC:	1E35.65.005			

1E35 - SULPHUREX GH/F

SubProject	Category of Good	MR ID	MR Number	MR Rev
P05 / 1E35-65-005	0102 / STAINLESS STEEL PIPE	1020	1E35-65-005	1

Mark		S1	S2		T1.	T2	Len. mm	P.L.	U.m	ACTUAL Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	PREVIOUS Qty	NEED Quantity	NEED Weight (Kg)
Pipe ASME B36.10 PL E.R.W. ASTM A 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 COMPONENT (Kg)										690,83			690,83
										Total for negative movement -					Total for positive movement +		690,83
Pipe ASME B36.10 PL E.R.W. ASTM A 312 TP 304H RX 20%																	
1477	In	16	0	mm	4,78		0	p1	m	10,00	1,00		11,00	531,35	6,00	5,00	241,52
				TOTAL FOR COMPONENT (Kg)										531,35			241,52
										Total for negative movement -					Total for positive movement +		241,52
Pipe ASME B36.19 PL Seamless ASTM 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+1/2	0	mm	3,68		0	p1	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	50,00	89,50	496,53
				TOTAL FOR COMPONENT (Kg)										1.639,78			1.049,64
										Total for negative movement -					Total for positive movement +		1.049,64
Pipe ASME B36.19 PL Seamless ASTM A 312 TP 304H																	
1514	In	1	0	mm	3,38		0	p1	m	,40			,40	1,02		,40	1,02

1E35 - SULPHUREX GH/F

SubProject	Category of Good	MR ID	MR Number	MR Rev
P05 / 1E35-65-005	0102 / STAINLESS STEEL PIPE	1020	1E35-65-005	1

Mark		S1	S2		T1.	T2	Len. mm	P.L.	U.m	ACTUAL Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	PREVIOUS Qty	NEED Quantity	NEED Weight (Kg)
			TOTAL FOR COMPONENT (Kg)											1,02			1,02
										Total for negative movement -					Total for positive movement +		1,02
Pipe ASME B36.19 PL Seamless ASTM 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 COMPONENT (Kg)											90,05			-49,99
										Total for negative movement -			76,12		Total for positive movement +		26,12
Pipe ASME B36.19 PL E.R.W. ASTM 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 COMPONENT (Kg)											876,74			68,61
										Total for negative movement -			252,61		Total for positive movement +		321,23
Pipe ASME B36.19 PL E.R.W. ASTM A 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

1E35 - SULPHUREX GH/F

SubProject	Category of Good	MR ID	MR Number	MR Rev
P05 / 1E35-65-005	0102 / STAINLESS STEEL PIPE	1020	1E35-65-005	1

Mark	S1	S2	T1.	T2	Len. mm	P.L.	U.m	ACTUAL Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	PREVIOUS Qty	NEED Quantity	Weight (Kg)
TOTAL FOR COMPONENT (Kg)												660,15			86,06
										Total for negative movement -	106,94			**Total for positive movement +**	193,00
TOTAL MR (Kg)												4.489,93			2.087,70
										Total for negative movement -	435,67			**Total for positive movement +**	2.523,36

Ballestra		Material Request - Summary (1)	PROJ:	1E35	REV:	1	08/03/2010
PUMA5	08/03/2010 11.24.33		DOC:	1E35.65.005			

1E35 - SULPHUREX GH/F

SubProject	Category of Good	MR ID	MR Number	MR Rev
P05 / 1E35-65-005	0105 / GALVANIZED CARBON STEEL PIPE	1030	1E35-65-005	1

Mark		S1	S2		T1.	T2	Len. mm	P.L.	U.m	ACTUAL Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	PREVIOUS Qty	NEED Quantity	NEED Weight (Kg)
Pipe ASME B36.10 THRD-M NPT Seamless API 5L GR. B Galvanized																	
1493	In	1/2	0	mm	2,77		0	p1	m	273,20	27,00		300,20	379,98	60,00	240,20	304,03
1495	In	1	0	mm	3,38		0	p1	m	199,60	20,00		219,60	549,48	130,00	89,60	224,20
1497	In	1+1/2	0	mm	3,68		0	p1	m	48,00	7,00		55,00	222,71	20,00	35,00	141,72
														1.152,17			669,95
TOTAL FOR COMPONENT (Kg)										Total for negative movement -					Total for positive movement +		669,95
														1.152,17			669,95
TOTAL MR (Kg)										Total for negative movement -					Total for positive movement +		669,95

Ballestra		Material Request - Summary (1)	PROJ:	1E35	REV:	1	08/03/2010
PUMA5	08/03/2010 11.24.58		DOC:	1E35.65.005			

1E35 - SULPHUREX GH/F

SubProject	Category of Good	MR ID	MR Number	MR Rev
P05 / 1E35-65-005	0201 / CARBON STEEL FORGED FITTING	1040	1E35-65-005	1

Mark		S1	S2		T1.	T2	Len. mm	P.L.	U.m	ACTUAL Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	PREVIOUS Qty	NEED Quantity	NEED Weight (Kg)
90° Elbow TA 50.7/2 THRD-F NPT 3000# Forged ASTM A 105																	
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 COMPONENT (Kg)										11,10			9,90
										Total for negative movement -					Total for positive movement +		9,90
90° Elbow TA 50.6/1 SW-F 3000# Forged ASTM A 105																	
264	In	1/4	0	mm			0	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 COMPONENT (Kg)										27,09			27,09
										Total for negative movement -					Total for positive movement +		27,09
Tee Reducing TA 50.7/2 THRD-F NPT 3000# Forged ASTM A 105																	
2736	In	3/4	1/2	mm			0	p1	NR						2,00	-2,00	-,74
				TOTAL FOR COMPONENT (Kg)													-,74
										Total for negative movement -			,74		Total for positive movement +		
Tee Reducing TA 50.6/1 SW-F 3000# Forged 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 COMPONENT (Kg)										1,85			1,85
										Total for negative movement -					Total for positive movement +		1,85
Tee Straight TA 50.7/2 THRD-F NPT 3000# Forged ASTM A 105																	
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

1E35 - SULPHUREX GH/F

SubProject	Category of Good	MR ID	MR Number	MR Rev
P05 / 1E35-65-005	0201 / CARBON STEEL FORGED FITTING	1040	1E35-65-005	1

Mark		S1	S2		T1.	T2	Len. mm	P.L.	U.m	ACTUAL Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	PREVIOUS Qty	NEED Quantity	NEED Weight (Kg)
				TOTAL FOR COMPONENT (Kg)										3,13			3,13
												Total for negative movement -				**Total for positive movement +**	3,13
Tee Straight TA 50.6/1 SW-F 3000# Forged ASTM A 105																	
4687	**In**	1/2	0	**mm**			0	p1	NR	76,00	11,00		87,00	24,36	50,00	37,00	10,36
				TOTAL FOR COMPONENT (Kg)										24,36			10,36
												Total for negative movement -				**Total for positive movement +**	10,36
Reducing Insert M/F TA 50.7/2 THRD-M NPT x THRD-F 3000# Forged ASTM A 105																	
918	**In**	1/2	1/4	**mm**			0	p1	NR	4,00	1,00		5,00	,30	2,00	3,00	,18
919	**In**	1/2	3/8	**mm**			0	p1	NR	8,00	2,00		10,00	,60	5,00	5,00	,30
				TOTAL FOR COMPONENT (Kg)										,90			,48
												Total for negative movement -				**Total for positive movement +**	,48
Reducing Insert M/F TA 50.6/1 SW-F x PL 3000# Forged ASTM A 105 TYPE 12																	
1015	**In**	3/4	1/2	**mm**	2,87	2,77	0	p1	NR	1,00			1,00	,11		1,00	,11
				TOTAL FOR COMPONENT (Kg)										,11			,11
												Total for negative movement -				**Total for positive movement +**	,11
Coupling TA 50.7/2 THRD-F NPT 3000# Forged ASTM A 105																	
1056	**In**	1/2	0	**mm**			0	p1	NR	14,00	3,00		17,00	2,04	10,00	7,00	,84
1058	**In**	1	0	**mm**			0	p1	NR	30,00	6,00		36,00	10,80	20,00	16,00	4,80
				TOTAL FOR COMPONENT (Kg)										12,84			5,64
												Total for negative movement -				**Total for positive movement +**	5,64
Coupling Half TA 50.7/2 THRD-F NPT 3000# Forged ASTM A 105																	
1122	**In**	1/4	0	**mm**			0	p1	NR	3,00	1,00		4,00	,12	2,00	2,00	,06
1124	**In**	1/2	0	**mm**			0	p1	NR	5,00	1,00		6,00	,36	3,00	3,00	,18
1126	**In**	1	0	**mm**			0	p1	NR	1,00			1,00	,15		1,00	,15

