

			GROUP MANUFACTURING SPECIFICATION				PRINCIPLE DRG: 4-80-468-81177 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING				RCI	NETWORK NUMBER 6251030		001/084 PAGE NUMBER		RVN '07'
CUST No. PROJ NAME		7273 ENNORE SEZ 2X660 MW LPP														
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO
										MATL SPECN						FINISHED WT
010		4	*						MAIN CIRCULATION WATER PIPING	-----		A			1.000	4755348.139
020		4	*	01			00	00	CW PIPING BETWEEN A-ROW TO PUMP HOUSE/CT	-----		A		NO	1.000	2757355.576
030		4	*	02			00	NU	MITRE BENDS	-----		A			1.000	229699.792
040		4	*	15		4-80-468-81177	01	NU	SHOP COATING DETAIL (NEAR BEVEL END)	-----		A			1.000	0.000
050		4	*	16		4-80-468-81178	02	NU	NOTES FOR PRODUCTION	-----		A			1.000	0.000
060		4	*	17			01	00	CW PPG BET A-ROW TO PUMP HOUSE-ADD. REL.	-----		A		NO	1.000	503785.626
070		4	*	18		0-80-468-07242	00	00	CW PIPING BETWEEN A-ROW TO PH-SUPPLY	-----		A			1.000	313811.929

Weights indicated against piping DU's are average weights only

			GROUP MANUFACTURING SPECIFICATION				PRINCIPLE DRG: 0-80-468-07245 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING				RCI	NETWORK NUMBER 6251030		002/084 PAGE NUMBER		RVN '07'
CUST No. PROJ NAME		7273 ENNORE SEZ 2X660 MW LPP														
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO
										MATL SPECN						FINISHED WT
010		4	*	31		0-80-468-07245	00	00	CW SUPPLY LINE NEAR PUMP HOUSE	-----		A			1.000	290821.754
020		4	*	37		1-80-468-22052	00	00	ACW PIPING FROM PUMP HOUSE TO A-ROW-UNIT1	-----		A			1.000	180214.819
030		4	*	50		1-80-468-22053	00	00	ACW PIPING FROM PUMP HOUSE TO A-ROW-UNIT2	-----		A			1.000	141990.765
040		4	*	59		0-80-468-07243	00	00	CW PIPING BETWEEN A- ROW TO PH-RETURN& RC	-----		A			1.000	319443.590
050		4	*	75		1-80-468-22107	00	00	ACW PIPING NEAR PUMP HOUSE	-----		A			1.000	18224.288
060		4	001	01	01		00	00	PIPE OD3820X18 UG L= 1550.42M GF COAT	1593874100UG ----- IS3589-410MPA	C	L		M	1550.420	2616488.792
070		4	002	01	02		00	00	PIPE 2540 X 18 IS35 89FE410MPA SPIRAL/LS	1593870200UG ----- IS3589FE410MPA	C	L		M	50.180	56171.492

Weights indicated against piping DU's are average weights only

			GROUP MANUFACTURING SPECIFICATION				PRINCIPLE DRG: DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING				RCI	NETWORK NUMBER 6251030		003/084 PAGE NUMBER		RVN '07'
CUST No. PROJ NAME		7273 ENNORE SEZ 2X660 MW LPP														
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO
										MATL SPECN						FINISHED WT
010		4	003	01	03		00	00	PIPE 2132 X 18 - IS3 589-410MPA-LS/SPI-UG	1593871500UG ----- IS3589-410MPA	C	L		M	90.255	84695.292
020		1	004	02	01	3-80-468-33654	01	NU	90DEG M.BEND OD3820X 20 R.75D G.F.COAT-UG	-----	C	M		NO	11.000	95667.165
030	*	1	004	03	01	4-80-468-33660	00	01	P.F.PIPE OD3820X20 L =4641	150112010200 ----- IS2062E250GRBR	C		02	NO	11.000	95667.165
040		1	005	02	02	3-80-468-33653	01	NU	45DEG M.BEND OD3820X 20 R.75D G.F.COAT-UG	-----	C	M		NO	6.000	25950.216
050	*	1	005	04	01	4-80-468-33660	00	02	P.F.PIPE OD3820X20 L =2308	150112010200 ----- IS2062E250GRBR	C		02	NO	6.000	25950.216
060		1	006	02	03	3-80-468-33652	01	NU	15DEG M.BEND OD3820X 20 R.75D G.F.COAT-UG	-----	C	M		NO	3.000	4334.613
070	*	1	006	05	01	4-80-468-33660	00	03	P.F.PIPE OD3820X20 L =771	150111500000 ----- IS2062E250GRA	C		01	NO	3.000	4334.613

Weights indicated against piping DU's are average weights only

			GROUP MANUFACTURING SPECIFICATION				PRINCIPLE DRG: DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING				RCI	NETWORK NUMBER 6251030		004/084 PAGE NUMBER		RVN '07'
CUST No. PROJ NAME		7273 ENNORE SEZ 2X660 MW LPP														
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO
										MATL SPECN						FINISHED WT
010		1	007	02	04	3-80-468-33649	00	NU	90DEG M.BEND OD2540X 20 R.75D G.F.COAT-UG	-----	C	M		NO	6.000	22904.730
020	*	1	007	06	01	4-80-468-33659	00	02	P.F.PIPE OD2540X20 L =3072	150111500000 ----- IS2062E250GRA	C		01	NO	6.000	22904.730
030		1	008	02	05	3-80-468-33648	00	NU	45DEG M.BEND OD2540X 20 R.75D G.F.COAT-UG	-----	C	M		NO	8.000	15230.256
040	*	1	008	07	01	4-80-468-33659	00	01	P.F.PIPE OD2540X20 L =1532	150111500000 ----- IS2062E250GRA	C		01	NO	8.000	15230.256
050		1	009	02	06	3-80-468-33650	00	NU	30DEG M.BEND OD2540X 20 R.75D G.F.COAT-UG	-----	C	M		NO	2.000	2555.018
060	*	1	009	08	01	4-80-468-33659	00	03	P.F.PIPE OD2540X20 L =1028	150111500000 ----- IS2062E250GRA	C		01	NO	2.000	2555.018
070		1	010	02	07	3-80-468-33651	00	NU	15DEG M.BEND OD2540X 20 R.75D G.F.COAT-UG	-----	C	M		NO	12.000	7664.112

Weights indicated against piping DU's are average weights only

			GROUP MANUFACTURING SPECIFICATION				PRINCIPLE DRG: DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING				RCI	NETWORK NUMBER 6251030		005/084 PAGE NUMBER		RVN '07'
CUST No. PROJ NAME		7273 ENNORE SEZ 2X660 MW LPP														
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO
										MATL SPECN						FINISHED WT
010	*	1	010	09	01	4-80-468-33659	00	04	P.F.PIPE OD2540X20 L =514	150111500000 ----- IS2062E250GRA	C		01	NO	12.000	7664.112
020		1	011	02	08	3-80-468-33656	00	NU	90DEG M.BEND OD2132X 20 R.75D G.F.COAT-UG	----- -----	C	M		NO	2.000	5398.602
030	*	1	011	10	01	4-80-468-33701	00	01	P.F.PIPE OD2132X20 L =2592	150111500000 ----- IS2062E250GRA	C		01	NO	2.000	5398.602
040		1	012	02	09	3-80-468-33655	00	NU	64DEG M.BEND OD2132X 20 R.75D G.F.COAT-UG	----- -----	C	M		NO	1.000	1922.465
050	*	1	012	11	01	4-80-468-33701	00	02	P.F.PIPE OD2132X20 L =1846	150111500000 ----- IS2062E250GRA	C		01	NO	1.000	1922.465
060		1	013	02	10	3-80-468-33657	00	NU	45DEG M.BEND OD2132X 20 R.75D G.F.COAT-UG	----- -----	C	M		NO	3.000	4036.470
070	*	1	013	12	01	4-80-468-33701	00	03	P.F.PIPE OD2132X20 L =1292	150111500000 ----- IS2062E250GRA	C		01	NO	3.000	4036.470

Weights indicated against piping DU's are average weights only

			GROUP MANUFACTURING SPECIFICATION				PRINCIPLE DRG: DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING				RCI	NETWORK NUMBER 6251030		006/084 PAGE NUMBER		RVN '07'
CUST No. PROJ NAME		7273 ENNORE SEZ 2X660 MW LPP														
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO
										MATL SPECN						FINISHED WT
010		1	014	02	11	3-80-468-33709	00	NU	90DEG M.BEND OD2540X 20 R.75D G.F.COAT-OG	-----	C	M		NO	8.000	30539.640
020	*	1	014	13	01	3-80-468-33659	00	01	P.F.PIPE OD2540X20 L =3072	150112010200 ----- IS2062E250GRBR	C		02	NO	8.000	30539.640
030		1	015	02	12	3-80-468-33710	00	NU	90DEG M.BEND OD2132X 20 R.75D G.F.COAT-OG	-----	C	M		NO	5.000	13496.505
040	*	1	015	14	01	3-80-468-33701	00	01	P.F.PIPE OD2132X20 L =2592	150111500000 ----- IS2062E250GRA	C		01	NO	5.000	13496.505
050		4	016	17	01		01	00	PIPE OD3820X18 UG L= 271.635M GF COAT	1593874100UG ----- IS3589-410MPA	C	L		M	271.635	458411.226
060		4	027	17	12		01	00	PIPE 2132 X 18 - IS3 589-410MPA-LS/SPI-UG	1593871500UG ----- IS3589-410MPA	C	L		M	30.245	28381.908
070		4	030	17	15		01	00	PIPE 2540 X 18 IS35 89FE410MPA SPIRAL/LS	1593870200UG ----- IS3589FE410MPA	C	L		M	15.180	16992.492

Weights indicated against piping DU's are average weights only

			GROUP MANUFACTURING SPECIFICATION				PRINCIPLE DRG: 0-80-468-07242 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING				RCI	NETWORK NUMBER 6251030		007/084 PAGE NUMBER		RVN '07'
CUST No. PROJ NAME		7273 ENNORE SEZ 2X660 MW LPP														
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO
										MATL SPECN						FINISHED WT
010		4	031	18	12	3-80-468-33905	00	11	PF PIPE OD3820X20 L=3026 GLASS FLAKE(UG)	150111500000 ----- IS2062E250GRA	C	L		NO	1.000	5670.526
020		4	032	18	13	3-80-468-33905	00	12	PF PIPE OD3820X20 L=4498 GLASS FLAKE(UG)	150111500000 ----- IS2062E250GRA	C	L		NO	1.000	8429.016
030		4	033	18	14	3-80-468-33905	00	13	PF PIPE OD3820X20 L=4766 GLASS FLAKE(UG)	150111500000 ----- IS2062E250GRA	C	L		NO	1.000	8931.259
040		4	034	18	18	3-80-468-33907	00	00	FAB. UNEQT OD3820X25 40 GLASS FLAKE(UG)	-----	C	M		NO	2.000	23549.978
050		4	034	19	01	3-80-468-33905	00	01	PF PIPE OD3820X20 L=5519 GF COATING (UG)	150111500000 ----- IS2062E250GRA	C			NO	2.000	20684.750
060		4	034	19	02	3-80-468-33906	00	01	PF PIPE OD2540X20 L=853 GF COATING (UG)	150111500000 ----- IS2062E250GRA	C			NO	2.000	2119.814
070		4	034	19	03	3-80-468-33907	00	00	PAD PLATE; T=16MM OD 3200; ID2542	150110260000 ----- IS2062E250GRA	C			NO	2.000	745.414

Weights indicated against piping DU's are average weights only

			GROUP MANUFACTURING SPECIFICATION				PRINCIPLE DRG: 0-80-468-07242 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING				RCI	NETWORK NUMBER 6251030		008/084 PAGE NUMBER		RVN '07'
CUST No. PROJ NAME		7273 ENNORE SEZ 2X660 MW LPP														
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO
										MATL SPECN						FINISHED WT
010		4	035	18	19	3-80-468-33908	00	00	FAB. UNEQT OD3820X25 40 GLASS FLAKE(UG)	-----	C	M		NO	1.000	10753.704
020		4	035	20	01	3-80-468-33905	00	02	PF PIPE OD3820X20 L= 4974 GF COATING (UG)	150111500000 ----- IS2062E250GRA	C			NO	1.000	9321.090
030		4	035	20	02	3-80-468-33906	00	01	PF PIPE OD 2540X20 L =853 GF COATING (UG)	150111500000 ----- IS2062E250GRA	C			NO	1.000	1059.907
040		4	035	20	03	3-80-468-33908	00	00	PAD PLATE; T=16MM OD 3200; ID2542	150110260000 ----- IS2062E250GRA	C			NO	1.000	372.707
050		4	036	18	20	3-80-468-33910	00	00	PIPE OD3820 WITH MAN HOLE GLASS FLAKE(UG)	-----	C	M		NO	1.000	6907.403
060		4	036	21	01	3-80-468-33905	00	04	PF PIPE OD 3820X20 L =3143	150111500000 ----- IS2062E250GRA	C			NO	1.000	5889.855
070		4	036	21	02	3-80-468-33910	00	00	PF PIPE OD610X10 L=3 111	150110170000 ----- IS2062E250GRBR	C			NO	1.000	459.853

Weights indicated against piping DU's are average weights only

			GROUP MANUFACTURING SPECIFICATION					PRINCIPLE DRG: 0-80-468-07242 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING					RCI	NETWORK NUMBER 6251030		009/084 PAGE NUMBER		RVN '07'
CUST No. PROJ NAME			7273 ENNORE SEZ 2X660 MW LPP															
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO		
										MATL SPECN						FINISHED WT		
010		4	036	21	03	3-80-468-33910	00	00	PAD PLATE T=10MM OD1512 ;ID630	152110980000 ----- IS2062E250GRA	C			NO	1.000	179.451		
020		4	036	21	04	3-80-468-27258	00	03	FLAT FACE FLANGE NB6 00	150111060000 ----- IS2062E250GRBR	C			NO	1.000	78.100		
030		4	036	21	05	3-80-468-33915	00	00	BLANK FLANGE NB600	-----	C	A		NO	1.000	186.129		
040		4	036	22	01	3-80-468-33915	00	00	BLANK FLANGE NB600 P L:T=50, DIA815	150111060000 ----- IS2062E250GRBR	C			NO	1.000	183.100		
050		4	036	22	02	3-80-468-33915	00	00	HANDLE; ROD DIA32X48 0	153391400000 ----- SA105	C			NO	1.000	3.029		
060		4	036	21	06	3-80-468-33910	00	00	HINGE PLATE 370X240X 12THK (OUTER)	150111320000 ----- IS2062E250GRA	C			NO	2.000	16.730		
070		4	036	21	07	3-80-468-33910	00	00	HINGE PLATE 473X140X 12THK (INNER)	150111320000 ----- IS2062E250GRA	C			NO	2.000	12.476		

Weights indicated against piping DU's are average weights only

			GROUP MANUFACTURING SPECIFICATION					PRINCIPLE DRG: 0-80-468-07242 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING					RCI	NETWORK NUMBER 6251030		010/084 PAGE NUMBER		RVN '07'
CUST No. PROJ NAME			7273 ENNORE SEZ 2X660 MW LPP															
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO		
										MATL SPECN						FINISHED WT		
010		4	036	21	08	3-80-468-33910	00	00	STUD M24X315	153391390000 ----- SA105	C			NO	1.000	1.213		
020		4	036	21	09	3-80-468-33910	00	00	PUN WASHER-M24 -IS20 16-A	414080002400 ----- IS-2016	C			NO	2.000	0.060		
030		4	036	21	10	3-80-468-33910	00	00	NUT -M24 -CL6-IS1364 P3 BPS 41301	413010002400 ----- IS-1364(P-3)	C			NO	2.000	0.220		
040		4	036	21	11	3-80-468-33910	00	00	SPLIT PIN 4 X 25	417040402500 -----	C			NO	2.000	0.006		
050	*	4	036	21	12	3-80-468-33910	00	00	HEX BOLT M33X140-SS3 16L	948220300000 ----- SA182F304	C		06	NO	20.000	16.000		
060	*	4	036	21	13	3-80-468-33910	00	00	HEX NUT M33 SS316L	948220360000 ----- SA182F304	C		06	NO	20.000	66.660		
070		4	036	21	14	3-80-468-33910	00	00	NON ASBESTOS GASKET OD780XID617X3THK	220210300000 ----- NON-ASBESTOS	C			NO	1.000	0.650		