1E35 - SULPHUREX GH/F

SubProject	Category of Good	MR ID	MR Number	MR Rev
P05 / 1E35-65-005	0201 / CARBON STEEL FORGED FITTING	1040	1E35-65-005	1

Mark	S1	S2	T1.	T2	Len. mm	P.L.	U.m	ACTUAL Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	PREVIOUS Qty	NEED Quantity	NEED Weight (Kg)
			TOTAL FOR COMPONENT (Kg)									,63			,39
								Total for negative movement -					**Total for positive movement +**		,39
Coupling Half TA 50.6/1 SW-F 3000# Forged 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 (Kg)									2,85			1,35
								Total for negative movement -					**Total for positive movement +**		1,35
Plug Hex. TA 50.7/2 THRD-M NPT 3000# Forged ASTM A 105															
1187	In	1/2	0	mm		0	p1	NR						1,00	-1,00	-,13
1189	In	1	0	mm		0	p1	NR	5,00	1,00		6,00	2,10	5,00	1,00	,35
			TOTAL FOR COMPONENT (Kg)									2,10			,22
								Total for negative movement -				,13	**Total for positive movement +**		,35
Union TA 50.7/2 THRD-F NPT 3000# 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 (Kg)									6,05			3,53
								Total for negative movement -					**Total for positive movement +**		3,53
Union TA 50.6/1 SW-F 3000# Forged ASTM A 105															
1287	In	1/4	0	mm		0	p1	NR	1,00			1,00	,15		1,00	,15
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	,46
			TOTAL FOR COMPONENT (Kg)									29,49			14,29
								Total for negative movement -					**Total for positive movement +**		14,29

PUMA5	Material Request - Summary (1)	08/03/2010 11.24.58
1E35 - SULPHUREX GH/F		

SubProject	Category of Good	MR ID	MR Number	MR Rev
P05 / 1E35-65-005	0201 / CARBON STEEL FORGED FITTING	1040	1E35-65-005	1

Mark		S1	S2	T1.	T2	Len. mm	P.L.	U.m	ACTUAL Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	PREVIOUS Qty	NEED Quantity	NEED Weight (Kg)
Coupling Reducing TA 50.7/2 THRD-F NPT 3000# Forged 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 (Kg)										1,83			1,59
									Total for negative movement -					Total for positive movement +		1,59
Coupling Reducing TA 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 (Kg)										,24			,24
									Total for negative movement -					Total for positive movement +		,24
Cap TA 50.7/2 THRD-F NPT 3000# Forged ASTM A 105																
4546	In	1/2	0	mm		0	p1	NR	44,00	9,00		53,00	6,36	50,00	3,00	,36
4547	In	3/4	0	mm		0	p1	NR	2,00			2,00	,38		2,00	,38
4548	In	1	0	mm		0	p1	NR	2,00			2,00	,50	3,00	-1,00	-,25
4550	In	1+1/2	0	mm		0	p1	NR	3,00			3,00	2,25		3,00	2,25
			TOTAL FOR COMPONENT (Kg)										9,49			2,74
									Total for negative movement -			,25		Total for positive movement +		2,99
Cap TA 50.6/1 SW-F 3000# Forged ASTM A 105																
4581	In	1/2	0	mm		0	p1	NR	1,00			1,00	,12		1,00	,12
4583	In	1	0	mm		0	p1	NR	2,00			2,00	,50		2,00	,50
			TOTAL FOR COMPONENT (Kg)										,62			,62
									Total for negative movement -					Total for positive movement +		,62
			TOTAL MR (Kg)										134,68			82,79
									Total for negative movement -			1,12		Total for positive movement +		83,91

Ballestra		Material Request - Summary (1)	PROJ:	1E35	REV:	1	08/03/2010
PUMA5	08/03/2010 11.25.25		DOC:	1E35.65.005			

1E35 - SULPHUREX GH/F

SubProject	Category of Good	MR ID	MR Number	MR Rev
P05 / 1E35-65-005	0202 / STAINLESS STEEL FORGED FITTINGS	1050	1E35-65-005	1

Mark		S1	S2		T1.	T2	Len. mm	P.L.	U.m	ACTUAL Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	PREVIOUS Qty	NEED Quantity	NEED Weight (Kg)
Drip Ring TA 50.65/3 WAFER 150 LB FF (125÷250 AARH) Forged ASTM A 182 GR. F304																	
2491	In	2+1/2	0	mm			0	p1	NR	6,00			6,00	13,47		6,00	13,47
				TOTAL FOR COMPONENT (Kg)										13,47			13,47
												Total for negative movement -			Total for positive movement +		13,47
90° Elbow TA 50.7/2 THRD-F NPT 3000# Forged ASTM A 182 GR. F304																	
224	In	1/2	0	mm			0	p1	NR	5,00	1,00		6,00	2,45		6,00	2,45
				TOTAL FOR COMPONENT (Kg)										2,45			2,45
												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	p1	NR	1,00			1,00	,29		1,00	,29
				TOTAL FOR COMPONENT (Kg)										,29			,29
												Total for negative movement -			Total for positive movement +		,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)										1,71			,29
												Total for negative movement -			Total for positive movement +		,29
Tee Straight TA 50.6/1 SW-F 3000# Forged ASTM A 182 GR. F316																	
4695	In	1/2	0	mm			0	p1	NR	2,00			2,00	,57		2,00	,57
				TOTAL FOR COMPONENT (Kg)										,57			,57
												Total for negative movement -			Total for positive movement +		,57
Cross Straight TA 50.7/2 THRD-F NPT 3000# Forged ASTM A 182 GR. F304																	
3	In	1/2	0	mm			0	p1	NR	12,00	2,00		14,00	4,00	6,00	8,00	2,29

1E35 - SULPHUREX GH/F

SubProject	Category of Good	MR ID	MR Number	MR Rev
P05 / 1E35-65-005	0202 / STAINLESS STEEL FORGED FITTINGS	1050	1E35-65-005	1

Mark		S1	S2		T1.	T2	Len. mm	P.L.	U.m	ACTUAL Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	PREVIOUS Qty	NEED Quantity	Weight (Kg)
				TOTAL FOR COMPONENT (Kg)										4,00			2,29
												Total for negative movement -			Total for positive movement +		2,29
Reducing Insert M/F TA 50.7/2 THRD-M NPT x THRD-F 3000# Forged ASTM A 182 GR. F304																	
905	In	3/4	1/2	mm			0	p1	NR						5,00	-5,00	-,56
				TOTAL FOR COMPONENT (Kg)													-,56
												Total for negative movement -	,56		Total for positive movement +		
Reducing Insert M/F TA 50.7/2 THRD-M NPT x THRD-F 3000# Forged ASTM A 182 GR. F316																	
961	In	1	1/4	mm			0	p1	NR						1,00	-1,00	-,19
				TOTAL FOR COMPONENT (Kg)													-,19
												Total for negative movement -	,19		Total for positive movement +		
Coupling TA 50.7/2 THRD-F NPT 3000# Forged ASTM A 182 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	p1	NR	13,00	2,00		15,00	4,59	6,00	9,00	2,75
				TOTAL FOR COMPONENT (Kg)										5,82			3,73
												Total for negative movement -			Total for positive movement +		3,73
Coupling TA 50.7/2 THRD-F NPT 3000# Forged ASTM A 182 GR. F304H																	
1066	In	1	0	mm			0	p1	NR	2,00			2,00	,61		2,00	,61
				TOTAL FOR COMPONENT (Kg)										,61			,61
												Total for negative movement -			Total for positive movement +		,61
Coupling TA 50.7/2 THRD-F NPT 3000# Forged ASTM A 182 GR. F316																	
1071	In	1/2	0	mm			0	p1	NR	3,00			3,00	,37		3,00	,37
1073	In	1	0	mm			0	p1	NR	2,00			2,00	,61	3,00	-1,00	-,31
				TOTAL FOR COMPONENT (Kg)										,98			,06
												Total for negative movement -	,31		Total for positive movement +		,37

1E35 - SULPHUREX GH/F

SubProject	Category of Good	MR ID	MR Number	MR Rev
P05 / 1E35-65-005	0202 / STAINLESS STEEL FORGED FITTINGS	1050	1E35-65-005	1

Mark		S1	S2	T1.	T2	Len. mm	P.L.	U.m	ACTUAL Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	PREVIOUS Qty	NEED Quantity	NEED Weight (Kg)
Coupling Half TA 50.7/2 THRD-F NPT 3000# Forged ASTM 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	p1	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
									Total for negative movement -					Total for positive movement +		,31
Coupling Half TA 50.7/2 THRD-F NPT 3000# Forged ASTM A 182 GR. F316																
1141	In	1	0	mm		0	p1	NR						2,00	-2,00	-,31
				TOTAL FOR COMPONENT (Kg)												-,31
									Total for negative movement -			,31		Total for positive movement +		
Coupling Half TA 50.6/1 SW-F 3000# Forged 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)									2,45			,92
									Total for negative movement -					Total for positive movement +		,92
Coupling Half TA 50.6/1 SW-F 3000# Forged ASTM A 182 GR. F316																
1167	In	1/2	0	mm		0	p1	NR						2,00	-2,00	-,31
				TOTAL FOR COMPONENT (Kg)												-,31
									Total for negative movement -			,31		Total for positive movement +		
Plug Hex. TA 50.7/2 THRD-M NPT 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 for negative movement -					Total for positive movement +		1,15

1E35 - SULPHUREX GH/F

SubProject	Category of Good	MR ID	MR Number	MR Rev
P05 / 1E35-65-005	0202 / STAINLESS STEEL FORGED FITTINGS	1050	1E35-65-005	1

Mark		S1	S2		T1.	T2	Len. mm	P.L.	U.m	ACTUAL Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	PREVIOUS Qty	NEED Quantity	NEED Weight (Kg)
Union TA 50.7/2 THRD-F NPT 3000# Forged ASTM A 182 GR. F304																	
1247	In	1/2	0	mm		0	p1	NR		3,00			3,00	,92		3,00	,92
				TOTAL FOR COMPONENT (Kg)										,92			,92
										Total for negative movement -				**Total for positive movement +**			,92
Union TA 50.6/1 SW-F 3000# Forged ASTM A 182 GR. F304																	
1286	In	1/2	0	mm		0	p1	NR		7,00	1,00		8,00	3,10	4,00	4,00	1,55
				TOTAL FOR COMPONENT (Kg)										3,10			1,55
										Total for negative movement -				**Total for positive movement +**			1,55
Coupling Reducing TA 50.7/2 THRD-F NPT 3000# Forged ASTM A 182 GR. F304																	
4390	In	1/2	1/4	mm		0	p1	NR		16,00	2,00		18,00	,55	7,00	11,00	,34
				TOTAL FOR COMPONENT (Kg)										,55			,34
										Total for negative movement -				**Total for positive movement +**			,34
Cap TA 50.7/2 THRD-F NPT 3000# Forged ASTM A 182 GR. F304																	
4539	In	1/2	0	mm		0	p1	NR		6,00	1,00		7,00	,86	10,00	-3,00	-,37
4543	In	1+1/2	0	mm		0	p1	NR		1,00			1,00	,77		1,00	,77
				TOTAL FOR COMPONENT (Kg)										1,62			,40
										Total for negative movement -			,37	**Total for positive movement +**			,77
Cap TA 50.7/2 THRD-F NPT 3000# Forged ASTM A 182 GR. F316																	
4561	In	1/2	0	mm		0	p1	NR							2,00	-2,00	-,24
				TOTAL FOR COMPONENT (Kg)													-,24
										Total for negative movement -			,24	**Total for positive movement +**			
				TOTAL MR (Kg)										41,63			27,72
										Total for negative movement -			2,29	**Total for positive movement +**			30,01

Ballestra		Material Request - Summary (1)	PROJ:	1E35	REV:	1	08/03/2010
PUMA5	08/03/2010 11.25.56		DOC:	1E35.65.005			

1E35 - SULPHUREX GH/F

SubProject	Category of Good	MR ID	MR Number	MR Rev
P05 / 1E35-65-005	0205 / GALVANIZED CARBON STEEL FORGED FITTINGS	1060	1E35-65-005	1

Mark		S1	S2		T1.	T2	Len. mm	P.L.	U.m	ACTUAL Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	PREVIOUS Qty	NEED Quantity	NEED Weight (Kg)
45° Elbow TA 50.7/2 THRD-F NPT 3000# Forged ASTM A 105 Galvanized																	
84	In	1/2	0	mm			0	p1	NR	1,00			1,00	,32		1,00	,32
			TOTAL FOR COMPONENT (Kg)											,32			,32
										Total for negative movement -					Total for positive movement +		,32
90° Elbow TA 50.7/2 THRD-F NPT 3000# Forged ASTM A 105 Galvanized																	
252	In	1/2	0	mm			0	p1	NR	99,00	15,00		114,00	45,60	20,00	94,00	37,60
254	In	1	0	mm			0	p1	NR	24,00	5,00		29,00	31,90	15,00	14,00	15,40
			TOTAL FOR COMPONENT (Kg)											77,50			53,00
										Total for negative movement -					Total for positive movement +		53,00
Tee Reducing TA 50.7/2 THRD-F NPT 3000# Forged ASTM A 105 Galvanized																	
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			0	p1	NR	6,00	1,00		7,00	8,96	3,00	4,00	5,12
			TOTAL FOR COMPONENT (Kg)											53,42			41,03
										Total for negative movement -					Total for positive movement +		41,03
Tee Straight TA 50.7/2 THRD-F NPT 3000# Forged ASTM A 105 Galvanized																	
4673	In	1/2	0	mm			0	p1	NR	1,00			1,00	,28	1,00		
4675	In	1	0	mm			0	p1	NR	4,00	1,00		5,00	2,85	3,00	2,00	1,14
			TOTAL FOR COMPONENT (Kg)											3,13			1,14
										Total for negative movement -					Total for positive movement +		1,14
Coupling TA 50.7/2 THRD-F NPT 3000# Forged ASTM A 105 Galvanized																	
1077	In	1/2	0	mm			0	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 Request - Summary (1)	08/03/2010 11.25.56
1E35 - SULPHUREX GH/F		

SubProject	Category of Good	MR ID	MR Number	MR Rev
P05 / 1E35-65-005	0205 / GALVANIZED CARBON STEEL FORGED FITTINGS	1060	1E35-65-005	1

Mark		S1	S2		T1.	T2	Len. mm	P.L.	U.m	ACTUAL Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	PREVIOUS Qty	NEED Quantity	NEED Weight (Kg)
1081	In	1+1/2	0	mm			0	p1	NR	8,00	1,00		9,00	9,00	5,00	4,00	4,00
				TOTAL FOR COMPONENT (Kg)										24,66			12,46
												Total for negative movement -				Total for positive movement +	12,46
Plug Hex. TA 50.7/2 THRD-M NPT Forged ASTM A 105 Galvanized																	
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	1,05
				TOTAL FOR COMPONENT (Kg)										1,75			,40
												Total for negative movement -	,65			Total for positive movement +	1,05
Union TA 50.7/2 THRD-F NPT 3000# Forged ASTM A 105 Galvanized																	
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 COMPONENT (Kg)										2,50			-,90
												Total for negative movement -	,90			Total for positive movement +	
Coupling Reducing TA 50.7/2 THRD-F NPT 3000# Forged ASTM A 105 Galvanized																	
4429	In	1+1/2	1	mm			0	p1	NR	2,00			2,00	,20	1,00	1,00	,10
				TOTAL FOR COMPONENT (Kg)										,20			,10
												Total for negative movement -				Total for positive movement +	,10
Cap TA 50.7/2 THRD-F NPT 3000# Forged ASTM A 105 Galvanized																	
4567	In	1/2	0	mm			0	p1	NR	3,00	1,00		4,00	,48	3,00	1,00	,12
4569	In	1	0	mm			0	p1	NR	7,00	1,00		8,00	2,00	4,00	4,00	1,00
				TOTAL FOR COMPONENT (Kg)										2,48			1,12
												Total for negative movement -				Total for positive movement +	1,12
				TOTAL MR (Kg)										165,96			108,67
												Total for negative movement -	1,55			Total for positive movement +	110,22

Ballestra		Material Request - Summary (1)	PROJ:	1E35	REV:	1	08/03/2010
PUMA5	08/03/2010 11.26.28		DOC:	1E35.65.005			

1E35 - SULPHUREX GH/F

SubProject	Category of Good	MR ID	MR Number	MR Rev
P05 / 1E35-65-005	0301 / CARBON STEEL BW FITTINGS	1070	1E35-65-005	1