Weights indicated against piping DU's are average weights only

			GROUP MANUFACTURING SPECIFICATION				PRINCIPLE DRG: 0-80-468-07242 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING				RCI	NETWORK NUMBER 6251030		011/084 PAGE NUMBER		RVN '07'
CUST No. PROJ NAME		7273 ENNORE SEZ 2X660 MW LPP														
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO
										MATL SPECN						FINISHED WT
010		4	037	18	21	3-80-468-33911	00	00	PIPE OD3820 WITH MAN HOLE GLASS FLAKE(UG)	-----	C	M		NO	1.000	6452.845
020		4	037	23	01	3-80-468-33905	00	05	PF PIPE OD 3820X20 L =2803	150111500000 ----- IS2062E250GRA	C			NO	1.000	5252.749
030		4	037	23	02	3-80-468-33911	00	00	PLATE 10.0 MM - IS20 62E250GRBR	150110170000 ----- IS2062E250GRBR	C			NO	1.000	459.853
040		4	037	23	03	3-80-468-33911	00	00	PLATE 10.0 MM -IS206 2E250A(FE410W)	152110980000 ----- IS2062E250GRA	C			NO	1.000	179.451
050		4	037	23	04	3-80-468-27258	00	03	PLATE 50.0 MM - IS20 62E250B(FE410W)	150111060000 ----- IS2062E250GRBR	C			NO	1.000	260.708
060		4	037	23	05	3-80-468-33915	00	00	BLANK FLANGE NB600	-----	C	A		NO	1.000	186.129
070		4	037	22	01	3-80-468-33915	00	00	BLANK FLANGE NB600 P L:T=50, DIA815	150111060000 ----- IS2062E250GRBR	C			NO	1.000	183.100

Weights indicated against piping DU's are average weights only

			GROUP MANUFACTURING SPECIFICATION				PRINCIPLE DRG: 0-80-468-07243 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING				RCI	NETWORK NUMBER 6251030		012/084 PAGE NUMBER		RVN '07'
CUST No. PROJ NAME		7273 ENNORE SEZ 2X660 MW LPP														
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO
										MATL SPECN						FINISHED WT
010		4	037	22	02	3-80-468-33915	00	00	HANDLE; ROD DIA32X48 0	153391400000 ----- SA105	C			NO	1.000	3.029
020		4	037	23	06	3-80-468-33911	00	00	HINGE PLATE 370X240X 12THK (OUTER)	150111320000 ----- IS2062E250GRA	C			NO	2.000	16.730
030		4	037	23	07	3-80-468-33911	00	00	HINGE PLATE 473X140X 12THK (INNER)	150111320000 ----- IS2062E250GRA	C			NO	2.000	12.476
040		4	037	23	08	3-80-468-33911	00	00	STUD M24X315	153391390000 ----- SA105	C			NO	1.000	1.213
050		4	037	23	09	3-80-468-33911	00	00	PUNCHED WASHER A24	414080002400 ----- IS-2016	C			NO	2.000	0.060
060		4	037	23	10	3-80-468-33911	00	00	HEX NUT M24	413010002400 ----- IS-1364(P-3)	C			NO	2.000	0.220
070		4	037	23	11	3-80-468-33911	00	00	SPLIT PIN DIA 4X40	417040402500 -----	C			NO	2.000	0.006

Weights indicated against piping DU's are average weights only

			GROUP MANUFACTURING SPECIFICATION				PRINCIPLE DRG: 0-80-468-07242 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING				RCI	NETWORK NUMBER 6251030		013/084 PAGE NUMBER		RVN '07'
CUST No. PROJ NAME		7273 ENNORE SEZ 2X660 MW LPP														
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO
										MATL SPECN						FINISHED WT
010	*	4	037	23	12	3-80-468-33911	00	00	HEX BOLT M33X140-SS3 16L	948220300000 ----- SA182F304	C		06	NO	20.000	16.000
020	*	4	037	23	13	3-80-468-33911	00	00	HEX NUT M33 SS316L	948220360000 ----- SA182F304	C		06	NO	20.000	66.600
030		4	037	23	14	3-80-468-33911	00	00	NON ASBESTOS GASKET OD780XID617X3THK	220210300000 ----- NON-ASBESTOS	C			NO	1.000	0.650
040		4	038	18	22	3-80-468-33912	00	00	PIPE OD3820 WITH MAN HOLE GLASS FLAKE(UG)	-----	C	M		NO	1.000	6844.403
050		4	038	24	01	3-80-468-33905	00	06	PF PIPE OD 3820X20 L =3012	150111500000 ----- IS2062E250GRA	C			NO	1.000	5644.307
060		4	038	24	02	3-80-468-33912	00	00	PF PIPE OD610X10 L=3 111	150110170000 ----- IS2062E250GRBR	C			NO	1.000	459.853
070		4	038	24	03	3-80-468-33912	00	00	PAD PLATE T=10 OD 15 12 ;ID630	152110980000 ----- IS2062E250GRA	C			NO	1.000	179.451

Weights indicated against piping DU's are average weights only

			GROUP MANUFACTURING SPECIFICATION				PRINCIPLE DRG: 0-80-468-07243 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING				RCI	NETWORK NUMBER 6251030		014/084 PAGE NUMBER		RVN '07'
CUST No. PROJ NAME		7273 ENNORE SEZ 2X660 MW LPP														
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO
										MATL SPECN						FINISHED WT
010		4	038	24	04	3-80-468-27258	00	03	FLAT FACE FLANGE NB600	150111060000 ----- IS2062E250GRBR	C			NO	1.000	260.708
020		4	038	24	05	3-80-468-33915	00	00	BLANK FLANGE NB600	-----	C	A		NO	1.000	186.129
030		4	038	22	01	3-80-468-33915	00	00	BLANK FLANGE NB600 P L:T=50, DIA815	150111060000 ----- IS2062E250GRBR	C			NO	1.000	183.100
040		4	038	22	02	3-80-468-33915	00	00	HANDLE; ROD DIA32X480	153391400000 ----- SA105	C			NO	1.000	3.029
050		4	038	24	06	3-80-468-33912	00	00	HINGE PLATE 370X240X 12THK (OUTER)	150111320000 ----- IS2062E250GRA	C			NO	2.000	16.730
060		4	038	24	07	3-80-468-33912	00	00	HINGE PLATE 473X140X 12THK (INNER)	150111320000 ----- IS2062E250GRA	C			NO	2.000	12.476
070		4	038	24	08	3-80-468-33912	00	00	STUD M24X315	153391390000 ----- SA105	C			NO	1.000	1.213

Weights indicated against piping DU's are average weights only

			GROUP MANUFACTURING SPECIFICATION				PRINCIPLE DRG: 0-80-468-07242 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING				RCI	NETWORK NUMBER 6251030		015/084 PAGE NUMBER		RVN '07'
CUST No. PROJ NAME		7273 ENNORE SEZ 2X660 MW LPP														
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO
										MATL SPECN						FINISHED WT
010		4	038	24	09	3-80-468-33912	00	00	PUNCHED WASHER A24	414080002400 ----- IS-2016	C			NO	2.000	0.060
020		4	038	24	10	3-80-468-33912	00	00	HEX NUT M24	413010002400 ----- IS-1364(P-3)	C			NO	2.000	0.220
030		4	038	24	11	3-80-468-33912	00	00	SPLIT PIN DIA 4X40	417040402500 -----	C			NO	2.000	0.006
040	*	4	038	24	12	3-80-468-33912	00	00	HEX BOLT M33X140-SS3 16L	948220300000 ----- SA182F304	C		06	NO	20.000	16.000
050	*	4	038	24	13	3-80-468-33912	00	00	HEX NUT M33 -SS316L	948220360000 ----- SA182F304	C		06	NO	20.000	66.600
060		4	038	24	14	3-80-468-33912	00	00	NON ASBESTOS GASKET OD780XID617X3THK	220210300000 ----- NON-ASBESTOS	C			NO	1.000	0.650
070		4	039	18	23	3-80-468-33913	00	00	PIPE OD3820 WITH MAN HOLE GLASS FLAKE(UG)	-----	C	M		NO	1.000	6456.456

Weights indicated against piping DU's are average weights only

		GROUP MANUFACTURING SPECIFICATION					PRINCIPLE DRG: 0-80-468-07242 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING					RCI	NETWORK NUMBER 6251030		016/084 PAGE NUMBER		RVN '07'	
CUST No. PROJ NAME		7273 ENNORE SEZ 2X660 MW LPP																
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO		
										MATL SPECN						FINISHED WT		
010		4	039	25	01	3-80-468-33905	00	07	PF PIPE OD 3820X20 L =2805	150111500000 ----- IS2062E250GRA	C			NO	1.000	5256.360		
020		4	039	25	02	3-80-468-33913	00	00	PF PIPE OD610X10 L=3 111	150110170000 ----- IS2062E250GRBR	C			NO	1.000	459.853		
030		4	039	25	03	3-80-468-33913	00	00	PAD PLATE T=10 OD 15 12 ;ID630	152110980000 ----- IS2062E250GRA	C			NO	1.000	179.451		
040		4	039	25	04	3-80-468-27258	00	03	FLAT FACE FLANGE NB6 00	150111060000 ----- IS2062E250GRBR	C			NO	1.000	260.708		
050		4	039	25	05	3-80-468-33915	00	00	BLANK FLANGE NB600	-----	C	A		NO	1.000	186.129		
060		4	039	22	01	3-80-468-33915	00	00	BLANK FLANGE NB600 P L:T=50, DIA815	150111060000 ----- IS2062E250GRBR	C			NO	1.000	183.100		
070		4	039	22	02	3-80-468-33915	00	00	HANDLE; ROD DIA32X48 0	153391400000 ----- SA105	C			NO	1.000	3.029		

Weights indicated against piping DU's are average weights only

			GROUP MANUFACTURING SPECIFICATION					PRINCIPLE DRG: 0-80-468-07242 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING					RCI	NETWORK NUMBER 6251030		017/084 PAGE NUMBER		RVN '07'	
CUST No.			7273																
PROJ NAME			ENNORE SEZ 2X660 MW LPP																
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO			
										MATL SPECN						FINISHED WT			
010		4	039	25	06	3-80-468-33913	00	00	HINGE PLATE 370X240X 12THK (OUTER)	150111320000 ----- IS2062E250GRA	C			NO	2.000	16.730			
020		4	039	25	07	3-80-468-33913	00	00	HINGE PLATE 473X140X 12THK (INNER)	150111320000 ----- IS2062E250GRA	C			NO	2.000	12.476			
030		4	039	25	08	3-80-468-33913	00	00	STUD M24X315	153391390000 ----- SA105	C			NO	1.000	1.213			
040		4	039	25	09	3-80-468-33913	00	00	PUNCHED WASHER A24	414080002400 ----- IS-2016	C			NO	2.000	0.060			
050		4	039	25	10	3-80-468-33913	00	00	HEX NUT M24	413010002400 ----- IS-1364(P-3)	C			NO	2.000	0.220			
060		4	039	25	11	3-80-468-33913	00	00	SPLIT PIN DIA 4X40	417040402500 -----	C			NO	2.000	0.006			
070	*	4	039	25	12	3-80-468-33913	00	00	HEX BOLT M33X140-SS3 16L	948220300000 ----- SA182F304	C		06	NO	20.000	16.000			

Weights indicated against piping DU's are average weights only

			GROUP MANUFACTURING SPECIFICATION				PRINCIPLE DRG: 0-80-468-07242 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING				RCI	NETWORK NUMBER 6251030		018/084 PAGE NUMBER		RVN '07'
CUST No. PROJ NAME		7273 ENNORE SEZ 2X660 MW LPP														
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO
										MATL SPECN						FINISHED WT
010	*	4	039	25	13	3-80-468-33913	00	00	HEX NUT M33 -SS316L	948220360000 ----- SA182F304	C		06	NO	20.000	66.600
020		4	039	25	14	3-80-468-33913	00	00	NON ASBESTOS GASKET OD780XID617X3THK	220210300000 ----- NON-ASBESTOS	C			NO	1.000	0.650
030		4	040	18	24	3-80-468-33914	00	00	PIPE OD3820 WITH MAN HOLE GLASS FLAKE(UG)	-----	C	M		NO	1.000	7390.749
040		4	040	26	01	3-80-468-33905	00	08	PF PIPE OD 3820X20 L =3302	150111500000 ----- IS2062E250GRA	C			NO	1.000	6187.841
050		4	040	26	02	3-80-468-33914	00	00	PF PIPE OD610X10 L=3 111	150110170000 ----- IS2062E250GRBR	C			NO	1.000	459.853
060		4	040	26	03	3-80-468-33914	00	00	PAD PLATE T=10 OD 15 12 ;ID630	152110980000 ----- IS2062E250GRA	C			NO	1.000	179.451
070		4	040	26	04	3-80-468-27258	00	03	FLAT FACE FLANGE NB6 00	150111060000 ----- IS2062E250GRBR	C			NO	1.000	260.708

Weights indicated against piping DU's are average weights only

			GROUP MANUFACTURING SPECIFICATION					PRINCIPLE DRG: 0-80-468-07243 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING					RCI	NETWORK NUMBER 6251030		019/084 PAGE NUMBER		RVN '07'	
CUST No.			7273																
PROJ NAME			ENNORE SEZ 2X660 MW LPP																
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO			
										MATL SPECN						FINISHED WT			
010		4	040	26	05	3-80-468-33915	00	00	BLANK FLANGE NB600	-----	C	A		NO	1.000	186.129			
020		4	040	22	01	3-80-468-33915	00	00	BLANK FLANGE NB600 P L:T=50, DIA815	150111060000 ----- IS2062E250GRBR	C			NO	1.000	183.100			
030		4	040	22	02	3-80-468-33915	00	00	HANDLE; ROD DIA32X48 0	153391400000 ----- SA105	C			NO	1.000	3.029			
040		4	040	26	06	3-80-468-33914	00	00	HINGE PLATE 370X240X 12THK (OUTER)	150111320000 ----- IS2062E250GRA	C			NO	2.000	16.730			
050		4	040	26	07	3-80-468-33914	00	00	HINGE PLATE 473X140X 12THK (INNER)	150111320000 ----- IS2062E250GRA	C			NO	2.000	12.476			
060		4	040	26	08	3-80-468-33914	00	00	STUD M24X315	153391390000 ----- SA105	C			NO	1.000	1.213			
070		4	040	26	09	3-80-468-33914	00	00	PUNCHED WASHER A24	414080002400 ----- IS-2016	C			NO	2.000	0.060			

Weights indicated against piping DU's are average weights only

			GROUP MANUFACTURING SPECIFICATION				PRINCIPLE DRG: 0-80-468-07242 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING				RCI	NETWORK NUMBER 6251030		020/084 PAGE NUMBER		RVN '07'
CUST No. PROJ NAME		7273 ENNORE SEZ 2X660 MW LPP														
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO
										MATL SPECN						FINISHED WT
010		4	040	26	10	3-80-468-33914	00	00	HEX NUT M24	413010002400 ----- IS-1364(P-3)	C			NO	2.000	0.220
020		4	040	26	11	3-80-468-33914	00	00	SPLIT PIN DIA 4X40	417040402500 -----	C			NO	2.000	0.006
030	*	4	040	26	12	3-80-468-33914	00	00	HEX BOLT M33X140-SS3 16L	948220300000 ----- SA182F304	C		06	NO	20.000	16.000
040	*	4	040	26	13	3-80-468-33914	00	00	HEX NUT M33 -SS316L	948220360000 ----- SA182F304	C		06	NO	20.000	66.600
050		4	040	26	14	3-80-468-33914	00	00	NON ASBESTOS GASKET OD780XID617X3THK	220210300000 ----- NON-ASBESTOS	C			NO	1.000	3.462
060		4	041	18	25	3-80-468-33916	00	00	FAB.UNEQT OD3820X813 GLASS FLAKE (UG)	-----	C	M		NO	2.000	10213.356
070		4	041	27	01	3-80-468-33905	00	09	PF PIPE OD3820X20 L= 2400 GF COATING (UG)	150111500000 ----- IS2062E250GRA	C			NO	2.000	8994.844

Weights indicated against piping DU's are average weights only

			GROUP MANUFACTURING SPECIFICATION					PRINCIPLE DRG: 0-80-468-07242 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING					RCI	NETWORK NUMBER 6251030		021/084 PAGE NUMBER		RVN '07'
CUST No. PROJ NAME			7273 ENNORE SEZ 2X660 MW LPP															
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO		
										MATL SPECN						FINISHED WT		
010		4	041	27	02	3-80-468-33917	00	01	PF PIPE OD813X10 L=2 413	152110980000 ----- IS2062E250GRA	C			NO	2.000	955.032		
020		4	041	27	03	3-80-468-27258	00	05	FLAT FACED FLANGE NB 800	150111840000 ----- IS2062E250GRBR	C			NO	2.000	196.200		
030		4	041	27	04	3-80-468-33916	00	00	PAD PLATE; T=10MM OD 1100; ID815	152110980000 ----- IS2062E250GRA	C			NO	2.000	67.280		
040		4	042	18	26	3-80-468-33919	00	00	FAB.UNEQT OD3820X213 2 GLASS FLAKE (UG)	----- -----	C	M		NO	1.000	11741.890		
050		4	042	28	01	3-80-468-33905	00	10	PF PIPE OD3820X20 L= 5400	150111500000 ----- IS2062E250GRA	C			NO	1.000	10119.278		
060		4	042	28	02	3-80-468-33918	00	01	PF PIPE OD2132X20 L= 1299	150111500000 ----- IS2062E250GRA	C			NO	1.000	1352.712		
070		4	042	28	03	3-80-468-33919	00	00	PAD PLATE; T=16MM OD 2700; ID2134	150110260000 ----- IS2062E250GRA	C			NO	1.000	269.900		