Mark		S1	S2		T1.	T2	Len. mm	P.L.	U.m	ACTUAL Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	PREVIOUS Qty	NEED Quantity	NEED Weight (Kg)
45° Elbow Long Radius ASME B16.9 BE Seamless ASTM A 234 GR. WPB																	
117	In	2	0	mm	3,91		0	p1	NR	2,00			2,00	,63		2,00	,63
			TOTAL FOR COMPONENT (Kg)											,63			,63
										Total for negative movement -					Total for positive movement +		,63
45° Elbow Long Radius ASME B16.9 BE E.R.W. ASTM A 234 GR. WPB																	
129	In	3	0	mm	3,18		0	p1	NR	1,00			1,00	,60	2,00	-1,00	-,60
130	In	4	0	mm	3,18		0	p1	NR	2,00			2,00	2,04		2,00	2,04
133	In	6	0	mm	3,96		0	p1	NR	8,00	1,00		9,00	25,66	6,00	3,00	8,55
136	In	10	0	mm	3,96		0	p1	NR	4,00			4,00	35,01	1,00	3,00	26,25
138	In	12	0	mm	4,78		0	p1	NR	1,00			1,00	13,58		1,00	13,58
5570	In	14	0	mm	4,78		0	p1	NR	9,00	1,00		10,00	170,65	5,00	5,00	85,32
139	In	14	0	mm	6,35		0	p1	NR	3,00			3,00	68,01	3,00		
			TOTAL FOR COMPONENT (Kg)											315,54			135,14
										Total for negative movement -			,60		Total for positive movement +		135,74
45° Elbow Long Radius ASME B16.9 BE Wrought S ASTM A 234 GR. WPB																	
155	In	3/4	0	mm	2,87		0	p1	NR	2,00			2,00	,06		2,00	,06
156	In	1	0	mm	3,38		0	p1	NR	3,00	1,00		4,00	,27	2,00	2,00	,14
158	In	1+1/2	0	mm	3,68		0	p1	NR	3,00			3,00	,55	2,00	1,00	,18
159	In	2	0	mm	3,91		0	p1	NR	3,00			3,00	,94	4,00	-1,00	-,31
			TOTAL FOR COMPONENT (Kg)											1,82			,06
										Total for negative movement -			,31		Total for positive movement +		,38
90° Elbow Long Radius ASME B16.9 BE Seamless ASTM A 234 GR. WPB																	
284	In	1+1/2	0	mm	3,68		0	p1	NR	2,00			2,00	,74		2,00	,74

1E35 - SULPHUREX GH/F

SubProject	Category of Good	MR ID	MR Number	MR Rev
P05 / 1E35-65-005	0301 / CARBON STEEL BW FITTINGS	1070	1E35-65-005	1

Mark		S1	S2		T1.	T2	Len. mm	P.L.	U.m	ACTUAL Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	PREVIOUS Qty	NEED Quantity	NEED 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 COMPONENT (Kg)											4,06			4,06
												Total for negative movement -			Total for positive movement +		4,06
90° Elbow Long Radius ASME B16.9 BE E.R.W. ASTM A 234 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 COMPONENT (Kg)											3.305,24			1.968,87
												Total for negative movement -	95,36		Total for positive movement +		2.064,23
90° Elbow Long Radius ASME B16.9 BE Wrought S ASTM A 234 GR. WPB																	
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 COMPONENT (Kg)											67,02			30,27
												Total for negative movement -			Total for positive movement +		30,27

1E35 - SULPHUREX GH/F

SubProject	Category of Good	MR ID	MR Number	MR Rev
P05 / 1E35-65-005	0301 / CARBON STEEL BW FITTINGS	1070	1E35-65-005	1

Mark		S1	S2		T1.	T2	Len. mm	P.L.	U.m	ACTUAL Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	PREVIOUS Qty	NEED Quantity	NEED Weight (Kg)
Reducer Concentric ASME B16.9 BE E.R.W. ASTM A 234 GR. WPB																	
6084	In	3	1	mm	3,18	3,38	0	p1	NR	1,00			1,00	,57		1,00	,57
1645	In	3	1+1/2	mm	3,18	3,68	0	p1	NR	3,00			3,00	1,72	2,00	1,00	,57
1646	In	3	2	mm	3,18	3,91	0	p1	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	NR	1,00			1,00	,57	2,00	-1,00	-,57
1648	In	4	1+1/2	mm	3,18	3,68	0	p1	NR						1,00	-1,00	-,86
1649	In	4	2	mm	3,18	3,91	0	p1	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	NR	1,00			1,00	,86		1,00	,86
1651	In	4	3	mm	3,18	3,18	0	p1	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	NR						1,00	-1,00	-1,74
1661	In	6	3	mm	3,96	3,18	0	p1	NR	1,00			1,00	2,18		1,00	2,18
1662	In	6	4	mm	3,96	3,18	0	p1	NR	1,00			1,00	2,18	1,00		
1670	In	8	6	mm	3,96	3,96	0	p1	NR	1,00			1,00	3,17		1,00	3,17
1677	In	10	6	mm	3,96	3,96	0	p1	NR	4,00			4,00	18,22	1,00	3,00	13,66
1679	In	10	8	mm	3,96	3,96	0	p1	NR	2,00			2,00	9,11	1,00	1,00	4,55
1686	In	12	10	mm	4,78	3,96	0	p1	NR	5,00			5,00	37,76	3,00	2,00	15,10
1687	In	12	10	mm	4,78	4,78	0	p1	NR	1,00			1,00	7,55		1,00	7,55
5598	In	14	12	mm	4,78	4,78	0	p1	NR	1,00			1,00	13,53		1,00	13,53
1693	In	14	12	mm	6,35	4,78	0	p1	NR						1,00	-1,00	-17,97
5627	In	16	12	mm	4,78	4,78	0	p1	NR	1,00			1,00	16,59		1,00	16,59
5632	In	16	14	mm	4,78	4,78	0	p1	NR	2,00			2,00	33,17		2,00	33,17
1699	In	16	14	mm	6,35	6,35	0	p1	NR	2,00			2,00	44,07	1,00	1,00	22,03
			TOTAL FOR COMPONENT (Kg)											207,84			120,99
										Total for negative movement -			21,14		Total for positive movement +		142,13
Reducer Concentric ASME B16.9 BE Wrought S ASTM A 234 GR. WPB																	
1749	In	1	1/2	mm	3,38	2,77	0	p1	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	NR	2,00			2,00	,27		2,00	,27
1754	In	1+1/2	1/2	mm	3,68	2,77	0	p1	NR						1,00	-1,00	-,26

1E35 - SULPHUREX GH/F

SubProject	Category of Good	MR ID	MR Number	MR Rev
P05 / 1E35-65-005	0301 / CARBON STEEL BW FITTINGS	1070	1E35-65-005	1

Mark		S1	S2		T1.	T2	Len. mm	P.L.	U.m	ACTUAL Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	PREVIOUS Qty	NEED Quantity	NEED Weight (Kg)
1755	In	1+1/2	3/4	mm	3,68	2,87	0	p1	NR	1,00			1,00	,26		1,00	,26
1756	In	1+1/2	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	p1	NR	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 COMPONENT (Kg)											5,80			2,63
										Total for negative movement -			1,12		Total for positive movement +		3,75
Reducer Eccentric ASME B16.9 BE E.R.W. ASTM A 234 GR. 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 COMPONENT (Kg)											78,35			69,90
										Total for negative movement -					Total for positive movement +		69,90
Reducer Eccentric ASME B16.9 BE Wrought S ASTM A 234 GR. WPB																	
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	1	mm	3,68	3,38	0	p1	NR						2,00	-2,00	-,52
			TOTAL FOR COMPONENT (Kg)											,14			-,38
										Total for negative movement -			,52		Total for positive movement +		,14
90° Miter TA 50.84/6 BE Welded ASTM A 515 GRADE 70 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

1E35 - SULPHUREX GH/F

SubProject	Category of Good	MR ID	MR Number	MR Rev
P05 / 1E35-65-005	0301 / CARBON STEEL BW FITTINGS	1070	1E35-65-005	1

Mark		S1	S2		T1.	T2	Len. mm	P.L.	U.m	ACTUAL Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	PREVIOUS Qty	NEED Quantity	Weight (Kg)
			TOTAL FOR COMPONENT (Kg)											303,60			-303,60
										Total for negative movement -			303,60	Total for positive movement +			
Cap ASME B16.9 BE Seamless ASTM A 234 GR. WPB																	
4455	In	1	0	mm	3,38		0	p1	NR	4,00			4,00	,41	4,00		
4457	In	1+1/2	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 COMPONENT (Kg)											38,62			35,43
										Total for negative movement -				Total for positive movement +			35,43
			TOTAL MR (Kg)											4.328,64			2.063,99
										Total for negative movement -			422,65	Total for positive movement +			2.486,65

Ballestra		Material Request - Summary (1)	PROJ:	1E35	REV:	1	08/03/2010
PUMA5	08/03/2010 11.26.50		DOC:	1E35.65.005			

1E35 - SULPHUREX GH/F

SubProject	Category of Good	MR ID	MR Number	MR Rev
P05 / 1E35-65-005	0302 / STAINLESS STEEL BW FITTINGS	1080	1E35-65-005	1