Weights indicated against piping DU's are average weights only

			GROUP MANUFACTURING SPECIFICATION					PRINCIPLE DRG: 0-80-468-07242 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING					RCI	NETWORK NUMBER 6251030		022/084 PAGE NUMBER		RVN '07'				
CUST No.			7273																			
PROJ NAME			ENNORE SEZ 2X660 MW LPP																			
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO						
										MATL SPECN						FINISHED WT						
010		4	043	18	27	3-80-468-33906	00	02	PF PIPE OD2540X20 L=4071 GF COATING(UG)	150111500000 ----- IS2062E250GRA	C	L		NO	2.000	10117.708						
020		4	044	18	28	3-80-468-33906	00	03	PF PIPE OD2540X20 L=2071 GF COATING(UG)	150111500000 ----- IS2062E250GRA	C	L		NO	2.000	5147.088						
030		4	045	18		0-80-468-07242	00	00	PF.PIPE OD2540X20 WITH STUB	-----		M		NO	2.000	4829.200						
040		4	045	18	30	3-80-468-33906	00	04	PF PIPE OD2540X20 L=1921 GF COATING(OG)	150111500000 ----- IS2062E250GRA	C			NO	2.000	4774.370						
050		4	045	18	36	0-80-468-07242	00	00	PIPE DIA 219.1X6.0 L=150 GF COATING	159385490000 ----- IS3589-410MPA	C			NO	2.000	9.458						
060		4	045	18	37	4-80-463-66140	00	00	FLAT FACED FLANGE NB 200; PN10	150110810000 ----- IS2062E250GRBR	C			NO	2.000	45.372						
070		4	046	18		0-80-468-07242	00	00	PF.PIPE OD2540X20 WITH STUB	-----		M		NO	2.000	15565.802						

Weights indicated against piping DU's are average weights only

			GROUP MANUFACTURING SPECIFICATION				PRINCIPLE DRG: 0-80-468-07242 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING				RCI	NETWORK NUMBER 6251030		023/084 PAGE NUMBER		RVN '07'
CUST No. PROJ NAME		7273 ENNORE SEZ 2X660 MW LPP														
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO
										MATL SPECN						FINISHED WT
010		4	046	18	31	3-80-468-33906	00	05	PF PIPE OD2540X20 L=6241 GF COATING(OG)	150111500000 ----- IS2062E250GRA	C			NO	2.000	15510.972
020		4	046	18	36	0-80-468-07242	00	00	PIPE DIA 219.1X6.0 L=150 GF COATING	159385490000 ----- IS3589-410MPA	C			NO	2.000	9.458
030		4	046	18	37	4-80-463-66140	00	00	FLAT FACED FLANGE NB 200; PN10	150110810000 ----- IS2062E250GRBR	C			NO	2.000	45.372
040		4	047	18	32	3-80-468-33920	00	00	90DEG MITRE BEND OD2540X20GF COATING(OG)	-----	C	M		NO	4.000	17869.112
050		4	047	29	01	3-80-468-33906	00	06	PF PIPE OD2540X20 L=3595 GF COATING (UG)	150111500000 ----- IS2062E250GRA	C			NO	4.000	17869.112
060		4	048	18	34	3-80-468-33906	00	08	PF PIPE OD2540X20 L=8886 GF COATING(UG)	150111500000 ----- IS2062E250GRA	C	L		NO	4.000	44169.124
070		4	049	18	35	3-80-468-33909	00	00	FAB.UNEQT OD3820X2540 GF COATING(UG)	-----	C	M		NO	1.000	13701.379

Weights indicated against piping DU's are average weights only

			GROUP MANUFACTURING SPECIFICATION				PRINCIPLE DRG: 0-80-468-07242 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING				RCI	NETWORK NUMBER 6251030		024/084 PAGE NUMBER		RVN '07'
CUST No. PROJ NAME		7273 ENNORE SEZ 2X660 MW LPP														
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO
										MATL SPECN						FINISHED WT
010		4	049	30	01	3-80-468-33905	00	03	PF PIPE OD3820X20 L=6547 GF COATING (UG)	150111500000 ----- IS2062E250GRA	C			NO	1.000	12268.765
020		4	049	30	02	3-80-468-33906	00	01	PF PIPE OD2540X20 L=853 GF COATING (UG)	150111500000 ----- IS2062E250GRA	C			NO	1.000	1059.907
030		4	049	30	03	3-80-468-33909	00	00	PAD PLATE; T=16MM OD 3200; ID2542	150110260000 ----- IS2062E250GRA	C			NO	1.000	372.707
040	*	4	050	18	38	0-80-468-07242	00	00	FLAT FACED FLANGE NB 200; CL 150 DSS	925181000000 ----- SA815-SS DUPLEX	C	L	06	NO	4.000	42.560
050	*	4	051	18	39	0-80-468-07242	00	00	HEX BOLT M20X90-SS31 16L	948220350000 ----- SA182F304	C	L	06	NO	90.000	27.630
060	*	4	052	18	40	0-80-468-07242	00	00	HEX NUT M20 -SS316L	948220380000 ----- SA182F304	C	L	06	NO	90.000	5.850
070		4	053	18	41	0-80-468-07242	00	00	RUBBER GASKET NB200	DUMMYKG ----- DUMMY MATERIAL	C	L		NO	9.000	4.500

Weights indicated against piping DU's are average weights only

		GROUP MANUFACTURING SPECIFICATION					PRINCIPLE DRG: 0-80-468-07242 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING					RCI	NETWORK NUMBER 6251030		025/084 PAGE NUMBER		RVN '07'	
CUST No.		7273																
PROJ NAME		ENNORE SEZ 2X660 MW LPP																
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO		
										MATL SPECN						FINISHED WT		
010		4	054	18	42	0-80-468-07242	00	00	PIPE OD219.1 X 3.76 L=3000MM DSS	154550016000 ----- SA790-S32205	C	L		NO	1.000	59.910		
020		4	055	18	43	4-80-468-81707	00	00	TORI SPH.DISHED END OD3820 GF COATING UG	159421140000 ----- SA515GR70	C	L		NO	2.000	6600.000		
030		4	056	18	44	3-80-468-33906	00	07	PF PIPE OD 2540X20 L =796 GF COATING (UG)	150111500000 ----- IS2062E250GRA	C	L		NO	4.000	3956.400		
040		4	057	18	45	4-80-468-81464	00	00	BLANK FLANGE NB200 DSS	DUMMYKG ----- DUMMY MATERIAL	C	L		NO	5.000	33.540		
050		4	058	18	46	4-80-463-66140	00	00	FLAT FACED FLANGE NB 200:PN10	150110810000 ----- IS2062E250GRBR	C	L		NO	5.000	46.525		
060		4	059	18	47	3-80-468-33905	00	30	PF PIPE OD3820X20 L= 10445GF COATING (UG)	150111500000 ----- IS2062E250GRA	C	L		NO	4.000	78294.016		
070		4	060	31	01	3-80-468-33905	00	27	PF PIPE OD3820X20 L= 1821 GF COATING (UG)	150111500000 ----- IS2062E250GRA	C	L		NO	1.000	3412.395		

Weights indicated against piping DU's are average weights only

			GROUP MANUFACTURING SPECIFICATION					PRINCIPLE DRG: 0-80-468-07245 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING					RCI	NETWORK NUMBER 6251030		026/084 PAGE NUMBER		RVN '07'
CUST No. PROJ NAME			7273 ENNORE SEZ 2X660 MW LPP															
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO		
										MATL SPECN						FINISHED WT		
010		4	061	31		0-80-468-07245	00	00	PF.PIPE OD3820X20 WI TH STUBS	-----		M		NO	2.000	7559.972		
020		4	061	31	02	3-80-468-33905	00	28	PF PIPE OD3820X20 L= 1996 GF COATING (UG)	150111500000 ----- IS2062E250GRA	C			NO	2.000	7480.736		
030		4	061	31	24	0-80-468-07245	00	00	BRANCH PIPE OD114.3X 6.02 L=100	150824900000 ----- SA106GRB	C			NO	9.000	30.186		
040		4	061	31	25	4-80-468-81450	00	00	FLAT FACED FLANGE NB 100 CL150 CS	150110810000 ----- IS2062E250GRBR	C			NO	9.000	49.050		
050		4	062	31	03	3-80-468-33905	00	29	PF PIPE OD3820X20 L= 3852 GF COATING (UG)	150111500000 ----- IS2062E250GRA	C	L		NO	1.000	7218.389		
060		4	063	31		0-80-468-07245	00	00	PF.PIPE OD3820X20 WI TH STUBS	-----		M		NO	1.000	4336.919		
070		4	063	31	04	3-80-468-33905	00	30	PF PIPE OD3820X20 L= 10445GF COATING (UG)	150111500000 ----- IS2062E250GRA	C			NO	1.000	4257.683		

Weights indicated against piping DU's are average weights only

			GROUP MANUFACTURING SPECIFICATION					PRINCIPLE DRG: 0-80-468-07245 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING					RCI	NETWORK NUMBER 6251030		027/084 PAGE NUMBER		RVN '07'
CUST No. PROJ NAME			7273 ENNORE SEZ 2X660 MW LPP															
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO		
										MATL SPECN						FINISHED WT		
010		4	063	31	24	0-80-468-07245	00	00	BRANCH PIPE OD114.3X 6.02 L=100	150824900000 ----- SA106GRB	C			NO	9.000	30.186		
020		4	063	31	25	4-80-468-81450	00	00	FLAT FACED FLANGE NB 100 CL150 CS	150110810000 ----- IS2062E250GRBR	C			NO	9.000	49.050		
030		4	064	31	05	3-80-468-33905	00	31	PF PIPE OD3820X20 L= 2272 GF COATING (UG)	150111500000 ----- IS2062E250GRA	C	L		NO	1.000	4257.683		
040		4	065	31	06	3-80-468-33906	00	15	PF PIPE OD2540X20 L= 1746 GF COATING (UG)	150111500000 ----- IS2062E250GRA	C	L		NO	6.000	13018.440		
050		4	066	31	07	3-80-468-33970	00	00	FAB.UNEQT OD3820X254 0 GF COATING (UG)	-----	C	M		NO	5.000	58294.045		
060		4	066	32	01	3-80-468-33905	00	32	PF PIPE OD3820X20 L= 5400	150111500000 ----- IS2062E250GRA	C			NO	5.000	50596.390		
070		4	066	32	02	3-80-468-33906	00	16	PF PIPE OD2540X20 L= 939	150111500000 ----- IS2062E250GRA	C			NO	5.000	5834.120		

Weights indicated against piping DU's are average weights only

			GROUP MANUFACTURING SPECIFICATION					PRINCIPLE DRG: 0-80-468-07245 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING					RCI	NETWORK NUMBER 6251030		028/084 PAGE NUMBER		RVN '07'
CUST No.			7273															
PROJ NAME			ENNORE SEZ 2X660 MW LPP															
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO		
									MATL SPECN							FINISHED WT		
010		4	066	32	03	3-80-468-33970	00	00	PAD PLATE; T=16MM OD 3200; ID2542	150110260000 ----- IS2062E250GRA	C			NO	5.000	1863.535		
020		4	067	31	08	3-80-468-33971	00	00	FAB.UNEQT OD3820X254 0 GF COATING (UG)	-----	C	M		NO	1.000	12625.772		
030		4	067	33	01	3-80-468-33905	00	33	PF PIPE OD3820X20 L= 5916	150111500000 ----- IS2062E250GRA	C			NO	1.000	11086.241		
040		4	067	33	02	3-80-468-33906	00	16	PF PIPE OD2540X20 L= 939	150111500000 ----- IS2062E250GRA	C			NO	1.000	1166.824		
050		4	067	33	03	3-80-468-33971	00	00	PAD PLATE; T=16MM OD 3200; ID2542	150110260000 ----- IS2062E250GRA	C			NO	1.000	372.707		
060		4	068	31	09	3-80-468-33972	00	00	FAB.UNEQT OD3820X213 2 GF COATING (UG)	-----	C	M		NO	1.000	11741.890		
070		4	068	34	01	3-80-468-33905	00	10	PF PIPE OD3820X20 L= 5400	150111500000 ----- IS2062E250GRA	C			NO	1.000	10119.278		

Weights indicated against piping DU's are average weights only

		GROUP MANUFACTURING SPECIFICATION					PRINCIPLE DRG: 0-80-468-07245 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING					RCI	NETWORK NUMBER 6251030		029/084 PAGE NUMBER		RVN '07'	
CUST No.		7273																
PROJ NAME		ENNORE SEZ 2X660 MW LPP																
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO		
										MATL SPECN						FINISHED WT		
010		4	068	34	02	3-80-468-33918	00	14	PF PIPE OD2132X20 L=1299	150111500000 ----- IS2062E250GRA	C			NO	1.000	1352.712		
020		4	068	34	03	3-80-468-33972	00	00	PAD PLATE; T=16MM OD 2700; ID2134	150110260000 ----- IS2062E250GRA	C			NO	1.000	269.900		
030		4	069	31	10	3-80-468-33906	00	17	PF PIPE OD2540X20 L=4317 GF COATING (UG)	150111500000 ----- IS2062E250GRA	C	L		NO	3.000	16093.599		
040		4	070	31		0-80-468-07245	00	00	PF.PPIPE OD2540X20 WITH STUBS	-----		M		NO	6.000	54682.230		
050		4	070	31	12	3-80-468-33906	00	18	PF PIPE OD2540X20 L=7327 GF COATING (UG)	150111500000 ----- IS2062E250GRA	C			NO	6.000	54629.406		
060		4	070	31	24	0-80-468-07245	00	00	BRANCH PIPE OD114.3X 6.02 L=100	150824900000 ----- SA106GRB	C			NO	6.000	20.124		
070		4	070	31	25	4-80-468-81450	00	00	FLAT FACED FLANGE NB 100 CL150 CS	150110810000 ----- IS2062E250GRBR	C			NO	6.000	32.700		

Weights indicated against piping DU's are average weights only

			GROUP MANUFACTURING SPECIFICATION					PRINCIPLE DRG: 0-80-468-07245 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING					RCI	NETWORK NUMBER 6251030		030/084 PAGE NUMBER		RVN '07'
CUST No.			7273															
PROJ NAME			ENNORE SEZ 2X660 MW LPP															
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO		
									MATL SPECN	FINISHED WT								
010		4	071	31		0-80-468-07245	00	00	PF.PIPE OD2540X20 WITH STUBS	-----		M		NO	6.000	33868.380		
020		4	071	31	13	3-80-468-33974	00	00	PUDDLE FLANGE ASSY 0 D2540 GF COATING(OG)	-----	C	A		NO	6.000	33731.352		
030		4	071	35	01	3-80-468-33906	00	19	PF PIPE OD2540X20 L= 3067	150111500000 ----- IS2062E250GRA	C			NO	6.000	22867.050		
040		4	071	35	02	3-80-468-33974	00	00	SLEEVE PAD 20X4018X9 00	150111500000 ----- IS2062E250GRA	C			NO	12.000	6812.544		
050		4	071	35	03	3-80-468-33974	00	00	PUDDLE FLANGE PLATE 20X3000X3000	150111500000 ----- IS2062E250GRA	C			NO	6.000	2208.510		
060		4	071	35	04	3-80-468-33974	00	00	RIB PLATE-1 20X390X7 00	150111500000 ----- IS2062E250GRA	C			NO	48.000	1314.240		
070		4	071	35	05	3-80-468-33974	00	00	RIB PLATE-2 20X390X1 80	150111500000 ----- IS2062E250GRA	C			NO	48.000	529.008		

Weights indicated against piping DU's are average weights only

			GROUP MANUFACTURING SPECIFICATION				PRINCIPLE DRG: 0-80-468-07245 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING					RCI	NETWORK NUMBER 6251030		031/084 PAGE NUMBER		RVN '07'
CUST No. PROJ NAME			7273 ENNORE SEZ 2X660 MW LPP														
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO	
										MATL SPECN						FINISHED WT	
010		4	071	31	24	0-80-468-07245	00	00	BRANCH PIPE OD114.3X 6.02 L=100	150824900000 ----- SA106GRB	C			NO	6.000	20.124	
020		4	071	31	25	4-80-468-81450	00	00	FLAT FACED FLANGE NB 100 CL150 CS	150110810000 ----- IS2062E250GRBR	C			NO	6.000	32.700	
030		4	071	31	35	0-80-468-07245	00	00	PIPE OD219.1 X 6.0 L =150	159385490000 ----- IS3589-410MPA	C			NO	6.000	28.374	
040		4	071	31	19	4-80-463-66140	00	00	FLAT FACED FLANGE NB 200:PN10	150110810000 ----- IS2062E250GRBR	C			NO	6.000	55.830	
050		4	072	31		0-80-468-07245	00	00	PF.PIPE OD2540X20 WI TH STUBS	-----		M		NO	6.000	16323.192	
060		4	072	31	14	3-80-468-33976	00	00	PIPE OD2540X20 WITH MANHOLE GF COAT(OG)	-----	C	A		NO	6.000	16111.896	
070		4	072	36	01	3-80-468-33906	00	20	PF PIPE OD2540X20 L= 1522	150111500000 ----- IS2062E250GRA	C			NO	6.000	11348.274	