Mark		S1	S2		T1.	T2	Len. mm	P.L.	U.m	ACTUAL Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	PREVIOUS Qty	NEED Quantity	NEED Weight (Kg)
45° Elbow Long Radius ASME B16.9 BE Wrought S ASTM A 403 GR. WP304																	
160	In	3/4	0	mm	2,87		0	p1	NR	1,00			1,00	,03		1,00	,03
161	In	1	0	mm	3,38		0	p1	NR	1,00			1,00	,07	1,00		
163	In	1+1/2	0	mm	3,68		0	p1	NR	7,00	1,00		8,00	1,50	1,00	7,00	1,31
164	In	2	0	mm	3,91		0	p1	NR	10,00	1,00		11,00	3,51	4,00	7,00	2,23
TOTAL FOR COMPONENT (Kg)														5,11			3,58
Total for negative movement -															Total for positive movement +		3,58
45° Elbow Long Radius ASME B16.9 BE Wrought S ASTM A 403 GR. WP316																	
169	In	2	0	mm	3,91		0	p1	NR						2,00	-2,00	-,64
TOTAL FOR COMPONENT (Kg)																	-,64
Total for negative movement -													,64		Total for positive movement +		
45° Elbow Long Radius ASME B16.9 BE Wrought W ASTM A 403 GR. WP304																	
171	In	3	0	mm	2,11		0	p1	NR	3,00			3,00	1,23	1,00	2,00	,82
172	In	4	0	mm	2,11		0	p1	NR	2,00			2,00	1,38	1,00	1,00	,69
TOTAL FOR COMPONENT (Kg)														2,61			1,51
Total for negative movement -															Total for positive movement +		1,51
45° Elbow Long Radius ASME B16.9 BE Wrought W ASTM A 403 GR. WP316																	
184	In	3	0	mm	2,11		0	p1	NR	2,00			2,00	,82	1,00	1,00	,41
187	In	6	0	mm	2,77		0	p1	NR						3,00	-3,00	-6,10
188	In	8	0	mm	2,77		0	p1	NR	1,00			1,00	3,84		1,00	3,84
TOTAL FOR COMPONENT (Kg)														4,66			-1,85
Total for negative movement -													6,10		Total for positive movement +		4,25

1E35 - SULPHUREX GH/F

SubProject	Category of Good	MR ID	MR Number	MR Rev
P05 / 1E35-65-005	0302 / STAINLESS STEEL BW FITTINGS	1080	1E35-65-005	1

Mark		S1	S2		T1.	T2	Len. mm	P.L.	U.m	ACTUAL Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	PREVIOUS Qty	NEED Quantity	NEED Weight (Kg)
90° Elbow Long Radius ASME B16.9 BE Wrought S ASTM A 403 GR. WP304																	
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 COMPONENT (Kg)										67,94			38,58
										Total for negative movement -					Total for positive movement +		38,58
90° Elbow Long Radius ASME B16.9 BE Wrought S ASTM A 403 GR. WP316																	
334	In	1	0	mm	3,38	0		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
				TOTAL FOR COMPONENT (Kg)										3,13			-3,93
										Total for negative movement -			4,07		Total for positive movement +		,14
90° Elbow Long Radius ASME B16.9 BE Wrought W ASTM A 403 GR. WP304																	
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 COMPONENT (Kg)										254,57			148,51
										Total for negative movement -					Total for positive movement +		148,51
90° Elbow Long Radius ASME B16.9 BE Wrought W ASTM A 403 GR. WP316																	
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

1E35 - SULPHUREX GH/F

SubProject	Category of Good	MR ID	MR Number	MR Rev
P05 / 1E35-65-005	0302 / STAINLESS STEEL BW FITTINGS	1080	1E35-65-005	1

Mark		S1	S2		T1.	T2	Len. mm	P.L.	U.m	ACTUAL Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	PREVIOUS Qty	NEED Quantity	NEED Weight (Kg)
			TOTAL FOR COMPONENT (Kg)											71,94			-11,12
												Total for negative movement -	32,31		Total for positive movement +		21,19
90° Elbow Long Radius ASME B16.9 BE Welded ASTM A 403 GR. WP304																	
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 COMPONENT (Kg)											389,81			389,81
												Total for negative movement -			Total for positive movement +		389,81
90° Elbow Long Radius ASME B16.9 BE Welded ASTM A 403 GR. WP304H RX 20%																	
386	In	16	0	mm	4,78		0	p1	NR	4,00			4,00	182,80	2,00	2,00	91,40
			TOTAL FOR COMPONENT (Kg)											182,80			91,40
												Total for negative movement -			Total for positive movement +		91,40
Reducer Concentric ASME B16.9 BE Wrought S ASTM A 403 GR. WP304																	
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	mm	3,38	2,77	0	p1	NR	2,00			2,00	,28		2,00	,28
1764	In	1	3/4	mm	3,38	2,87	0	p1	NR						1,00	-1,00	-,14
1767	In	1+1/4	1	mm	3,56	3,38	0	p1	NR	1,00			1,00	,18		1,00	,18
1768	In	1+1/2	1/2	mm	3,68	2,77	0	p1	NR	2,00			2,00	,53		2,00	,53
1769	In	1+1/2	3/4	mm	3,68	2,87	0	p1	NR	1,00			1,00	,26		1,00	,26
1773	In	2	1	mm	3,91	3,38	0	p1	NR	11,00	1,00		12,00	5,27	5,00	7,00	3,07
1774	In	2	1+1/4	mm	3,91	3,56	0	p1	NR	2,00			2,00	,88		2,00	,88
1775	In	2	1+1/2	mm	3,91	3,68	0	p1	NR	11,00	1,00		12,00	5,27	4,00	8,00	3,51
			TOTAL FOR COMPONENT (Kg)											13,53			9,33
												Total for negative movement -	,14		Total for positive movement +		9,47
Reducer Concentric ASME B16.9 BE Wrought S ASTM A 403 GR. WP316																	
1776	In	3/4	1/2	mm	2,87	2,77	0	p1	NR						1,00	-1,00	-,06

1E35 - SULPHUREX GH/F

SubProject	Category of Good	MR ID	MR Number	MR Rev
P05 / 1E35-65-005	0302 / STAINLESS STEEL BW FITTINGS	1080	1E35-65-005	1

Mark		S1	S2		T1.	T2	Len. mm	P.L.	U.m	ACTUAL Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	PREVIOUS Qty	NEED Quantity	NEED 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 COMPONENT (Kg)											,88			,38
												Total for negative movement -	,06		**Total for positive movement +**		,44
Reducer Concentric ASME B16.9 BE Wrought W ASTM A 403 GR. WP304																	
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 COMPONENT (Kg)											7,23			3,23
												Total for negative movement -			**Total for positive movement +**		3,23
Reducer Concentric ASME B16.9 BE Wrought W ASTM A 403 GR. WP316																	
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 COMPONENT (Kg)											5,95			,90
												Total for negative movement -	1,94		**Total for positive movement +**		2,84
Reducer Eccentric ASME B16.9 BE Wrought S ASTM A 403 GR. WP316																	
2209	In	1+1/2	1	mm	3,68	3,38	0	p1	NR						1,00	-1,00	-,26
			TOTAL FOR COMPONENT (Kg)														-,26
												Total for negative movement -	,26		**Total for positive movement +**		

1E35 - SULPHUREX GH/F

SubProject	Category of Good	MR ID	MR Number	MR Rev
P05 / 1E35-65-005	0302 / STAINLESS STEEL BW FITTINGS	1080	1E35-65-005	1

Mark		S1	S2		T1.	T2	Len. mm	P.L.	U.m	ACTUAL Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	PREVIOUS Qty	NEED Quantity	NEED Weight (Kg)
Reducer Eccentric ASME B16.9 BE Wrought W ASTM A 403 GR. WP304																	
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 COMPONENT (Kg)											4,65			2,91
										Total for negative movement -					Total for positive movement +		2,91
Reducer Eccentric ASME B16.9 BE Wrought W ASTM A 403 GR. WP316																	
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	0	p1	NR	1,00			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 COMPONENT (Kg)											6,80			2,53
										Total for negative movement -			2,14		Total for positive movement +		4,66
Reducer Eccentric ASME B16.9 BE Welded ASTM A 403 GR. WP304																	
2335	In	16	14	mm	4,78	4,78	0	p1	NR	1,00			1,00	16,92		1,00	16,92
			TOTAL FOR COMPONENT (Kg)											16,92			16,92
										Total for negative movement -					Total for positive movement +		16,92
Stub-End MSS SP-43 FLG x BE Wrought S ASTM A 403 GR. WP304 Type 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	3,68		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 COMPONENT (Kg)											69,83			45,18
										Total for negative movement -			,41		Total for positive movement +		45,59

1E35 - SULPHUREX GH/F

SubProject	Category of Good	MR ID	MR Number	MR Rev
P05 / 1E35-65-005	0302 / STAINLESS STEEL BW FITTINGS	1080	1E35-65-005	1