Weights indicated against piping DU's are average weights only

			GROUP MANUFACTURING SPECIFICATION				PRINCIPLE DRG: 0-80-468-07245 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING				RCI	NETWORK NUMBER 6251030		032/084 PAGE NUMBER		RVN '07'
CUST No. PROJ NAME		7273 ENNORE SEZ 2X660 MW LPP														
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO
										MATL SPECN						FINISHED WT
010		4	072	36	02	3-80-468-33976	00	00	PF PIPE OD610X10 L=3 63	150110170000 ----- IS2062E250GRBR	C			NO	6.000	322.164
020		4	072	36	03	3-80-468-33976	00	00	PAD PLATE T=10 OD 15 12 ;ID630	152110980000 ----- IS2062E250GRA	C			NO	6.000	1076.706
030		4	072	36	04	3-80-468-27258	00	03	FLAT FACE FLANGE NB6 00	150111060000 ----- IS2062E250GRBR	C			NO	6.000	1564.248
040		4	072	36	05	3-80-468-33915	00	00	BLANK FLANGE NB600	-----	C	A		NO	6.000	1116.774
050		4	072	22	01	3-80-468-33915	00	00	BLANK FLANGE NB600 P L:T=50, DIA815	150111060000 ----- IS2062E250GRBR	C			NO	6.000	1098.600
060		4	072	22	02	3-80-468-33915	00	00	HANDLE; ROD DIA32X48 0	153391400000 ----- SA105	C			NO	6.000	18.174
070		4	072	36	06	3-80-468-33976	00	00	HINGE PLATE 370X240X 12THK (OUTER)	150111320000 ----- IS2062E250GRA	C			NO	12.000	100.380

Weights indicated against piping DU's are average weights only

			GROUP MANUFACTURING SPECIFICATION				PRINCIPLE DRG: 0-80-468-07245 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING				RCI	NETWORK NUMBER 6251030		033/084 PAGE NUMBER		RVN '07'
CUST No. PROJ NAME		7273 ENNORE SEZ 2X660 MW LPP														
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO
										MATL SPECN						FINISHED WT
010		4	072	36	07	3-80-468-33976	00	00	HINGE PLATE 473X140X 12THK (INNER)	150111320000 ----- IS2062E250GRA	C			NO	12.000	74.856
020		4	072	36	08	3-80-468-33976	00	00	STUD M24X315	153391390000 ----- SA105	C			NO	6.000	7.278
030		4	072	36	09	3-80-468-33976	00	00	PUNCHED WASHER A24	414080002400 ----- IS-2016	C			NO	12.000	0.360
040		4	072	36	10	3-80-468-33976	00	00	HEX NUT M24	413010002400 ----- IS-1364(P-3)	C			NO	12.000	1.320
050		4	072	36	11	3-80-468-33976	00	00	SPLIT PIN DIA 4X40	417040402500 -----	C			NO	12.000	0.036
060	*	4	072	36	12	3-80-468-33976	00	00	HEX BOLT M33X140-SS3 16L	948220300000 ----- SA182F304	C		06	NO	120.000	96.000
070	*	4	072	36	13	3-80-468-33976	00	00	HEX NUT M33 -SS316L	948220360000 ----- SA182F304	C		06	NO	120.000	399.600

Weights indicated against piping DU's are average weights only

			GROUP MANUFACTURING SPECIFICATION						PRINCIPLE DRG: 0-80-468-07245 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING						RCI	NETWORK NUMBER 6251030		034/084 PAGE NUMBER		RVN '07'
CUST No.			7273																	
PROJ NAME			ENNORE SEZ 2X660 MW LPP																	
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO				
										MATL SPECN							FINISHED WT			
010		4	072	36	14	3-80-468-33976	00	00	NON ASBESTOS GASKET OD780XID617X3THK	220210300000 ----- NON-ASBESTOS	C			NO	6.000	3.900				
020		4	072	31	24	0-80-468-07245	00	00	BRANCH PIPE OD114.3X 6.02 L=100	150824900000 ----- SA106GRB	C			NO	24.000	80.496				
030		4	072	31	25	4-80-468-81450	00	00	FLAT FACED FLANGE NB 100 CL150 CS	150110810000 ----- IS2062E250GRBR	C			NO	24.000	130.800				
040		4	073	31	15	4-80-468-81666	00	00	PF RED.OD2540X2100 G F COATING (OG)	DUMMYKG ----- DUMMY MATERIAL	C	L		NO	6.000	15821.832				
050		4	074	31	16	3-80-468-33905	00	28	PF PIPE OD3820X20 L= 1996 GF COATING (UG)	150111500000 ----- IS2062E250GRA	C	L		NO	2.000	7480.736				
060		4	075	31	17	4-80-468-81707	00	00	TORI SPH.DISHED END OD3820 GF COAT (UG)	159421140000 ----- SA515GR70	C	L		NO	2.000	6600.000				
070		4	076	31	18	0-80-468-07245	00	00	PIPE OD219.1X3.76 L=5000	154550016000 ----- SA790-S32205	C	L		NO	1.000	50.000				

Weights indicated against piping DU's are average weights only

			GROUP MANUFACTURING SPECIFICATION					PRINCIPLE DRG: 0-80-468-07245 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING					RCI	NETWORK NUMBER 6251030		035/084 PAGE NUMBER		RVN '07'
CUST No. PROJ NAME			7273 ENNORE SEZ 2X660 MW LPP															
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO		
										MATL SPECN						FINISHED WT		
010		4	077	31	20	0-80-468-07245	00	00	BLANK FLANGE NB200 DSS	DUMMYKG ----- DUMMY MATERIAL	C	L		NO	6.000	55.830		
020	*	4	078	31	21	0-80-468-07245	00	00	HEX BOLT M20X90-SS31 16L	948220350000 ----- SA182F304	C	L	06	NO	96.000	29.472		
030	*	4	079	31	22	0-80-468-07245	00	00	HEX NUT M20 -SS316L	948220380000 ----- SA182F304	C	L	06	NO	96.000	6.240		
040		4	080	31	23	0-80-468-07245	00	00	RUBBER GASKET NB200	DUMMYKG ----- DUMMY MATERIAL	C	L		NO	12.000	6.000		
050	*	4	081	31	26	4-80-468-81463	00	00	FLANGE NB100 CL150 FOR PR.STUB DSS	925181250000 ----- SA815-SS DUPLEX	C	L	06	NO	46.000	46.000		
060	*	4	082	31	27	4-80-468-81451	00	00	FLANGE NB100 CL150 F OR TEMP. STUB DSS	925181280000 ----- SA815-SS DUPLEX	C	L	06	NO	8.000	8.000		
070	*	4	083	31	28	0-80-468-07245	00	00	HEX BOLT M16X80-SS31 6L	948220310000 ----- SA182F304	C	L	06	NO	432.000	2787.264		

Weights indicated against piping DU's are average weights only

			GROUP MANUFACTURING SPECIFICATION					PRINCIPLE DRG: 0-80-468-07245 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING					RCI	NETWORK NUMBER 6251030		036/084 PAGE NUMBER		RVN '07'
CUST No. PROJ NAME			7273 ENNORE SEZ 2X660 MW LPP															
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO		
										MATL SPECN						FINISHED WT		
010	*	4	084	31	29	0-80-468-07245	00	00	HEX NUT M16 -SS316L	948220370000 ----- SA182F304	C	L	06	NO	432.000	14399.856		
020		4	085	31	30	0-80-468-07245	00	00	RUBBER GASKET NB100	DUMMYKG ----- DUMMY MATERIAL	C	L		NO	54.000	27.000		
030		4	086	31	31	0-80-468-07245	00	00	BRANCH PIPE OD21.3X2 .77 L=10M EP AT SITE	154550046000 ----- SA790-S32205	C	L		M	10.000	12.700		
040		4	087	31	32	4-80-468-81452	00	00	TEMP STUB RC-1" L=45 SS	DUMMYKG ----- DUMMY MATERIAL	C	L		NO	2.000	1.688		
050		4	088	31	33	4-80-468-81453	00	00	PLUG RC-1" SS	DUMMYKG ----- DUMMY MATERIAL	C	L		NO	2.000	0.400		
060		4	089	31	34	0-80-468-07245	00	00	FLAT FACED FLANGE NB 200	DUMMYKG ----- DUMMY MATERIAL	C	L		NO	6.000	55.830		
070		4	090	37	01	1-80-468-22052	00	00	PIPE OD 914X10 L=250 2 GF COATING (UG)	159385830000 ----- IS3589-410MPA	C	L		NO	1.000	563.951		

Weights indicated against piping DU's are average weights only

			GROUP MANUFACTURING SPECIFICATION				PRINCIPLE DRG: 1-80-468-22052 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING				RCI	NETWORK NUMBER 6251030		037/084 PAGE NUMBER		RVN '07'
CUST No. PROJ NAME		7273 ENNORE SEZ 2X660 MW LPP														
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO
										MATL SPECN						FINISHED WT
010		4	091	37	02	1-80-468-22052	00	00	PIPE OD 914X10 L=217 3 GF COATING(UG)	159385830000 ----- IS3589-410MPA	C	L		NO	1.000	489.794
020		4	092	37	03	1-80-468-22052	00	00	PIPE OD 914X10 L=165 8 GF COATING (UG)	159385830000 ----- IS3589-410MPA	C	L		NO	1.000	373.713
030		4	093	37	04	1-80-468-22052	00	00	PIPE OD 914X10 L=468 6 GF COATING (UG)	159385830000 ----- IS3589-410MPA	C	L		NO	1.000	1056.224
040		4	094	37	05	1-80-468-22052	00	00	PIPE OD 914X10 L=409 9 GF COATING (UG)	159385830000 ----- IS3589-410MPA	C	L		NO	1.000	923.915
050		4	095	37	06	1-80-468-22052	00	00	PIPE OD 914X10 L=481 GF COATING (UG)	159385830000 ----- IS3589-410MPA	C	L		NO	1.000	108.417
060		4	096	37	07	1-80-468-22052	00	00	PIPE OD 914X10 L=657 GF COATING (UG)	159385830000 ----- IS3589-410MPA	C	L		NO	1.000	148.088
070		4	097	37	08	1-80-468-22052	00	00	PIPE OD 914X10 L=242 GF COATING (UG)	159385830000 ----- IS3589-410MPA	C	L		NO	1.000	54.547

Weights indicated against piping DU's are average weights only

			GROUP MANUFACTURING SPECIFICATION				PRINCIPLE DRG: 1-80-468-22052 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING				RCI	NETWORK NUMBER 6251030		038/084 PAGE NUMBER		RVN '07'
CUST No. PROJ NAME		7273 ENNORE SEZ 2X660 MW LPP														
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO
										MATL SPECN						FINISHED WT
010		4	098	37	09	1-80-468-22052	00	00	PIPE OD 914X10 L=149 2 GF COATING (UG)	159385830000 ----- IS3589-410MPA	C	L		NO	1.000	336.297
020		4	099	37	10	1-80-468-22052	00	00	PIPE OD 914X10 L=551 3 GF COATING (UG)	159385830000 ----- IS3589-410MPA	C	L		NO	1.000	1242.630
030		4	100	37	11	1-80-468-22052	00	00	PIPE OD 914X10 L=17 49 GF COATING (UG)	159385830000 ----- IS3589-410MPA	C	L		NO	1.000	394.225
040		4	101	37		1-80-468-22052	00	00	PF.PIPE OD914X10 WIT H STUBS	-----		M		NO	1.000	1007.181
050		4	101	37	12	1-80-468-22052	00	00	PIPE OD 914X10 L=419 5 GF COATING (OG)	159385830000 ----- IS3589-410MPA	C			NO	1.000	945.553
060		4	101	37	39	1-80-468-22052	00	00	BRANCH PIPE OD 114.3 X6.02 L=100MM	150824900000 ----- SA106GRB	C			NO	7.000	23.478
070		4	101	37	40	4-80-468-81450	00	00	FLAT FACED FLANGE NB 100 CL150CS	150110810000 ----- IS2062E250GRBR	C			NO	7.000	38.150

Weights indicated against piping DU's are average weights only

			GROUP MANUFACTURING SPECIFICATION					PRINCIPLE DRG: 1-80-468-22052 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING					RCI	NETWORK NUMBER 6251030		039/084 PAGE NUMBER		RVN '07'	
CUST No.			7273																
PROJ NAME			ENNORE SEZ 2X660 MW LPP																
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO			
										MATL SPECN						FINISHED WT			
010		4	102	37	13	1-80-468-22052	00	00	PIPE OD 914X10 L=379 9 GF COATING (OG)	159385830000 ----- IS3589-410MPA	C	L		NO	1.000	856.295			
020		4	103	37	14	1-80-468-22052	00	00	PIPE OD 914X10 L=70 6 GF COATING(UG)	159385830000 ----- IS3589-410MPA	C	L		NO	1.000	159.132			
030		4	104	37	15	1-80-468-22052	00	00	PIPE OD 914X10 L=400 0 GF COATING (UG)	159385830000 ----- IS3589-410MPA	C	L		NO	1.000	901.600			
040		4	105	37	16	1-80-468-22052	00	00	PIPE OD 914X10 L=608 5 GF COATING (UG)	159385830000 ----- IS3589-410MPA	C	L		NO	1.000	1371.559			
050		4	106	37	17	1-80-468-22052	00	00	PIPE OD 914X10 L=109 6 GF COATING (UG)	159385830000 ----- IS3589-410MPA	C	L		NO	1.000	247.038			
060		4	107	37	18	1-80-468-22052	00	00	PIPE OD 914X10 L=130 2 GF COATING (UG)	159385830000 ----- IS3589-410MPA	C	L		NO	1.000	293.471			
070		4	108	37	19	1-80-468-22052	00	00	PIPE OD 914X10 L=189 4 GF COATING (UG)	159385830000 ----- IS3589-410MPA	C	L		NO	1.000	426.908			

Weights indicated against piping DU's are average weights only

		GROUP MANUFACTURING SPECIFICATION					PRINCIPLE DRG: 1-80-468-22052 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING					RCI	NETWORK NUMBER 6251030		040/084 PAGE NUMBER		RVN '07'	
CUST No.		7273																
PROJ NAME		ENNORE SEZ 2X660 MW LPP																
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO		
										MATL SPECN						FINISHED WT		
010		4	109	37	20	1-80-468-22052	00	00	PIPE OD 914X10 L=179 1 GF COATING (UG)	159385830000 ----- IS3589-410MPA	C	L		NO	1.000	403.691		
020		4	110	37	21	1-80-468-22052	00	00	PIPE OD 914X10 L=951 GF COATING (UG)	159385830000 ----- IS3589-410MPA	C	L		NO	1.000	214.355		
030		4	111	37	22	1-80-468-22052	00	00	PIPE OD 914X10 L=120 6 GF COATING (UG)	159385830000 ----- IS3589-410MPA	C	L		NO	1.000	271.832		
040		4	112	37	23	1-80-468-22052	00	00	SPARE PIPE OD 914X10 L=6 M GF COAT (UG)	159385830000 ----- IS3589-410MPA	C	L		NO	4.000	5409.600		
050		4	113	37	24	3-80-468-33996	00	00	90DEG MITRE BEND NB9 00 GF COAT (UG)	----- -----	C	M		NO	12.000	3509.892		
060		4	113	38	01	3-80-468-33952	00	02	PF PIPE OD914X10; L= 1313	152110980000 ----- IS2062E250GRA	C			NO	12.000	3509.892		
070		4	114	37	25	3-80-468-33997	00	00	45DEG MITRE BEND NB9 00 GF COAT (UG)	----- -----	C	M		NO	6.000	1010.766		

Weights indicated against piping DU's are average weights only

			GROUP MANUFACTURING SPECIFICATION				PRINCIPLE DRG: 1-80-468-22052 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING				RCI	NETWORK NUMBER 6251030		041/084 PAGE NUMBER		RVN '07'
CUST No. PROJ NAME		7273 ENNORE SEZ 2X660 MW LPP														
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO
										MATL SPECN						FINISHED WT
010		4	114	39	01	3-80-468-33952	00	03	PF PIPE OD914X10; L=756	152110980000 ----- IS2062E250GRA	C			NO	6.000	1010.766
020		4	115	37	26	3-80-468-33998	00	00	UNEQT OD 914X813 WITH FLANGE GF COAT(UG)	-----	C	M		NO	3.000	2229.237
030		4	115	40	01	3-80-468-33952	00	04	PF PIPE OD914X10; L=2000	152110980000 ----- IS2062E250GRA	C			NO	3.000	1336.698
040		4	115	40	02	3-80-468-33917	00	02	PF PIPE OD813X10: L=766	152110980000 ----- IS2062E250GRA	C			NO	3.000	454.752
050		4	115	40	03	3-80-468-27258	00	05	FLAT FACED FLANGE NB 800	150111840000 ----- IS2062E250GRBR	C			NO	3.000	294.300
060		4	115	40	04	3-80-468-33998	00	00	PAD PLATE; T=10MM OD 1200; ID815	152110980000 ----- IS2062E250GRA	C			NO	3.000	143.487
070		4	116	37	27	3-80-468-33999	00	00	UNEQT OD 914X457 WITH FLANGE GF COAT(UG)	DUMMYKG ----- DUMMY MATERIAL	C	L		NO	1.000	10.000

Weights indicated against piping DU's are average weights only

			GROUP MANUFACTURING SPECIFICATION				PRINCIPLE DRG: 1-80-468-22052 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING				RCI	NETWORK NUMBER 6251030		042/084 PAGE NUMBER		RVN '07'
CUST No. PROJ NAME		7273 ENNORE SEZ 2X660 MW LPP														
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO
										MATL SPECN						FINISHED WT
010		4	117	37	28	3-80-468-34000	00	00	90DEG MTR BEND NB800 WITH FLANGE GF(OG)	-----	C	M		NO	8.000	3137.088
020		4	117	41	01	3-80-468-33917	00	03	PF PIPE OD813X10; L= 990	152110980000 ----- IS2062E250GRA	C			NO	8.000	1567.488
030		4	117	41	02	3-80-468-27258	00	05	FLAT FACED FLANGE NB 800	150111840000 ----- IS2062E250GRBR	C			NO	16.000	1569.600
040		4	118	37	29	3-80-468-34002	00	01	PIPE OD 813X10WITH F NG L=4000 GF COAT OG	-----	C	M		NO	7.000	6887.083
050		4	118	42	01	3-80-468-33917	00	04	PF PIPE OD813X10; L1 =3980	152110980000 ----- IS2062E250GRA	C			NO	7.000	5513.683
060		4	118	42	02	3-80-468-27258	00	05	FLAT FACED FLANGE NB 800	150111840000 ----- IS2062E250GRBR	C			NO	14.000	1373.400
070		4	119	37	30	3-80-468-34002	00	02	PIPE OD 813X10WITH F NG L=2771 GF COAT OG	-----	C	M		NO	1.000	740.597

Weights indicated against piping DU's are average weights only

			GROUP MANUFACTURING SPECIFICATION					PRINCIPLE DRG: 1-80-468-22052 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING					RCI	NETWORK NUMBER 6251030		043/084 PAGE NUMBER		RVN '07'
CUST No.			7273															
PROJ NAME			ENNORE SEZ 2X660 MW LPP															
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO		
										MATL SPECN						FINISHED WT		
010		4	119	43	01	3-80-468-33917	00	05	PF PIPE OD813X10; L1 =2751	152110980000 ----- IS2062E250GRA	C			NO	1.000	544.397		
020		4	119	43	02	3-80-468-27258	00	05	FLAT FACED FLANGE NB 800	150111840000 ----- IS2062E250GRBR	C			NO	2.000	196.200		
030		4	120	37	31	3-80-468-34002	00	03	PIPE OD 813X10WITH F NG L=1330 GF COAT OG	-----	C	M		NO	1.000	455.486		
040		4	120	44	01	3-80-468-33917	00	03	PF PIPE OD813X10; L1 =1310	152110980000 ----- IS2062E250GRA	C			NO	1.000	259.286		
050		4	120	44	02	3-80-468-27258	00	05	FLAT FACED FLANGE NB 800	150111840000 ----- IS2062E250GRBR	C			NO	2.000	196.200		
060		4	121	37	32	3-80-468-34002	00	04	PIPE OD 813X10WITH F NG L=1823 GF COAT OG	-----	C	M		NO	1.000	1063.910		
070		4	121	45	01	3-80-468-33917	00	07	PF PIPE OD813X10; L1 =1803	152110980000 ----- IS2062E250GRA	C			NO	1.000	356.782		

Weights indicated against piping DU's are average weights only

			GROUP MANUFACTURING SPECIFICATION					PRINCIPLE DRG: 0-80-468-07242 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING					RCI	NETWORK NUMBER 6251030		044/084 PAGE NUMBER		RVN '07'
CUST No. PROJ NAME			7273 ENNORE SEZ 2X660 MW LPP															
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO		
										MATL SPECN						FINISHED WT		
010		4	121	45	02	3-80-468-27258	00	05	FLAT FACED FLANGE NB 800	150111840000 ----- IS2062E250GRBR	C			NO	2.000	707.128		
020		4	122	37	33	3-80-468-34002	00	00	PIPE OD 813X10WITH F NG L=1000 GF COAT OG	DUMMYKG ----- DUMMY MATERIAL	C	L		NO	1.000	10.000		
030		4	123	37	34	3-80-468-34002	00	00	PIPE OD 813X10WITH F NG L=1000 GF COAT OG	DUMMYKG ----- DUMMY MATERIAL	C	L		NO	1.000	10.000		
040		4	124	37	35	3-80-468-34002	00	05	PIPE OD 813X10WITH F NG L=1373 GF COAT OG	-----	C	M		NO	1.000	463.964		
050		4	124	46	01	3-80-468-33917	00	08	PF PIPE OD813X10; L1 =1353	152110980000 ----- IS2062E250GRA	C			NO	1.000	267.764		
060		4	124	46	02	3-80-468-27258	00	05	FLAT FACED FLANGE NB 800	150111840000 ----- IS2062E250GRBR	C			NO	2.000	196.200		
070		4	125	37	36	3-80-468-34002	00	06	PIPE OD 813X10WITH F NG L=695 GF COAT OG	-----	C	M		NO	1.000	329.807		

Weights indicated against piping DU's are average weights only

			GROUP MANUFACTURING SPECIFICATION				PRINCIPLE DRG: 1-80-468-22052 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING				RCI	NETWORK NUMBER 6251030		045/084 PAGE NUMBER		RVN '07'
CUST No. PROJ NAME		7273 ENNORE SEZ 2X660 MW LPP														
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO
										MATL SPECN						FINISHED WT
010		4	125	47	01	3-80-468-33917	00	09	PF PIPE OD813X10; L1 =675	152110980000 ----- IS2062E250GRA	C			NO	1.000	133.607
020		4	125	47	02	3-80-468-27258	00	05	FLAT FACED FLANGE NB 800	150111840000 ----- IS2062E250GRBR	C			NO	2.000	196.200
030		4	126	37	37	3-80-468-34003	00	00	PF RED.OD914X813 WIT H FLANGE GF COAT(UG)	DUMMYKG ----- DUMMY MATERIAL	C	L		NO	2.000	20.000
040		4	127	37	38	3-80-468-81690	00	00	TORI SPH DISHED END OD914X10 GF COAT(UG)	152110980000 ----- IS2062E250GRA	C	L		NO	1.000	50.000
050		4	128	37	41	4-80-468-81463	00	00	BLANK FLANGE NB100 C L150 FOR PR STUB	DUMMYKG ----- DUMMY MATERIAL	C	L		NO	4.000	2.000
060	*	4	129	37	42	1-80-468-22052	00	00	BOLT M16X80 -SS316L	948220310000 ----- SA182F304	C	L	06	NO	56.000	8.680
070	*	4	130	37	43	1-80-468-22052	00	00	NUT M16 -SS316L	948220370000 ----- SA182F304	C	L	06	NO	56.000	1.680

Weights indicated against piping DU's are average weights only

		GROUP MANUFACTURING SPECIFICATION					PRINCIPLE DRG: 1-80-468-22052 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING					RCI	NETWORK NUMBER 6251030		046/084 PAGE NUMBER		RVN '07'	
CUST No.		7273																
PROJ NAME		ENNORE SEZ 2X660 MW LPP																
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO		
										MATL SPECN						FINISHED WT		
010		4	131	37	44	1-80-468-22052	00	00	RUBBER GASKET NB100	DUMMYKG ----- DUMMY MATERIAL	C	L		NO	7.000	3.500		
020		4	132	37	45	1-80-468-22052	00	00	BRANCH PIPE OD 21.3X 2.77 L=5M EP AT SITE	154550046000 ----- SA790-S32205	C	L		M	5.000	6.350		
030		4	133	37	46	3-80-468-34109	00	00	90DEG MITRE BEND NB9 00 GF COAT (OG)	-----		M		NO	2.000	584.982		
040		4	133	48	01	3-80-468-33952	00	02	PF PIPE OD914X10; L= 1313	152110980000 ----- IS2062E250GRA	C			NO	2.000	584.982		
050		4	134	37	47	3-80-468-34002	00	18	PF PIPE OD813X10; L1 =2740 BF COAT (OG)	-----		M		NO	1.000	734.474		
060		4	134	49	01	3-80-468-33917	00	21	PF PIPE OD813X10; L1 =2720	152110980000 ----- IS2062E250GRA	C			NO	1.000	538.274		
070		4	134	49	02	3-80-468-27258	00	05	FLAT FACED FLANGE NB 800	150111840000 ----- IS2062E250GRBR	C			NO	2.000	196.200		

Weights indicated against piping DU's are average weights only

			GROUP MANUFACTURING SPECIFICATION				PRINCIPLE DRG: 1-80-468-22052 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING				RCI	NETWORK NUMBER 6251030		047/084 PAGE NUMBER		RVN '07'
CUST No. PROJ NAME		7273 ENNORE SEZ 2X660 MW LPP														
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO
										MATL SPECN						FINISHED WT
010	*	4	135	37	48	1-80-468-22052	00	00	BOLT M36X200 SS316L	948220180000 ----- SA182F316L	C	L	06	NO	812.000	2030.000
020	*	4	136	37	49	1-80-468-22052	00	00	NUT M36 SS316L	948220250000 ----- SA182F316L	C	L	06	NO	812.000	349.160
030		4	137	37	50	1-80-468-22052	00	00	RUBBER GASKET NB800	DUMMYKG ----- DUMMY MATERIAL	C	L		NO	29.000	14.500
040		4	138	37	51	1-80-468-22052	00	00	PIPE OD 914X10 L=60 00 GF COATING (UG)	159385830000 ----- IS3589-410MPA	C	L		NO	103.000	139297.200
050		4	139	50	01	1-80-468-22053	00	00	PIPE OD 914X10 L=25 02 GF COATING (UG)	159385830000 ----- IS3589-410MPA	C	L		NO	1.000	563.951
060		4	140	50	02	1-80-468-22053	00	00	PIPE OD 914X10 L=467 2 GF COATING (UG)	159385830000 ----- IS3589-410MPA	C	L		NO	1.000	1053.069
070		4	141	50	03	1-80-468-22053	00	00	PIPE OD 914X10 L=243 6 GF COATING (UG)	159385830000 ----- IS3589-410MPA	C	L		NO	1.000	549.074

Weights indicated against piping DU's are average weights only

			GROUP MANUFACTURING SPECIFICATION					PRINCIPLE DRG: 1-80-468-22053 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING					RCI	NETWORK NUMBER 6251030		048/084 PAGE NUMBER		RVN '07'
CUST No. PROJ NAME			7273 ENNORE SEZ 2X660 MW LPP															
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO		
										MATL SPECN						FINISHED WT		
010		4	142	50	04	1-80-468-22053	00	00	PIPE OD 914X10 L=367 GF COATING (UG)	159385830000 ----- IS3589-410MPA	C	L		NO	1.000	82.722		
020		4	143	50	05	1-80-468-22053	00	00	PIPE OD 914X10 L=476 5 GF COATING (UG)	159385830000 ----- IS3589-410MPA	C	L		NO	1.000	1074.031		
030		4	144	50	06	1-80-468-22053	00	00	PIPE OD 914X10 L=852 GF COATING (UG)	159385830000 ----- IS3589-410MPA	C	L		NO	1.000	192.041		
040		4	145	50	07	1-80-468-22053	00	00	PIPE OD 914X10 L=179 0 GF COATING (UG)	159385830000 ----- IS3589-410MPA	C	L		NO	1.000	403.466		
050		4	146	50	08	1-80-468-22053	00	00	PIPE OD 914X10 L=181 2 GF COATING (UG)	159385830000 ----- IS3589-410MPA	C	L		NO	1.000	408.425		
060		4	147	50	09	1-80-468-22053	00	00	PIPE OD 914X10 L=192 4 GF COATING (UG)	159385830000 ----- IS3589-410MPA	C	L		NO	1.000	433.670		
070		4	148	50	10	1-80-468-22053	00	00	PIPE OD 914X10 L=348 3 GF COATING (UG)	159385830000 ----- IS3589-410MPA	C	L		NO	1.000	785.068		

Weights indicated against piping DU's are average weights only

			GROUP MANUFACTURING SPECIFICATION					PRINCIPLE DRG: 1-80-468-22053 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING					RCI	NETWORK NUMBER 6251030		049/084 PAGE NUMBER		RVN '07'
CUST No. PROJ NAME			7273 ENNORE SEZ 2X660 MW LPP															
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO		
										MATL SPECN						FINISHED WT		
010		4	149	50	11	1-80-468-22053	00	00	PIPE OD 914X10 L=469 4 GF COATING (UG)	159385830000 ----- IS3589-410MPA	C	L		NO	1.000	1058.028		
020		4	150	50	12	1-80-468-22053	00	00	PIPE OD 914X10 L=562 7 GF COATING (UG)	159385830000 ----- IS3589-410MPA	C	L		NO	1.000	1268.326		
030		4	151	50	13	1-80-468-22053	00	00	PIPE OD 914X10 L=174 9 GF COATING (UG)	159385830000 ----- IS3589-410MPA	C	L		NO	1.000	394.225		
040		4	152	50		1-80-468-22053	00	00	PF.PIPE OD914X10 WIT H STUBS	-----		M		NO	1.000	1300.201		
050		4	152	50	14	1-80-468-22053	00	00	PIPE OD 914X10 L=549 5 GF COATING (OG)	159385830000 ----- IS3589-410MPA	C			NO	1.000	1238.573		
060		4	152	50	46	1-80-468-22053	00	00	BRANCH PIPE OD 114.3 X6.02 L=100MM	150824900000 ----- SA106GRB	C			NO	7.000	23.478		
070		4	152	50	40	4-80-468-81450	00	00	FLAT FACED FLANGE NB 100 CL150CS	150110810000 ----- IS2062E250GRBR	C			NO	7.000	38.150		

Weights indicated against piping DU's are average weights only

		GROUP MANUFACTURING SPECIFICATION					PRINCIPLE DRG: 1-80-468-22053 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING					RCI	NETWORK NUMBER 6251030		050/084 PAGE NUMBER		RVN '07'	
CUST No.		7273																
PROJ NAME		ENNORE SEZ 2X660 MW LPP																
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO		
										MATL SPECN						FINISHED WT		
010		4	153	50	15	1-80-468-22053	00	00	PIPE OD 914X10 L=706 GF COATING (UG)	159385830000 ----- IS3589-410MPA	C	L		NO	1.000	159.132		
020		4	154	50	16	1-80-468-22053	00	00	PIPE OD 914X10 L=400 0 GF COATING (UG)	159385830000 ----- IS3589-410MPA	C	L		NO	1.000	901.600		
030		4	155	50	17	1-80-468-22053	00	00	PIPE OD 914X10 L=109 6 GF COATING (UG)	159385830000 ----- IS3589-410MPA	C	L		NO	1.000	247.038		
040		4	156	50	18	1-80-468-22053	00	00	PIPE OD 914X10 L=130 2 GF COATING (UG)	159385830000 ----- IS3589-410MPA	C	L		NO	1.000	293.471		
050		4	157	50	19	1-80-468-22053	00	00	PIPE OD 914X10 L=46 72 GF COATING (UG)	159385830000 ----- IS3589-410MPA	C	L		NO	1.000	1053.069		
060		4	158	50	20	1-80-468-22053	00	00	PIPE OD 914X10 L=106 4 GF COATING (UG)	159385830000 ----- IS3589-410MPA	C	L		NO	1.000	239.826		
070		4	159	50	21	1-80-468-22053	00	00	SPARE PIPE OD 914X10 L=6 M GF COAT (UG)	159385830000 ----- IS3589-410MPA	C	L		NO	4.000	5409.600		