Mark		S1	S2		T1.	T2	Len. mm	P.L.	U.m	ACTUAL Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	PREVIOUS Qty	NEED Quantity	NEED Weight (Kg)
Stub-End MSS SP-43 FLG x BE Wrought S ASTM A 403 GR. WP316 Type 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 COMPONENT (Kg)										4,86			,83
										Total for negative movement -			1,14		Total for positive movement +		1,98
Stub-End MSS SP-43 FLG x BE Wrought W ASTM A 403 GR. WP304 Type A																	
1219	In	2+1/2	0	mm	2,11	0	p1		NR	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 COMPONENT (Kg)										119,64			58,48
										Total for negative movement -					Total for positive movement +		58,48
Stub-End MSS SP-43 FLG x BE Wrought W ASTM A 403 GR. WP316 Type 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	0	p1		NR	3,00			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 COMPONENT (Kg)										33,74			8,48
										Total for negative movement -			,99		Total for positive movement +		9,47

1E35 - SULPHUREX GH/F

SubProject	Category of Good	MR ID	MR Number	MR Rev
P05 / 1E35-65-005	0302 / STAINLESS STEEL BW FITTINGS	1080	1E35-65-005	1

Mark		S1	S2		T1.	T2	Len. mm	P.L.	U.m	ACTUAL Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	PREVIOUS Qty	NEED Quantity	Weight (Kg)
Cap ASME B16.9 BE Wrought W ASTM A 403 GR. WP304																	
4512	In	3	0	mm	2,11		0	p1	NR	1,00			1,00	,28		1,00	,28
				TOTAL FOR COMPONENT (Kg)										,28			,28
										Total for negative movement -					Total for positive movement +		,28
				TOTAL MR (Kg)										1.266,89			805,03
										Total for negative movement -			50,20		Total for positive movement +		855,23

Ballestra		Material Request - Summary (1)	PROJ:	1E35	REV:	1	08/03/2010
PUMA5	08/03/2010 11.27.59		DOC:	1E35.65.005			

1E35 - SULPHUREX GH/F

SubProject	Category of Good	MR ID	MR Number	MR Rev
P05 / 1E35-65-005	0401 / CARBON STEEL FLANGES	1090	1E35-65-005	1

Mark		S1	S2		T1.	T2	Len. mm	P.L.	U.m	ACTUAL Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	PREVIOUS Qty	NEED Quantity	NEED Weight (Kg)
Flange Blind ASME B16.5 150 LB RF (125÷250 AARH) Forged ASTM A 105																	
399	In	1/2	0	mm			0	p1	NR	1,00			1,00	,40		1,00	,40
413	In	14	0	mm			0	p1	NR	1,00			1,00	59,00		1,00	59,00
				TOTAL FOR COMPONENT (Kg)										59,40			59,40
										Total for negative movement -					Total for positive movement +		59,40
Flange Slip-On ASME B16.5 150 LB RF (125÷250 AARH) Forged ASTM A 105																	
465	In	1/2	0	mm			0	p1	NR	62,00	6,00		68,00	27,20	30,00	38,00	15,20
466	In	3/4	0	mm			0	p1	NR	5,00	1,00		6,00	4,20	3,00	3,00	2,10
467	In	1	0	mm			0	p1	NR	22,00	3,00		25,00	20,00	20,00	5,00	4,00
469	In	1+1/2	0	mm			0	p1	NR	11,00	1,00		12,00	16,80	10,00	2,00	2,80
470	In	2	0	mm			0	p1	NR	9,00	1,00		10,00	22,00	15,00	-5,00	-11,00
471	In	2+1/2	0	mm			0	p1	NR	3,00			3,00	10,80	4,00	-1,00	-3,60
472	In	3	0	mm			0	p1	NR	53,00	3,00		56,00	229,60	25,00	31,00	127,10
473	In	4	0	mm			0	p1	NR	38,00	4,00		42,00	235,20	20,00	22,00	123,20
475	In	6	0	mm			0	p1	NR	23,00	2,00		25,00	187,50	10,00	15,00	112,50
476	In	8	0	mm			0	p1	NR	2,00			2,00	25,20	3,00	-1,00	-12,60
477	In	10	0	mm			0	p1	NR	25,00			25,00	462,50	15,00	10,00	185,00
478	In	12	0	mm			0	p1	NR	5,00			5,00	140,00	5,00		
479	In	14	0	mm			0	p1	NR	26,00	1,00		27,00	972,00	10,00	17,00	612,00
480	In	16	0	mm			0	p1	NR	3,00			3,00	138,00	1,00	2,00	92,00
				TOTAL FOR COMPONENT (Kg)										2.491,00			1.248,70
										Total for negative movement -			27,20		Total for positive movement +		1.275,90
Flange Slip-On ASME B16.5 150 LB ST (63÷125 AARH) Forged ASTM A 105																	
525	In	12	0	mm			0	p1	NR	2,00			2,00	56,00	1,00	1,00	28,00

1E35 - SULPHUREX GH/F

SubProject	Category of Good	MR ID	MR Number	MR Rev
P05 / 1E35-65-005	0401 / CARBON STEEL FLANGES	1090	1E35-65-005	1

Mark		S1	S2	T1.	T2	Len. mm	P.L.	U.m	ACTUAL Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	PREVIOUS Qty	NEED Quantity	Weight (Kg)
526	In	14	0	mm		0	p1	NR	2,00			2,00	72,00	1,00	1,00	36,00
527	In	16	0	mm		0	p1	NR	1,00			1,00	46,00	1,00		
				TOTAL FOR COMPONENT (Kg)									174,00			64,00
											Total for negative movement -				**Total for positive movement +**	64,00
Flange Slip-On AWWA C207-TAB.1 CL.B 86 psi FF (125÷250 AARH) Forged ASTM A 105																
5701	In	14	0	mm		0	p1	NR	24,00			24,00		6,00	18,00	
594	In	16	0	mm		0	p1	NR	2,00			2,00	38,00		2,00	38,00
				TOTAL FOR COMPONENT (Kg)									38,00			38,00
											Total for negative movement -				**Total for positive movement +**	38,00
Flange Slip-On x Wafer ASME B16.5 150 LB RF (125÷250 AARH) Forged ASTM A 105																
4718	In	12	0	mm		0	p1	NR	1,00			1,00	28,00		1,00	28,00
				TOTAL FOR COMPONENT (Kg)									28,00			28,00
											Total for negative movement -				**Total for positive movement +**	28,00
Flange Slip-On x Wafer ASME B16.5 150 LB FF (125÷250 AARH) Forged ASTM A 105																
4728	In	4	0	mm		0	p1	NR	2,00			2,00	11,20		2,00	11,20
				TOTAL FOR COMPONENT (Kg)									11,20			11,20
											Total for negative movement -				**Total for positive movement +**	11,20
				TOTAL MR (Kg)									2.801,60			1.449,30
											Total for negative movement -	27,20			**Total for positive movement +**	1.476,50

Ballestra		Material Request - Summary (1)	PROJ:	1E35	REV:	0	08/03/2010
PUMA5	08/03/2010 11.28.36		DOC:	1E35.65.005			

1E35 - SULPHUREX GH/F

SubProject	Category of Good	MR ID	MR Number	MR Rev
P05 / 1E35-65-005	0402 / STAINLESS STEEL FLANGES	1100	1E35-65-005	0

Mark		S1	S2		T1.	T2	Len. mm	P.L.	U.m	ACTUAL Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	PREVIOUS Qty	NEED Quantity	NEED Weight (Kg)
Flange Slip-On ASME B16.5 150 LB ST (63÷125 AARH) Forged ASTM A 182 GR. F304																	
513	In	16	0	mm			0	p1	NR	5,00			5,00	234,68		5,00	234,68
			TOTAL FOR COMPONENT (Kg)											234,68			234,68
										Total for negative movement -					Total for positive movement +		234,68
Flange Slip-On ASME B16.5 150 LB SG (63÷125 AARH) Forged ASTM A 182 GR. F304																	
541	In	16	0	mm			0	p1	NR	1,00			1,00	46,94		1,00	46,94
			TOTAL FOR COMPONENT (Kg)											46,94			46,94
										Total for negative movement -					Total for positive movement +		46,94
Flange Slip-On ASME B16.5 300 LB ST (63÷125 AARH) Forged ASTM A 182 GR. F304H																	
569	In	16	0	mm			0	p1	NR	1,00			1,00	91,83		1,00	91,83
			TOTAL FOR COMPONENT (Kg)											91,83			91,83
										Total for negative movement -					Total for positive movement +		91,83
			TOTAL MR (Kg)											373,45			373,45
										Total for negative movement -					Total for positive movement +		373,45

Ballestra		Material Request - Summary (1)	PROJ:	1E35	REV:	1	08/03/2010
PUMA5	08/03/2010 11.29.00		DOC:	1E35.65.005			

1E35 - SULPHUREX GH/F

SubProject	Category of Good	MR ID	MR Number	MR Rev
P05 / 1E35-65-005	0405 / GALVANIZED CARBON STEEL FLANGES	1110	1E35-65-005	1