Weights indicated against piping DU's are average weights only

			GROUP MANUFACTURING SPECIFICATION				PRINCIPLE DRG: 1-80-468-22052 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING				RCI	NETWORK NUMBER 6251030		051/084 PAGE NUMBER		RVN '07'
CUST No. PROJ NAME		7273 ENNORE SEZ 2X660 MW LPP														
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO
										MATL SPECN						FINISHED WT
010		4	160	50	22	3-80-468-33996	00	00	90DEG MITRE BEND NB9 00 GF COAT (UG)	-----		M		NO	12.000	3509.892
020		4	160	38	01	3-80-468-33952	00	02	PF PIPE OD914X10; L= 1313	152110980000 ----- IS2062E250GRA	C			NO	12.000	3509.892
030		4	161	50	23	3-80-468-33997	00	00	45DEG MITRE BEND NB9 00 GF COAT (UG)	-----		M		NO	5.000	842.305
040		4	161	39	01	3-80-468-33952	00	03	PF PIPE OD914X10; L= 756	152110980000 ----- IS2062E250GRA	C			NO	5.000	842.305
050		4	162	50	24	3-80-468-34007	00	00	60DEG MITRE BEND NB9 00 GF COAT (UG)	-----		M		NO	2.000	2424.080
060		4	162	51	01	3-80-468-33952	00	07	PF PIPE OD914X10; L= 1088	152110980000 ----- IS2062E250GRA	C			NO	10.000	2424.080
070		4	163	50	25	3-80-468-33998	00	00	UNEQT OD 914X813 WIT H FLANGE GF COAT(UG)	-----		M		NO	2.000	1486.158

Weights indicated against piping DU's are average weights only

		GROUP MANUFACTURING SPECIFICATION					PRINCIPLE DRG: 1-80-468-22052 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING					RCI	NETWORK NUMBER 6251030		052/084 PAGE NUMBER		RVN '07'	
CUST No.		7273																
PROJ NAME		ENNORE SEZ 2X660 MW LPP																
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO		
										MATL SPECN						FINISHED WT		
010		4	163	40	01	3-80-468-33952	00	04	PF PIPE OD914X10; L=2000	152110980000 ----- IS2062E250GRA	C			NO	2.000	891.132		
020		4	163	40	02	3-80-468-33917	00	02	PF PIPE OD813X10: L=766	152110980000 ----- IS2062E250GRA	C			NO	2.000	303.168		
030		4	163	40	03	3-80-468-27258	00	05	FLAT FACED FLANGE NB 800	150111840000 ----- IS2062E250GRBR	C			NO	2.000	196.200		
040		4	163	40	04	3-80-468-33998	00	00	PAD PLATE; T=10MM OD 1200; ID815	152110980000 ----- IS2062E250GRA	C			NO	2.000	95.658		
050		4	164	50	26	3-80-468-34005	00	00	UNEQT OD 914X813 WIT H FLANGE GF COAT(UG)	-----		M		NO	1.000	1103.890		
060		4	164	52	01	3-80-468-33952	00	06	PF PIPE OD914X10; L=2473	152110980000 ----- IS2062E250GRA	C			NO	1.000	550.913		
070		4	164	52	02	3-80-468-33917	00	02	PF PIPE OD813X10; L=766	152110980000 ----- IS2062E250GRA	C			NO	1.000	151.584		

Weights indicated against piping DU's are average weights only

			GROUP MANUFACTURING SPECIFICATION				PRINCIPLE DRG: 0-80-468-07242 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING				RCI	NETWORK NUMBER 6251030		053/084 PAGE NUMBER		RVN '07'
CUST No. PROJ NAME		7273 ENNORE SEZ 2X660 MW LPP														
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO
										MATL SPECN						FINISHED WT
010		4	164	52	03	3-80-468-27258	00	05	FLAT FACED FLANGE NB 800	150111840000 ----- IS2062E250GRBR	C			NO	1.000	353.564
020		4	164	52	04	3-80-468-34005	00	00	PAD PLATE; T=10MM OD 1200; ID815	152110980000 ----- IS2062E250GRA	C			NO	1.000	47.829
030		4	165	50	27	3-80-468-33999	00	00	UNEQT OD 914X457 WIT H FLANGE GF COAT(UG)	DUMMYKG ----- DUMMY MATERIAL	C	L		NO	1.000	10.000
040		4	166	50	28	3-80-468-34000	00	00	90 DEG MITRE BEND NB 800 WITH FLANGE (OG)	-----		M		NO	8.000	3137.088
050		4	166	41	01	3-80-468-33917	00	03	PF PIPE OD813X10; L= 990	152110980000 ----- IS2062E250GRA	C			NO	8.000	1567.488
060		4	166	41	02	3-80-468-27258	00	05	FLAT FACED FLANGE NB 800	150111840000 ----- IS2062E250GRBR	C			NO	16.000	1569.600
070		4	167	50	29	3-80-468-34002	00	01	PIPE OD 813X10 L=400 0 GF COATING (OG)	-----		M		NO	6.000	5903.214

Weights indicated against piping DU's are average weights only

			GROUP MANUFACTURING SPECIFICATION				PRINCIPLE DRG: 1-80-468-22052 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING				RCI	NETWORK NUMBER 6251030		054/084 PAGE NUMBER		RVN '07'
CUST No. PROJ NAME		7273 ENNORE SEZ 2X660 MW LPP														
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO
										MATL SPECN						FINISHED WT
010		4	167	42	01	3-80-468-33917	00	04	PF PIPE OD813X10; L1 =3980	152110980000 ----- IS2062E250GRA	C			NO	6.000	4726.014
020		4	167	42	02	3-80-468-27258	00	05	FLAT FACED FLANGE NB 800	150111840000 ----- IS2062E250GRBR	C			NO	12.000	1177.200
030		4	168	50	30	3-80-468-34002	00	07	PIPE OD 813X10 L=395 4 GF COATING (OG)	-----		M		NO	1.000	973.978
040		4	168	53	01	3-80-468-33917	00	10	PF PIPE OD914X10; L= 3930	152110980000 ----- IS2062E250GRA	C			NO	1.000	777.778
050		4	168	53	02	3-80-468-27258	00	05	FLAT FACED FLANGE NB 800	150111840000 ----- IS2062E250GRBR	C			NO	2.000	196.200
060		4	169	50	31	3-80-468-34002	00	08	PIPE OD 813X10 L=433 1 GF COATING (OG)	-----		M		NO	1.000	1049.338
070		4	169	54	01	3-80-468-33917	00	11	PF PIPE OD914X10; L= 4311	152110980000 ----- IS2062E250GRA	C			NO	1.000	853.138

Weights indicated against piping DU's are average weights only

			GROUP MANUFACTURING SPECIFICATION					PRINCIPLE DRG: 0-80-468-07242 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING						RCI	NETWORK NUMBER 6251030		055/084 PAGE NUMBER		RVN '07'
CUST No.			7273																
PROJ NAME			ENNORE SEZ 2X660 MW LPP																
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO			
										MATL SPECN						FINISHED WT			
010		4	169	54	02	3-80-468-27258	00	05	FLAT FACED FLANGE NB 800	150111840000 ----- IS2062E250GRBR	C			NO	2.000	196.200			
020		4	170	50	32	3-80-468-34002	00	09	PIPE OD 813X10 L=294 0 GF COATING (OG)	-----		M		NO	1.000	774.038			
030		4	170	55	01	3-80-468-33917	00	12	PF PIPE OD914X10; L= 2920	152110980000 ----- IS2062E250GRA	C			NO	1.000	577.838			
040		4	170	55	02	3-80-468-27258	00	05	FLAT FACED FLANGE NB 800	150111840000 ----- IS2062E250GRBR	C			NO	2.000	196.200			
050		4	171	50	33	3-80-468-34002	00	10	PIPE OD 813X10 L=182 3 GF COATING (UG)	-----		M		NO	1.000	552.904			
060		4	171	56	01	3-80-468-33917	00	13	PF PIPE OD914X10; L= 1803	152110980000 ----- IS2062E250GRA	C			NO	1.000	356.704			
070		4	171	56	02	3-80-468-27258	00	05	FLAT FACED FLANGE NB 800	150111840000 ----- IS2062E250GRBR	C			NO	2.000	196.200			

Weights indicated against piping DU's are average weights only

			GROUP MANUFACTURING SPECIFICATION					PRINCIPLE DRG: 1-80-468-22053 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING						RCI	NETWORK NUMBER 6251030		056/084 PAGE NUMBER		RVN '07'	
CUST No. PROJ NAME			7273 ENNORE SEZ 2X660 MW LPP																	
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO				
										MATL SPECN						FINISHED WT				
010		4	172	50	34	3-80-468-34002	00	11	PIPE OD 813X10 L=185 5 GF COATING (OG)	-----		M		NO	1.000	559.341				
020		4	172	57	01	3-80-468-33917	00	14	PF PIPE OD914X10; L= 1835	152110980000 ----- IS2062E250GRA	C			NO	1.000	363.141				
030		4	172	57	02	3-80-468-27258	00	05	FLAT FACED FLANGE NB 800	150111840000 ----- IS2062E250GRBR	C			NO	2.000	196.200				
040		4	173	50	35	3-80-468-34002	00	12	PIPE OD 813X10 L=139 0 GF COATING (OG)	-----		M		NO	1.000	467.339				
050		4	173	58	01	3-80-468-33917	00	15	PF PIPE OD914X10; L= 1370	152110980000 ----- IS2062E250GRA	C			NO	1.000	271.139				
060		4	173	58	02	3-80-468-27258	00	05	FLAT FACED FLANGE NB 800	150111840000 ----- IS2062E250GRBR	C			NO	2.000	196.200				
070		4	174	50	36	3-80-468-34002	00	00	PIPE OD 813X10 L=100 0 GF COATING (UG)	DUMMYKG ----- DUMMY MATERIAL	C	L		NO	1.000	10.000				

Weights indicated against piping DU's are average weights only

			GROUP MANUFACTURING SPECIFICATION				PRINCIPLE DRG: 1-80-468-22052 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING				RCI	NETWORK NUMBER 6251030		057/084 PAGE NUMBER		RVN '07'
CUST No. PROJ NAME		7273 ENNORE SEZ 2X660 MW LPP														
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO
										MATL SPECN						FINISHED WT
010		4	175	50	37	3-80-468-34002	00	00	PIPE OD 813X10 L=100 0 GF COATING (UG)	DUMMYKG ----- DUMMY MATERIAL	C	L		NO	1.000	10.000
020		4	176	50	38	3-80-468-34003	00	00	PF REDUCER OD914X813 WITH FLG GF COAT(UG)	DUMMYKG ----- DUMMY MATERIAL	C	L		NO	2.000	20.000
030		4	177	50	39	3-80-468-81690	00	00	TORI SPH DISHED END OD914X10 GF COAT(UG)	152110980000 ----- IS2062E250GRA	C	L		NO	1.000	112.400
040		4	178	50	41	4-80-468-81463	00	00	BLANK FLANGE NB100 C L150	DUMMYKG ----- DUMMY MATERIAL	C	L		NO	4.000	29.360
050	*	4	179	50	42	1-80-468-22053	00	00	BOLT M16X80 -SS316L	948220310000 ----- SA182F304	C	L	06	NO	56.000	8.680
060	*	4	180	50	43	1-80-468-22053	00	00	NUT M16 (SS)	948220370000 ----- SA182F304	C	L	06	NO	56.000	1.680
070		4	181	50	44	1-80-468-22053	00	00	RUBBER GASKET NB100	DUMMYKG ----- DUMMY MATERIAL	C	L		NO	7.000	3.500

Weights indicated against piping DU's are average weights only

		GROUP MANUFACTURING SPECIFICATION					PRINCIPLE DRG: 1-80-468-22053 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING					RCI	NETWORK NUMBER 6251030		058/084 PAGE NUMBER		RVN '07'	
CUST No.		7273																
PROJ NAME		ENNORE SEZ 2X660 MW LPP																
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO		
										MATL SPECN						FINISHED WT		
010		4	182	50	45	1-80-468-22053	00	00	BRANCH PIPE OD 21.3X 2.77 L=5M EP AT SITE	154550046000 ----- SA790-S32205	C	L		M	5.000	6.350		
020		4	183	50	47	3-80-468-34109	00	00	90DEG MITRE BEND OD9 14X10 GF COAT (OG)	-----		M		NO	2.000	584.982		
030		4	183	48	01	3-80-468-33952	00	02	PF PIPE OD914X10; L= 1313	152110980000 ----- IS2062E250GRA	C			NO	2.000	584.982		
040		4	184	50	48	1-80-468-22053	00	00	PIPE OD914X10 L= 379 9 GF COAT (OG)	159385830000 ----- IS3589-410MPA	C	L		NO	1.000	856.295		
050	*	4	185	50	49	1-80-468-22053	00	00	BOLT M36X200 SS316L	948220180000 ----- SA182F316L	C	L	06	NO	784.000	1960.000		
060	*	4	186	50	50	1-80-468-22053	00	00	NUT M36 SS316L	948220250000 ----- SA182F316L	C	L	06	NO	784.000	337.120		
070		4	187	50	51	1-80-468-22053	00	00	RUBBER GASHET NB800	DUMMYKG ----- DUMMY MATERIAL	C	L		NO	28.000	14.000		

Weights indicated against piping DU's are average weights only

		GROUP MANUFACTURING SPECIFICATION					PRINCIPLE DRG: 1-80-468-22053 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING					RCI	NETWORK NUMBER 6251030		059/084 PAGE NUMBER		RVN '07'	
CUST No.		7273																
PROJ NAME		ENNORE SEZ 2X660 MW LPP																
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO		
										MATL SPECN						FINISHED WT		
010		4	188	50	52	1-80-468-22053	00	00	PIPE OD 914X10 L=60 00 GF COATING (UG)	159385830000 ----- IS3589-410MPA	C	L		NO	72.000	97372.800		
020		4	189	59	10	3-80-468-33905	00	14	PF PIPE OD 3820X20 L =7.622M GF COAT (UG)	150111500000 ----- IS2062E250GRA	C	L		NO	1.000	14283.232		
030		4	190	59	11	3-80-468-33905	00	15	PF PIPE OD 3820X20 L =9.786M GF COAT (UG)	150111500000 ----- IS2062E250GRA	C	L		NO	1.000	18338.542		
040		4	191	59	12	3-80-468-33905	00	16	PF PIPE OD 3820X20 L =8.426M GF COAT (UG)	150111500000 ----- IS2062E250GRA	C	L		NO	1.000	15789.961		
050		4	192	59	13	3-80-468-33905	00	17	PF PIPE OD 3820X20 L =3.105M GF COAT (UG)	150111500000 ----- IS2062E250GRA	C	L		NO	1.000	5818.577		
060		4	193	59	15	3-80-468-33949	00	00	45 DEG MITRE BEND OD 3820X20 GF COAT (UG)	-----	C	M		NO	1.000	6551.296		
070		4	193	60	01	3-80-468-33905	00	18	PF PIPE OD3820X20 L= 3496	150111500000 ----- IS2062E250GRA	C			NO	1.000	6551.296		

Weights indicated against piping DU's are average weights only

			GROUP MANUFACTURING SPECIFICATION				PRINCIPLE DRG: 0-80-468-07243 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING				RCI	NETWORK NUMBER 6251030		060/084 PAGE NUMBER		RVN '07'
CUST No. PROJ NAME		7273 ENNORE SEZ 2X660 MW LPP														
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO
										MATL SPECN						FINISHED WT
010		4	194	59	16	3-80-468-33950	00	00	45 DEG MITRE BEND OD 3820X20 GF COAT (UG)	-----	C	M		NO	1.000	6092.228
020		4	194	61	01	3-80-468-33905	00	19	PF PIPE OD3820X20 L= 3251	150111500000 ----- IS2062E250GRA	C			NO	1.000	6092.228
030		4	195	59	18	3-80-468-33953	00	00	FAB UEQT OD3820X2540 GF COATING (UG)	-----	C	M		NO	1.000	11190.321
040		4	195	62	01	3-80-468-33905	00	20	PF PIPE OD3820X20 L= 5207	150111500000 ----- IS2062E250GRA	C			NO	1.000	9757.707
050		4	195	62	02	3-80-468-33906	00	01	PF PIPE OD2540X20 L= 853	150111500000 ----- IS2062E250GRA	C			NO	1.000	1059.907
060		4	195	62	03	3-80-468-33953	00	00	PAD PLATE; T=16MM OD 3200; ID2542	150110260000 ----- IS2062E250GRA	C			NO	1.000	372.707
070		4	196	59	19	3-80-468-33954	00	00	FAB UEQT OD3820X2540 GF COATING (UG)	-----	C	M		NO	1.000	9745.700

Weights indicated against piping DU's are average weights only

			GROUP MANUFACTURING SPECIFICATION					PRINCIPLE DRG: 0-80-468-07243 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING					RCI	NETWORK NUMBER 6251030		061/084 PAGE NUMBER		RVN '07'
CUST No. PROJ NAME			7273 ENNORE SEZ 2X660 MW LPP															
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO		
										MATL SPECN						FINISHED WT		
010		4	196	63	01	3-80-468-33905	00	21	PF PIPE OD3820X20 L=4468	150111500000 ----- IS2062E250GRA	C			NO	1.000	8372.810		
020		4	196	63	02	3-80-468-33906	00	01	PF PIPE OD2540X20 L=853	150111500000 ----- IS2062E250GRA	C			NO	1.000	1059.907		
030		4	196	63	03	3-80-468-33954	00	00	PAD PLATE; T=16MM OD 3200; ID2542	150110260000 ----- IS2062E250GRA	C			NO	1.000	312.983		
040		4	197	59	20	3-80-468-33955	00	00	FAB UEQT OD3820X2540 GF COATING (UG)	-----	C	M		NO	1.000	12646.810		
050		4	197	64	01	3-80-468-33905	00	22	PF PIPE OD3820X20 L=5589	150111500000 ----- IS2062E250GRA	C			NO	1.000	10473.470		
060		4	197	64	02	3-80-468-33906	00	09	PF PIPE OD2540X20 L=1449	150111500000 ----- IS2062E250GRA	C			NO	1.000	1800.633		
070		4	197	64	03	3-80-468-33955	00	00	PAD PLATE; T=16MM OD 3200; ID2542	150110260000 ----- IS2062E250GRA	C			NO	1.000	372.707		

Weights indicated against piping DU's are average weights only

		GROUP MANUFACTURING SPECIFICATION					PRINCIPLE DRG: 0-80-468-07243 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING					RCI	NETWORK NUMBER 6251030		062/084 PAGE NUMBER		RVN '07'	
CUST No.		7273																
PROJ NAME		ENNORE SEZ 2X660 MW LPP																
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO		
										MATL SPECN						FINISHED WT		
010		4	198	59	21	3-80-468-33956	00	00	FAB UEQT OD3820X2540 GF COATING (UG)	-----	C	M		NO	1.000	12427.638		
020		4	198	65	01	3-80-468-33905	00	23	PF PIPE OD3820X20 L= 5472	150111500000 ----- IS2062E250GRA	C			NO	1.000	10254.298		
030		4	198	65	02	3-80-468-33906	00	09	PF PIPE OD2540X20 L= 1449	150111500000 ----- IS2062E250GRA	C			NO	1.000	1800.633		
040		4	198	65	03	3-80-468-33956	00	00	PAD PLATE; T=16MM OD 3200; ID2542	150110260000 ----- IS2062E250GRA	C			NO	1.000	372.707		
050		4	199	59	22	3-80-468-33957	00	00	FAB UEQT OD3820X914 GF COATING (UG)	-----	C	M		NO	1.000	4658.215		
060		4	199	66	01	3-80-468-33905	00	24	PF PIPE OD3820X20 L= 2426	150111500000 ----- IS2062E250GRA	C			NO	1.000	4546.249		
070		4	199	66	02	3-80-468-33906	00	01	PF PIPE OD914X10; L= 267	152110980000 ----- IS2062E250GRA	C			NO	1.000	59.503		

Weights indicated against piping DU's are average weights only

			GROUP MANUFACTURING SPECIFICATION				PRINCIPLE DRG: 0-80-468-07243 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING				RCI	NETWORK NUMBER 6251030		063/084 PAGE NUMBER		RVN '07'
CUST No. PROJ NAME		7273 ENNORE SEZ 2X660 MW LPP														
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO
										MATL SPECN						FINISHED WT
010		4	199	66	03	3-80-468-33957	00	00	PAD PLATE; T=10MM OD 1300; ID916	152110980000 ----- IS2062E250GRA	C			NO	1.000	52.463
020		4	200	59	23	3-80-463-33959	00	00	PIPE OD3820 MANHOLE NB600 L=5000 GF (UG)	-----	C	M		NO	6.000	63109.536
030		4	200	67	01	3-80-468-33905	00	25	PF PIPE OD3820X20; L =5000	150111500000 ----- IS2062E250GRA	C			NO	6.000	56218.560
040		4	200	67	02	3-80-463-33959	00	00	PF PIPE OD610X10 L=3 111	150110170000 ----- IS2062E250GRBR	C			NO	6.000	2759.118
050		4	200	67	03	3-80-463-33959	00	00	PAD PLATE T=10 OD 15 12 ;ID630	150110980000 ----- IS2062E250GRA	C			NO	6.000	1076.706
060		4	200	67	04	3-80-468-27258	00	03	FLAT FACE FLANGE NB6 00	150111060000 ----- IS2062E250GRBR	C			NO	6.000	1564.248
070		4	200	67	05	3-80-468-33915	00	00	BLANK FLANGE NB600	-----	C	A		NO	6.000	1116.774

Weights indicated against piping DU's are average weights only

			GROUP MANUFACTURING SPECIFICATION				PRINCIPLE DRG: 0-80-468-07243 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING				RCI	NETWORK NUMBER 6251030		064/084 PAGE NUMBER		RVN '07'
CUST No. PROJ NAME		7273 ENNORE SEZ 2X660 MW LPP														
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO
										MATL SPECN						FINISHED WT
010		4	200	22	01	3-80-468-33915	00	00	BLANK FLANGE NB600 P L:T=50, DIA815	150111060000 ----- IS2062E250GRBR	C			NO	6.000	1098.600
020		4	200	22	02	3-80-468-33915	00	00	HANDLE; ROD DIA32X48 0	153391400000 ----- SA105	C			NO	6.000	18.174
030		4	200	67	06	3-80-463-33959	00	00	HINGE PLATE 370X240X 12THK (OUTER)	150111320000 ----- IS2062E250GRA	C			NO	12.000	100.380
040		4	200	67	07	3-80-463-33959	00	00	HINGE PLATE 473X140X 12THK (INNER)	150111320000 ----- IS2062E250GRA	C			NO	12.000	74.856
050		4	200	67	08	3-80-463-33959	00	00	STUD M24X315	153391390000 ----- SA105	C			NO	6.000	7.278
060		4	200	67	09	3-80-463-33959	00	00	PUN WASHER-M24 -IS20 16-A	414080002400 ----- IS-2016	C			NO	12.000	0.360
070		4	200	67	10	3-80-463-33959	00	00	HEX NUT M24	413010002400 ----- IS-1364(P-3)	C			NO	12.000	1.320

Weights indicated against piping DU's are average weights only

			GROUP MANUFACTURING SPECIFICATION				PRINCIPLE DRG: 0-80-468-07243 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING				RCI	NETWORK NUMBER 6251030		065/084 PAGE NUMBER		RVN '07'
CUST No. PROJ NAME		7273 ENNORE SEZ 2X660 MW LPP														
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO
										MATL SPECN						FINISHED WT
010		4	200	67	11	3-80-463-33959	00	00	SPLIT PIN OD4 X 40	417040402500 -----	C			NO	12.000	0.036
020	*	4	200	67	12	3-80-463-33959	00	00	HEX BOLT M33X140-SS 316L	948220300000 ----- SA182F304	C		06	NO	120.000	150.000
030	*	4	200	67	13	3-80-463-33959	00	00	HEX NUT M33 -SS316L	948220360000 ----- SA182F304	C		06	NO	120.000	36.000
040		4	200	67	14	3-80-463-33959	00	00	NON ASBESTOS GASKET OD780XID617X3THK	220210300000 ----- NON-ASBESTOS	C			NO	6.000	3.900
050		4	201	59	24	3-80-463-33960	00	00	PIPE OD3820 MANHOLE NB600 L=5661 GF(UG)	-----	C	M		NO	1.000	11756.986
060		4	201	68	01	3-80-468-33905	00	26	PF PIPE OD 3820X20 L =5661	150111500000 ----- IS2062E250GRA	C			NO	1.000	10608.490
070		4	201	68	02	3-80-463-33960	00	00	PF PIPE OD610X10 L=3 111	150110170000 ----- IS2062E250GRBR	C			NO	1.000	459.853

Weights indicated against piping DU's are average weights only

			GROUP MANUFACTURING SPECIFICATION				PRINCIPLE DRG: 0-80-468-07243 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING				RCI	NETWORK NUMBER 6251030		066/084 PAGE NUMBER		RVN '07'
CUST No. PROJ NAME		7273 ENNORE SEZ 2X660 MW LPP														
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO
										MATL SPECN						FINISHED WT
010		4	201	68	03	3-80-463-33960	00	00	PAD PLATE T=10 OD 15 12 ;ID630	150110980000 ----- IS2062E250GRA	C			NO	1.000	179.451
020		4	201	68	04	3-80-468-27258	00	03	FLAT FACE FLANGE NB6 00	150111060000 ----- IS2062E250GRBR	C			NO	1.000	260.708
030		4	201	68	05	3-80-468-33915	00	00	BLANK FLANGE NB600	-----	C	A		NO	1.000	186.129
040		4	201	22	01	3-80-468-33915	00	00	BLANK FLANGE NB600 P L:T=50, DIA815	150111060000 ----- IS2062E250GRBR	C			NO	1.000	183.100
050		4	201	22	02	3-80-468-33915	00	00	HANDLE; ROD DIA32X48 0	153391400000 ----- SA105	C			NO	1.000	3.029
060		4	201	68	06	3-80-463-33960	00	00	HINGE PLATE 370X240X 12THK (OUTER)	150111320000 ----- IS2062E250GRA	C			NO	2.000	16.730
070		4	201	68	07	3-80-463-33960	00	00	HINGE PLATE 473X140X 12THK (INNER)	150111320000 ----- IS2062E250GRA	C			NO	2.000	12.476

Weights indicated against piping DU's are average weights only

			GROUP MANUFACTURING SPECIFICATION				PRINCIPLE DRG: 0-80-468-07243 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING				RCI	NETWORK NUMBER 6251030		067/084 PAGE NUMBER		RVN '07'
CUST No. PROJ NAME		7273 ENNORE SEZ 2X660 MW LPP														
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO
										MATL SPECN						FINISHED WT
010		4	201	68	08	3-80-463-33960	00	00	STUD M24X315	153391390000 ----- SA105	C			NO	1.000	1.213
020		4	201	68	09	3-80-463-33960	00	00	PUNCHED WASHER A24	414080002400 ----- IS-2016	C			NO	2.000	0.060
030		4	201	68	10	3-80-463-33960	00	00	HEX NUT M24	413010002400 ----- IS-1364(P-3)	C			NO	2.000	0.220
040		4	201	68	11	3-80-463-33960	00	00	SPLIT PIN DIA 4X40	417040402500 -----	C			NO	2.000	0.006
050	*	4	201	68	12	3-80-463-33960	00	00	HEX BOLT M33X140-SS 316L	948220300000 ----- SA182F304	C		06	NO	20.000	25.000
060	*	4	201	68	13	3-80-463-33960	00	00	HEX NUT M33 -SS316L	948220360000 ----- SA182F304	C		06	NO	20.000	6.000
070		4	201	68	14	3-80-463-33960	00	00	NON ASBESTOS GASKET OD780XID617X3THK	220210300000 ----- NON-ASBESTOS	C			NO	1.000	0.650

Weights indicated against piping DU's are average weights only

		GROUP MANUFACTURING SPECIFICATION					PRINCIPLE DRG: 0-80-468-07243 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING					RCI	NETWORK NUMBER 6251030		068/084 PAGE NUMBER		RVN '07'
CUST No. PROJ NAME		7273 ENNORE SEZ 2X660 MW LPP															
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO	
										MATL SPECN						FINISHED WT	
010		4	202	59	31	3-80-468-33906	00	10	PF PIPE OD2540X20 L=1932MM GF COAT (UG)	150111500000 ----- IS2062E250GRA	C	L		NO	1.000	2400.844	
020		4	203	59	33	3-80-468-33906	00	11	PF PIPE OD2540X20 L=6234MM GF COAT (UG)	150111500000 ----- IS2062E250GRA	C	L		NO	3.000	23240.082	
030		4	204	59	34	3-80-468-33906	00	12	PF PIPE OD2540X20 L=3380MM GF COAT (UG)	150111500000 ----- IS2062E250GRA	C	L		NO	1.000	4200.221	
040		4	205	59	35	3-80-468-33906	00	13	PF PIPE OD2540X20 L=1736MM GF COAT (UG)	150111500000 ----- IS2062E250GRA	C	L		NO	3.000	6471.540	
050		4	206	59	36	3-80-468-33906	00	14	PF PIPE OD2540X20 L=1724MM GF COAT (UG)	150111500000 ----- IS2062E250GRA	C	L		NO	1.000	2142.265	
060		4	207	59	37	4-80-468-81707	00	00	TORI SPH.DISHED END OD3820 GF COAT(UG)	159421140000 ----- SA515GR70	C	L		NO	2.000	6600.000	
070		4	208	59	40	3-80-468-33918	00	02	PF PIPE OD2132X20 L=1021MM GF COAT (UG)	150111500000 ----- IS2062E250GRA	C	L		NO	1.000	1063.204	

Weights indicated against piping DU's are average weights only

		GROUP MANUFACTURING SPECIFICATION					PRINCIPLE DRG: 0-80-468-07243 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING					RCI	NETWORK NUMBER 6251030		069/084 PAGE NUMBER		RVN '07'	
CUST No.		7273																
PROJ NAME		ENNORE SEZ 2X660 MW LPP																
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO		
										MATL SPECN						FINISHED WT		
010		4	209	59	41	3-80-468-33918	00	03	PF PIPE OD2132X20 L= 2587MM GF COAT (OG)	150111500000 ----- IS2062E250GRA	C	L		NO	1.000	2694.120		
020		4	210	59	42	3-80-468-33918	00	04	PF PIPE OD2132X20 L= 1021MM GF COAT (OG)	150111500000 ----- IS2062E250GRA	C	L		NO	1.000	1063.204		
030		4	211	59	43	3-80-468-33918	00	05	PF PIPE OD2132X20 L= 1369MM GF COAT (UG)	150111500000 ----- IS2062E250GRA	C	L		NO	1.000	1425.717		
040		4	212	59	44	3-80-468-33918	00	06	PF PIPE OD2132X20 L= 4857MM GF COAT (UG)	150111500000 ----- IS2062E250GRA	C	L		NO	1.000	5057.912		
050		4	213	59	45	3-80-468-33918	00	07	PF PIPE OD2132X20 L= 8625MM GF COAT (UG)	150111500000 ----- IS2062E250GRA	C	L		NO	1.000	8981.970		
060		4	214	59	46	3-80-468-33918	00	08	PF PIPE OD2132X20 L= 1346MM GF COAT (OG)	150111500000 ----- IS2062E250GRA	C	L		NO	1.000	1401.696		
070		4	215	59	47	3-80-468-33918	00	09	PF PIPE OD2132X20 L= 1596MM GF COAT (OG)	150111500000 ----- IS2062E250GRA	C	L		NO	1.000	1662.002		

Weights indicated against piping DU's are average weights only

			GROUP MANUFACTURING SPECIFICATION					PRINCIPLE DRG: 0-80-468-07243 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING					RCI	NETWORK NUMBER 6251030		070/084 PAGE NUMBER		RVN '07'
CUST No. PROJ NAME			7273 ENNORE SEZ 2X660 MW LPP															
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO		
										MATL SPECN						FINISHED WT		
010		4	216	59	49	3-80-468-33657	00	00	45 DEG MITRE BEND OD 2132X20 GF COAT (UG)	-----	C	M		NO	1.000	1345.490		
020		4	216	69	01	3-80-468-33701	00	03	PF PIPE OD2132X20; L =1292	150111500000 ----- IS2062E250GRA	C			NO	1.000	1345.490		
030		4	217	59	51	3-80-468-33962	00	00	PIPE OD2132 MANHOLE NB600 L=6480 GF (OG)	-----	C	M		NO	1.000	7896.670		
040		4	217	70	01	3-80-468-33918	00	10	PF PIPE OD 2132X20 L =6480	150111500000 ----- IS2062E250GRA	C			NO	1.000	6748.174		
050		4	217	70	02	3-80-468-33962	00	00	PF PIPE OD610X10 L=3 111	150110170000 ----- IS2062E250GRBR	C			NO	1.000	459.853		
060		4	217	70	03	3-80-468-33962	00	00	PAD PLATE T=10 OD 15 12 ;ID630	150110980000 ----- IS2062E250GRA	C			NO	1.000	179.451		
070		4	217	70	04	3-80-468-27258	00	03	FLAT FACE FLANGE NB6 00	150111060000 ----- IS2062E250GRBR	C			NO	1.000	260.708		

Weights indicated against piping DU's are average weights only

			GROUP MANUFACTURING SPECIFICATION				PRINCIPLE DRG: 0-80-468-07243 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING				RCI	NETWORK NUMBER 6251030		071/084 PAGE NUMBER		RVN '07'
CUST No. PROJ NAME		7273 ENNORE SEZ 2X660 MW LPP														
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO
										MATL SPECN						FINISHED WT
010		4	217	70	05	3-80-468-33915	00	00	BLANK FLANGE NB600	-----	C	A		NO	1.000	186.129
020		4	217	22	01	3-80-468-33915	00	00	BLANK FLANGE NB600 P L:T=50, DIA815	150111060000 ----- IS2062E250GRBR	C			NO	1.000	183.100
030		4	217	22	02	3-80-468-33915	00	00	HANDLE; ROD DIA32X48 0	153391400000 ----- SA105	C			NO	1.000	3.029
040		4	217	70	06	3-80-468-33962	00	00	HINGE PLATE 370X240X 12THK (OUTER)	150111320000 ----- IS2062E250GRA	C			NO	2.000	16.730
050		4	217	70	07	3-80-468-33962	00	00	HINGE PLATE 473X140X 12THK (INNER)	150111320000 ----- IS2062E250GRA	C			NO	2.000	12.476
060		4	217	70	08	3-80-468-33962	00	00	STUD M24X315	153391390000 ----- SA105	C			NO	1.000	1.213
070		4	217	70	09	3-80-468-33962	00	00	PUNCHED WASHER A24	414080002400 ----- IS-2016	C			NO	2.000	0.060