Mark		S1	S2		T1.	T2	Len. mm	P.L.	U.m	ACTUAL Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	PREVIOUS Qty	NEED Quantity	NEED Weight (Kg)
Flange ASME B16.5 THRD-F NPT 150 LB RF (125÷250 AARH) Forged ASTM A 105 Galvanized																	
390	In	1/2	0	mm			0	p1	NR	7,00	1,00		8,00	3,20	4,00	4,00	1,60
392	In	1	0	mm			0	p1	NR	1,00			1,00	,90	1,00		
				TOTAL FOR COMPONENT (Kg)										4,10			1,60
										Total for negative movement -					Total for positive movement +		1,60
Flange Lap-Joint ASME B16.5 150 LB Flat Face Smooth Forged ASTM A 105 Galvanized																	
446	In	1/2	0	mm			0	p1	NR	54,00	5,00		59,00	23,60	32,00	27,00	10,80
447	In	3/4	0	mm			0	p1	NR	8,00	1,00		9,00	6,30	10,00	-1,00	-,70
448	In	1	0	mm			0	p1	NR	38,00	6,00		44,00	35,20	17,00	27,00	21,60
449	In	1+1/4	0	mm			0	p1	NR	1,00			1,00	1,10		1,00	1,10
450	In	1+1/2	0	mm			0	p1	NR	44,00	4,00		48,00	67,20	19,00	29,00	40,60
451	In	2	0	mm			0	p1	NR	100,00	5,00		105,00	231,00	35,00	70,00	154,00
452	In	2+1/2	0	mm			0	p1	NR	11,00	1,00		12,00	43,20	6,00	6,00	21,60
453	In	3	0	mm			0	p1	NR	18,00	2,00		20,00	82,00	13,00	7,00	28,70
454	In	4	0	mm			0	p1	NR	30,00	3,00		33,00	184,80	15,00	18,00	100,80
455	In	5	0	mm			0	p1	NR						1,00	-1,00	-6,30
456	In	6	0	mm			0	p1	NR	10,00	1,00		11,00	82,50	10,00	1,00	7,50
457	In	8	0	mm			0	p1	NR	3,00			3,00	37,80	3,00		
459	In	12	0	mm			0	p1	NR	4,00			4,00	112,00	4,00		
460	In	14	0	mm			0	p1	NR	7,00			7,00	294,00	4,00	3,00	126,00
461	In	16	0	mm			0	p1	NR	4,00			4,00	208,00		4,00	208,00
				TOTAL FOR COMPONENT (Kg)										1.408,70			713,70
										Total for negative movement -			7,00		Total for positive movement +		720,70

1E35 - SULPHUREX GH/F

SubProject	Category of Good	MR ID	MR Number	MR Rev
P05 / 1E35-65-005	0405 / GALVANIZED CARBON STEEL FLANGES	1110	1E35-65-005	1

Mark		S1	S2	T1.	T2	Len. mm	P.L.	U.m	ACTUAL Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	PREVIOUS Qty	NEED Quantity	NEED Weight (Kg)
Flange Blind + Disk ASME B16.5 - TA 50.63/3 (DISK) 150 LB RF (125÷250 AARH) Forged FLG: ASTM A 105 Galvanized - DISK: A240 TYPE 304																
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 COMPONENT (Kg)										8,13			8,13
									Total for negative movement -					Total for positive movement +		8,13
Flange Blind + Disk ASME B16.5 - TA 50.63/3 (DISK) 150 LB RF (125÷250 AARH) Forged FLG: ASTM A 105 Galvanized - DISK: A240 TYPE 316																
5086	In	1/2	0	mm		0	p1	NR	1,00			1,00	,44		1,00	,44
			TOTAL FOR COMPONENT (Kg)										,44			,44
									Total for negative movement -					Total for positive movement +		,44
			TOTAL MR (Kg)										1.421,37			723,87
									Total for negative movement -			7,00		Total for positive movement +		730,87

Ballestra		Material Request - Summary (1)	PROJ:	1E35	REV:	1	08/03/2010
PUMA5	08/03/2010 11.29.21		DOC:	1E35.65.005			

1E35 - SULPHUREX GH/F

SubProject	Category of Good	MR ID	MR Number	MR Rev
P05 / 1E35-65-005	0501 / PLASTIC COMPONENTS	1120	1E35-65-005	1

Mark		S1	S2		T1.	T2	Len. mm	P.L.	U.m	ACTUAL Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	PREVIOUS Qty	NEED Quantity	Weight (Kg)
Pipe ST.46054/7 PL * POLYPROPYLENE Unthreadable Type																	
1594	In	18	0	mm	6,0		0	p1	m						20,00	-20,00	-155,43
TOTAL FOR COMPONENT (Kg)																	-155,43
										Total for negative movement -				155,43	Total for positive movement +		
TOTAL MR (Kg)																	-155,43
										Total for negative movement -				155,43	Total for positive movement +		

Ballestra		Material Request - Summary (1)	PROJ:	1E35	REV:	1	08/03/2010
PUMA5	08/03/2010 11.29.42		DOC:	1E35.65.005			

1E35 - SULPHUREX GH/F

SubProject	Category of Good	MR ID	MR Number	MR Rev
P05 / 1E35-65-005	0601 / BOLTS	1130	1E35-65-005	1

Mark		S1	S2		T1.	T2	Len. mm	P.L.	U.m	ACTUAL Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	PREVIOUS Qty	NEED Quantity	NEED Weight (Kg)
Stud Bolt + 2 Nuts TA 50.48B/28 ASME B18.2.1 UNC/2.2 TAB. 9 ASTM A 193 GR. B8 CL.2/A194 GR. 8																	
5369	In	1+1/4	0	mm			190	p1	NR	20,00	4,00		24,00	87,60		24,00	87,60
			TOTAL FOR COMPONENT (Kg)											87,60			87,60
										Total for negative movement -					Total for positive movement +		87,60
Stud Bolt + 2 Nuts TA 50.48B/28 ASME B18.2.1 UNC/2.2 TAB. 9 ASTM A 193 B7/ASTM A 194 GR.2H																	
5191	In	1/2	0	mm			65	p1	NR	212,00	11,00		223,00	24,53	66,00	157,00	17,27
5192	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	20,00	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	8,00	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

1E35 - SULPHUREX GH/F

SubProject	Category of Good	MR ID	MR Number	MR Rev
P05 / 1E35-65-005	0601 / BOLTS	1130	1E35-65-005	1

Mark		S1	S2		T1.	T2	Len. mm	P.L.	U.m	ACTUAL Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	PREVIOUS Qty	NEED Quantity	NEED 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 COMPONENT (Kg)										1.450,43			1.110,31
												Total for negative movement -				**Total for positive movement +**	1.110,31
Stud Bolt + 2 Nuts TA 50.48B/28 ASME B18.2.1 UNC/2.2 TAB. 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 (Kg)										154,00			154,00
												Total for negative movement -				**Total for positive movement +**	154,00
Stud Bolt + 2 Nuts TA 50.48B/28 ASME B18.2.1 UNC/2.2 TAB. 9 ASTM A 193 B7/A194 2H Galvanized																	
5125	In	1/2	0	mm			65	p1	NR	48,00	7,00		55,00	6,05	8,00	47,00	5,17
5126	In	1/2	0	mm			70	p1	NR	20,00	4,00		24,00	2,64	2,00	22,00	2,42
5127	In	1/2	0	mm			75	p1	NR	236,00	12,00		248,00	29,76	84,00	164,00	19,68
5128	In	1/2	0	mm			80	p1	NR	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

PUMA5	Material Request - Summary (1)	08/03/2010 11.29.43
1E35 - SULPHUREX GH/F		

SubProject	Category of Good	MR ID	MR Number	MR Rev
P05 / 1E35-65-005	0601 / BOLTS	1130	1E35-65-005	1

Mark		S1	S2		T1.	T2	Len. mm	P.L.	U.m	ACTUAL Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	PREVIOUS Qty	NEED Quantity	NEED Weight (Kg)
5150	In	3/4	0	mm			130	p1	NR	24,00	4,00		28,00	26,88	12,00	16,00	15,36
5154	In	3/4	0	mm			155	p1	NR	32,00	5,00		37,00	39,22		37,00	39,22
5158	In	7/8	0	mm			140	p1	NR	48,00	7,00		55,00	35,20	24,00	31,00	19,84
5168	In	1	0	mm			155	p1	NR	66,00	7,00		73,00	134,32	24,00	49,00	90,16
5169	In	1	0	mm			160	p1	NR	48,00	7,00		55,00	102,85		55,00	102,85
5171	In	1	0	mm			180	p1	NR	16,00	3,00		19,00	38,00		19,00	38,00
				TOTAL FOR COMPONENT (Kg)										704,21			533,65
										Total for negative movement -					Total for positive movement +		533,65
Screws for valves ASME B 18.2.1 /UNC ASTM A 193 B7																	
5373	In	1/2	0	mm			30	p1	NR	40,00	6,00		46,00	3,68		46,00	3,68
5376	In	5/8	0	mm			40	p1	NR	16,00	3,00		19,00	2,85		19,00	2,85
				TOTAL FOR COMPONENT (Kg)										6,53			6,53
										Total for negative movement -					Total for positive movement +		6,53
Screws for valves ASME B 18.2.1 /UNC ASTM A 193 B7 Galvanized																	
5381	In	1/2	0	mm			30	p1	NR	320,00	16,00		336,00	26,88		336,00	26,88
5382	In	1/2	0	mm			35	p1	NR	96,00	10,00		106,00	8,48		106,00	8,48
5384	In	5/8	0	mm			40	p1	NR	640,00	32,00		672,00	100,80		672,00	100,80
5385	In	5/8	0	mm			45	p1	NR	384,00	19,00		403,00	64,48		403,00	64,48
				TOTAL FOR COMPONENT (Kg)										200,64			200,64
										Total for negative movement -					Total for positive movement +		200,64
				TOTAL MR (Kg)										2.603,41			2.092,73
										Total for negative movement -					Total for positive movement +		2.092,73

Ballestra		Material Request - Summary (1)	PROJ:	1E35	REV:	1	08/03/2010
PUMA5	08/03/2010 11.30.04		DOC:	1E35.65.005			

1E35 - SULPHUREX GH/F

SubProject	Category of Good	MR ID	MR Number	MR Rev
P05 / 1E35-65-005	0701 / GASKET	1140	1E35-65-005	1

Mark		S1	S2		T1.	T2	Len. mm	P.L.	U.m	ACTUAL Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	PREVIOUS Qty	NEED Quantity	NEED Weight (Kg)
Gasket TA 50.5/31 150 LB RF (125÷250 AARH) _ B5C																	
659	In	1/2	0	mm			0	p1	NR	48,00	24,00		72,00		17,00	55,00	
660	In	3/4	0	mm			0	p1	NR	4,00	4,00		8,00		2,00	6,00	
661	In	1	0	mm			0	p1	NR	17,00	8,00		25,00		11,00	14,00	
663	In	1+1/2	0	mm			0	p1	NR	7,00	4,00		11,00		5,00	6,00	
664	In	2	0	mm			0	p1	NR	5,00	5,00		10,00		8,00	2,00	
665	In	2+1/2	0	mm			0	p1	NR	3,00	3,00		6,00		2,00	4,00	
666	In	3	0	mm			0	p1	NR	41,00	20,00		61,00		13,00	48,00	
667	In	4	0	mm			0	p1	NR	20,00	10,00		30,00		10,00	20,00	
669	In	6	0	mm			0	p1	NR	9,00	5,00		14,00		5,00	9,00	
670	In	8	0	mm			0	p1	NR	2,00	2,00		4,00		2,00	2,00	
671	In	10	0	mm			0	p1	NR	9,00	5,00		14,00		8,00	6,00	
672	In	12	0	mm			0	p1	NR	3,00	3,00		6,00		3,00	3,00	
673	In	14	0	mm			0	p1	NR	21,00	10,00		31,00		5,00	26,00	
674	In	16	0	mm			0	p1	NR	1,00	1,00		2,00		1,00	1,00	
				TOTAL FOR COMPONENT (Kg)													
										Total for negative movement -					Total for positive movement +		
Gasket TA 50.5/31 150 LB RF (125÷250 AARH) _ B5B																	
691	In	1/2	0	mm			0	p1	NR	6,00	4,00		10,00			10,00	
692	In	3/4	0	mm			0	p1	NR	2,00	2,00		4,00			4,00	
693	In	1	0	mm			0	p1	NR	6,00	4,00		10,00			10,00	
695	In	1+1/2	0	mm			0	p1	NR	2,00	2,00		4,00			4,00	
696	In	2	0	mm			0	p1	NR	2,00	2,00		4,00			4,00	
698	In	3	0	mm			0	p1	NR	2,00	2,00		4,00			4,00	
703	In	10	0	mm			0	p1	NR	2,00	2,00		4,00			4,00	

1E35 - SULPHUREX GH/F

SubProject	Category of Good	MR ID	MR Number	MR Rev
P05 / 1E35-65-005	0701 / GASKET	1140	1E35-65-005	1

Mark		S1	S2	T1.	T2	Len. mm	P.L.	U.m	ACTUAL Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	PREVIOUS Qty	NEED Quantity	Weight (Kg)
704	In	12	0	mm		0	p1	NR	1,00	1,00		2,00			2,00	
705	In	14	0	mm		0	p1	NR	1,00	1,00		2,00			2,00	
706	In	16	0	mm		0	p1	NR	2,00	2,00		4,00			4,00	
				TOTAL FOR COMPONENT (Kg)												
									Total for negative movement -					Total for positive movement +		
Gasket TA 50.5/31 150 LB RF (125÷250 AARH) _ B5F																
710	In	1/2	0	mm		0	p1	NR	69,00	21,00		90,00		15,00	75,00	
711	In	3/4	0	mm		0	p1	NR	14,00	7,00		21,00		5,00	16,00	
712	In	1	0	mm		0	p1	NR	44,00	22,00		66,00		8,00	58,00	
713	In	1+1/4	0	mm		0	p1	NR	1,00	1,00		2,00			2,00	
714	In	1+1/2	0	mm		0	p1	NR	52,00	16,00		68,00		8,00	60,00	
715	In	2	0	mm		0	p1	NR	120,00	24,00		144,00		15,00	129,00	
716	In	2+1/2	0	mm		0	p1	NR	18,00	9,00		27,00		2,00	25,00	
717	In	3	0	mm		0	p1	NR	35,00	18,00		53,00		5,00	48,00	
718	In	4	0	mm		0	p1	NR	33,00	16,00		49,00		5,00	44,00	
720	In	6	0	mm		0	p1	NR	12,00	6,00		18,00			18,00	
721	In	8	0	mm		0	p1	NR	4,00	4,00		8,00			8,00	
723	In	12	0	mm		0	p1	NR	4,00	4,00		8,00		2,00	6,00	
724	In	14	0	mm		0	p1	NR	6,00	4,00		10,00		2,00	8,00	
725	In	16	0	mm		0	p1	NR	4,00	4,00		8,00			8,00	
				TOTAL FOR COMPONENT (Kg)												
									Total for negative movement -					Total for positive movement +		
Gasket TA 50.5/31 150 LB RF (125÷250 AARH) _ B5F B 81																
729	In	1/2	0	mm		0	p1	NR						1,00	-1,00	
731	In	1	0	mm		0	p1	NR						1,00	-1,00	
733	In	1+1/2	0	mm		0	p1	NR						2,00	-2,00	
734	In	2	0	mm		0	p1	NR						3,00	-3,00	

1E35 - SULPHUREX GH/F

SubProject	Category of Good	MR ID	MR Number	MR Rev
P05 / 1E35-65-005	0701 / GASKET	1140	1E35-65-005	1

Mark		S1	S2		T1.	T2	Len. mm	P.L.	U.m	ACTUAL Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	PREVIOUS Qty	NEED 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)													
										Total for negative movement -					Total for positive movement +		
Gasket TA 50.5/31 150 LB RF (125÷250 AARH) _ B5D FLAT																	
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)													
										Total for negative movement -					Total for positive movement +		
Gasket TA 50.5/31 150 LB ST-SG (63÷125AARH) _ E11H Corrugate Metal Gasket 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)													
										Total for negative movement -					Total for positive movement +		
Gasket TA 50.5/31 300 LB ST-SG (63÷125AARH) _ F16L SPIRAL WOUND F16L																	
797	In	16	0	mm			0	p1	NR	1,00	1,00		2,00			2,00	
				TOTAL FOR COMPONENT (Kg)													
										Total for negative movement -					Total for positive movement +		

1E35 - SULPHUREX GH/F

SubProject	Category of Good	MR ID	MR Number	MR Rev
P05 / 1E35-65-005	0701 / GASKET	1140	1E35-65-005	1

Mark		S1	S2	T1.	T2	Len. mm	P.L.	U.m	ACTUAL Take Off	Surplus	Manual	Tot Qty	Tot. W. (Kg)	PREVIOUS Qty	NEED Quantity	Weight (Kg)
Gasket TA 50.5/31 86 psi FF (125÷250 AARH) _ B15D FLAT																
5702	In	14	0	mm		0	p1	NR	25,00	12,00		37,00		3,00	34,00	
801	In	16	0	mm		0	p1	NR	3,00	3,00		6,00			6,00	
				TOTAL FOR COMPONENT (Kg)												
									Total for negative movement -					Total for positive movement +		
				TOTAL MR (Kg)												
									Total for negative movement -					Total for positive movement +		