Weights indicated against piping DU's are average weights only

			GROUP MANUFACTURING SPECIFICATION				PRINCIPLE DRG: 0-80-468-07243 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING				RCI	NETWORK NUMBER 6251030		072/084 PAGE NUMBER		RVN '07'
CUST No. PROJ NAME		7273 ENNORE SEZ 2X660 MW LPP														
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO
										MATL SPECN						FINISHED WT
010		4	217	70	10	3-80-468-33962	00	00	HEX NUT M24	413010002400 ----- IS-1364(P-3)	C			NO	2.000	0.220
020		4	217	70	11	3-80-468-33962	00	00	SPLIT PIN DIA 4X40	417040402500 -----	C			NO	2.000	0.006
030	*	4	217	70	12	3-80-468-33962	00	00	HEX BOLT M33X140-SS 316L	948220300000 ----- SA182F304	C		06	NO	20.000	25.000
040	*	4	217	70	13	3-80-468-33962	00	00	HEX NUT M33 -SS316L	948220360000 ----- SA182F304	C		06	NO	20.000	6.000
050		4	217	70	14	3-80-468-33962	00	00	NON ASBESTOS GASKET OD780XID617X3THK	220210300000 ----- NON-ASBESTOS	C			NO	1.000	0.650
060		4	218	59	52	3-80-468-33963	00	00	PIPE OD2132 MANHOLE NB600 L=1343 GF (OG)	-----	C	M		NO	1.000	2547.052
070		4	218	71	01	3-80-468-33918	00	11	PF PIPE OD 2132X20 L =1343	150111500000 ----- IS2062E250GRA	C			NO	1.000	1398.556

Weights indicated against piping DU's are average weights only

			GROUP MANUFACTURING SPECIFICATION				PRINCIPLE DRG: 0-80-468-07243 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING				RCI	NETWORK NUMBER 6251030		073/084 PAGE NUMBER		RVN '07'
CUST No. PROJ NAME		7273 ENNORE SEZ 2X660 MW LPP														
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO
										MATL SPECN						FINISHED WT
010		4	218	71	02	3-80-468-33963	00	00	PF PIPE OD610X10 L=3 111	150110170000 ----- IS2062E250GRBR	C			NO	1.000	459.853
020		4	218	71	03	3-80-468-33963	00	00	PAD PLATE T=10 OD 15 12 ;ID630	150110980000 ----- IS2062E250GRA	C			NO	1.000	179.451
030		4	218	71	04	3-80-468-27258	00	03	FLAT FACE FLANGE NB6 00	150111060000 ----- IS2062E250GRBR	C			NO	1.000	260.708
040		4	218	71	05	3-80-468-33915	00	00	BLANK FLANGE NB600	-----	C	A		NO	1.000	186.129
050		4	218	22	01	3-80-468-33915	00	00	BLANK FLANGE NB600 P L:T=50, DIA815	150111060000 ----- IS2062E250GRBR	C			NO	1.000	183.100
060		4	218	22	02	3-80-468-33915	00	00	HANDLE; ROD DIA32X48 0	153391400000 ----- SA105	C			NO	1.000	3.029
070		4	218	71	06	3-80-468-33963	00	00	HINGE PLATE 370X240X 12THK (OUTER)	150111320000 ----- IS2062E250GRA	C			NO	2.000	16.730

Weights indicated against piping DU's are average weights only

		GROUP MANUFACTURING SPECIFICATION					PRINCIPLE DRG: 0-80-468-07243 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING					RCI	NETWORK NUMBER 6251030		074/084 PAGE NUMBER		RVN '07'	
CUST No.		7273																
PROJ NAME		ENNORE SEZ 2X660 MW LPP																
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO		
										MATL SPECN						FINISHED WT		
010		4	218	71	07	3-80-468-33963	00	00	HINGE PLATE 473X140X 12THK (INNER)	150111320000 ----- IS2062E250GRA	C			NO	2.000	12.476		
020		4	218	71	08	3-80-468-33963	00	00	STUD M24X315	153391390000 ----- SA105	C			NO	1.000	1.213		
030		4	218	71	09	3-80-468-33963	00	00	PUNCHED WASHER A24	414080002400 ----- IS-2016	C			NO	2.000	0.060		
040		4	218	71	10	3-80-468-33963	00	00	HEX NUT M24	413010002400 ----- IS-1364(P-3)	C			NO	2.000	0.220		
050		4	218	71	11	3-80-468-33963	00	00	SPLIT PIN DIA 4X40	417040402500 -----	C			NO	2.000	0.006		
060	*	4	218	71	12	3-80-468-33963	00	00	HEX BOLT M33X140-SS 316L	948220300000 ----- SA182F304	C		06	NO	20.000	25.000		
070	*	4	218	71	13	3-80-468-33963	00	00	HEX NUT M33 -SS316L	948220360000 ----- SA182F304	C		06	NO	20.000	6.000		

Weights indicated against piping DU's are average weights only

			GROUP MANUFACTURING SPECIFICATION				PRINCIPLE DRG: 0-80-468-07243 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING				RCI	NETWORK NUMBER 6251030		075/084 PAGE NUMBER		RVN '07'
CUST No. PROJ NAME		7273 ENNORE SEZ 2X660 MW LPP														
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO
										MATL SPECN						FINISHED WT
010		4	218	71	14	3-80-468-33963	00	00	NON ASBESTOS GASKET OD780XID617X3THK	220210300000 ----- NON-ASBESTOS	C			NO	1.000	0.650
020		4	219	59	53	3-80-468-33964	00	00	EQT OD 2132X20 GF CO ATING (OG)	----- -----	C	M		NO	1.000	7204.107
030		4	219	72	01	3-80-468-33918	00	12	PF PIPE OD 2132X20 L =4600	150111500000 ----- IS2062E250GRA	C			NO	1.000	4790.384
040		4	219	72	02	3-80-468-33918	00	13	PF PIPE OD 2132X20 L =2084	150111500000 ----- IS2062E250GRA	C			NO	1.000	2170.211
050		4	219	72	03	3-80-468-33964	00	00	PAD PLATE; T=16MM OD 2650; ID2134	150110260000 ----- IS2062E250GRA	C			NO	1.000	243.512
060		4	220	59	55	0-80-468-07243	00	00	PIPE OD219.1X3.76 L= 3000 SS	154550016000 ----- SA790-S32205	C	L		NO	1.000	59.910
070		4	221	59	56	0-80-468-07243	00	00	FLAT FACED FLANGE NB 200; DSS	DUMMYKG ----- DUMMY MATERIAL	C	L		NO	9.000	83.745

Weights indicated against piping DU's are average weights only

			GROUP MANUFACTURING SPECIFICATION				PRINCIPLE DRG: 0-80-468-07243 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING				RCI	NETWORK NUMBER 6251030		076/084 PAGE NUMBER		RVN '07'
CUST No. PROJ NAME		7273 ENNORE SEZ 2X660 MW LPP														
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO
										MATL SPECN						FINISHED WT
010		4	222	59	57	0-80-468-07243	00	00	BLANK FLANGE NB200; DSS	DUMMYKG ----- DUMMY MATERIAL	C	L		NO	9.000	83.745
020	*	4	223	59	58	0-80-468-07243	00	00	BOLT M20X90 -SS316L	948220350000 ----- SA182F304	C	L	06	NO	90.000	27.630
030	*	4	224	59	59	0-80-468-07243	00	00	HEX NUT M20 -SS316L	948220380000 ----- SA182F304	C	L	06	NO	90.000	5.850
040		4	225	59	60	0-80-468-07243	00	00	RUBBER GASKET NB200	DUMMYKG ----- DUMMY MATERIAL	C	L		NO	9.000	4.500
050		4	226	59	61	3-80-468-34004	00	00	PF PIPE OD3820 WT MI TRE BEND OD914 GF(UG	-----	C	M		NO	1.000	11323.807
060		4	226	73	01	3-80-468-33905	00	34	PF PIPE OD3820 X20 L =5830	150111500000 ----- IS2062E250GRA	C			NO	1.000	10925.159
070		4	226	73	02	3-80-468-34107	00	00	90DEG MITRE BEND OD9 14	-----	C	A		NO	1.000	346.185

Weights indicated against piping DU's are average weights only

			GROUP MANUFACTURING SPECIFICATION				PRINCIPLE DRG: 0-80-468-07243 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING				RCI	NETWORK NUMBER 6251030		077/084 PAGE NUMBER		RVN '07'
CUST No. PROJ NAME		7273 ENNORE SEZ 2X660 MW LPP														
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO
										MATL SPECN						FINISHED WT
010		4	226	74	01	3-80-468-33952	00	08	PF PIPE OD914X10 L=1 554	152110980000 ----- IS2062E250GRA	C			NO	1.000	346.185
020		4	226	73	03	3-80-468-34004	00	00	PAD PLATE; T=10MM OD 1300; ID916	150110260000 ----- IS2062E250GRA	C			NO	1.000	52.463
030		4	227	59	62	3-80-468-33918	00	15	PF PIPE OD2132X20 L= 10M GF COAT (UG)	150111500000 ----- IS2062E250GRA	C	L		NO	1.000	10413.810
040		4	228	59	63	3-80-468-33918	00	16	PF PIPE OD2132X20 L= 5M GF COAT (OG)	150111500000 ----- IS2062E250GRA	C	L		NO	1.000	5206.905
050		4	229	59	64	3-80-468-33906	00	21	PF PIPE OD2540X20 L= 10M GF COAT (UG)	150111500000 ----- IS2062E250GRA	C	L		NO	1.000	12426.550
060	H	4	230	75		1-80-468-22107	00	00	PF.PPIPE OD813X10 WIT H STUBS	-----		M	07	NO	4.000	5860.628
070	H	4	230	75	01	3-80-468-34115	00	00	FL. PIPE NB800 WITH PDLE FLANGE GF (OG)	-----	C	A	07	NO	4.000	5804.492

Weights indicated against piping DU's are average weights only

			GROUP MANUFACTURING SPECIFICATION					PRINCIPLE DRG: 1-80-468-22107 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING					RCI	NETWORK NUMBER 6251030		078/084 PAGE NUMBER		RVN '07'
CUST No.			7273															
PROJ NAME			ENNORE SEZ 2X660 MW LPP															
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO		
										MATL SPECN						FINISHED WT		
010	H	4	230	76	01	3-80-468-34002	00	13	PIPE WITH FLANGE OD8 13X10 L=4413	-----		A	07	NO	4.000	4262.348		
020	H	4	230	77	01	3-80-468-33917	00	16	PF PIPE OD813X10; L1 =4393	152110980000 ----- IS2062E250GRA	C		07	NO	4.000	3477.548		
030	H	4	230	77	02	3-80-468-27258	00	05	FLAT FACED FLANGE NB 800	150111840000 ----- IS2062E250GRBR	C		07	NO	8.000	784.800		
040	H	4	230	76	02	3-80-468-34115	00	00	SLEEVE PAD 10X1290X9 00	152110980000 ----- IS2062E250GRA	C		07	NO	8.000	729.112		
050	H	4	230	76	03	3-80-468-34115	00	00	PUDDLE FLANGE PLATE 16X1100X1100	150110260000 ----- IS2062E250GRA	C		07	NO	4.000	333.448		
060	H	4	230	76	04	3-80-468-34115	00	00	RIB PLATE-1 16X392X3 15	150110260000 ----- IS2062E250GRA	C		07	NO	32.000	314.144		
070	H	4	230	76	05	3-80-468-34115	00	00	RIB PLATE-2 16X392X1 05	150110260000 ----- IS2062E250GRA	C		07	NO	32.000	165.440		

Weights indicated against piping DU's are average weights only

			GROUP MANUFACTURING SPECIFICATION					PRINCIPLE DRG: 1-80-468-22107 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING					RCI	NETWORK NUMBER 6251030		079/084 PAGE NUMBER		RVN '07'
CUST No. PROJ NAME			7273 ENNORE SEZ 2X660 MW LPP															
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO		
										MATL SPECN						FINISHED WT		
010	H	4	230	75	15	1-80-468-22107	00	00	PIPE OD219.1X6; L=150	159385490000 ----- IS3589-410MPA	C		07	NO	4.000	18.916		
020	H	4	230	75	16	1-80-468-22107	00	00	FLAT FACED FLANGE NB 200; PN10	150110810000 ----- IS2062E250GRBR	C		07	NO	4.000	37.220		
030		4	231	75	02	3-80-468-34002	00	14	PIPE NB800 WITH FLANGES L=1411MM GF (OG)	-----	C	M		NO	2.000	943.000		
040		4	231	78	01	3-80-468-33917	00	17	PF PIPE OD813X10; L1=1391	152110980000 ----- IS2062E250GRA	C			NO	2.000	550.600		
050		4	231	78	02	3-80-468-27258	00	05	FLAT FACED FLANGE NB 800	150111840000 ----- IS2062E250GRBR	C			NO	4.000	392.400		
060	H	4	232	75		1-80-468-22107	00	00	PF.PIPE OD813X10 WITH STUBS	-----		M	07	NO	4.000	2418.376		
070	H	4	232	75	03	3-80-468-34113	00	00	PIPE NB800 WT BT.SUP FLANGES GF COAT (OG)	-----	C	A	07	NO	4.000	2312.728		

Weights indicated against piping DU's are average weights only

			GROUP MANUFACTURING SPECIFICATION				PRINCIPLE DRG: 1-80-468-22107 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING				RCI	NETWORK NUMBER 6251030		080/084 PAGE NUMBER		RVN '07'
CUST No. PROJ NAME		7273 ENNORE SEZ 2X660 MW LPP														
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO
										MATL SPECN						FINISHED WT
010	H	4	232	79	01	3-80-468-34002	00	15	PIPE NB800 WITH FLAN GES L=1584	-----		A	07	NO	4.000	2022.904
020	H	4	232	80	01	3-80-468-33917	00	18	PF PIPE OD813X10; L1 =1564	152110980000 ----- IS2062E250GRA	C		07	NO	4.000	1238.104
030	H	4	232	80	02	3-80-468-27258	00	05	FLAT FACED FLANGE NB 800	150111840000 ----- IS2062E250GRBR	C		07	NO	8.000	784.800
040	H	4	232	79	02	3-80-468-34113	00	00	PF PIPE OD457.2; L=6 44	152110980000 ----- IS2062E250GRA	C		07	NO	4.000	289.824
050	H	4	232	75	08	1-80-468-22107	00	00	BRANCH PIPE OD114.3X 6.02 L=100	150824900000 ----- SA106GRB	C		07	NO	12.000	40.248
060	H	4	232	75	09	4-80-468-81450	00	00	FLAT FACED FLANGE NB 100 CL150 CS	150110810000 ----- IS2062E250GRBR	C		07	NO	12.000	65.400
070	H	4	233	75		1-80-468-22107	00	00	PF.PPIPE OD813X10 WIT H STUBS	-----		M	07	NO	4.000	2368.352

Weights indicated against piping DU's are average weights only

			GROUP MANUFACTURING SPECIFICATION				PRINCIPLE DRG: 1-80-468-22107 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING					RCI	NETWORK NUMBER 6251030		081/084 PAGE NUMBER		RVN '07'
CUST No.		7273															
PROJ NAME		ENNORE SEZ 2X660 MW LPP															
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO	
										MATL SPECN						FINISHED WT	
010	H	4	233	75	04	3-80-468-34111	00	00	PIPE NB800 WT BT.SUP FLANGES GF COAT (OG)	-----	C	A	07	NO	4.000	2333.136	
020	H	4	233	81	01	3-80-468-34002	00	16	PIPE NB800 WITH FLAN GES L=1610	-----		A	07	NO	4.000	2043.312	
030	H	4	233	82	01	3-80-468-33917	00	19	PF PIPE OD813X10; L1 =1590	152110980000 ----- IS2062E250GRA	C		07	NO	4.000	1258.512	
040	H	4	233	82	02	3-80-468-27258	00	05	PLATE 40.0 MM -IS206 2E250B(FE410W)	150111840000 ----- IS2062E250GRBR	C		07	NO	8.000	784.800	
050	H	4	233	81	02	3-80-468-34111	00	00	PLATE 10 MM-IS2062E2 50A(FE410W)	152110980000 ----- IS2062E250GRA	C		07	NO	4.000	289.824	
060	H	4	233	75	08	1-80-468-22107	00	00	BRANCH PIPE OD114.3X 6.02 L=100	150824900000 ----- SA106GRB	C		07	NO	4.000	13.416	
070	H	4	233	75	09	4-80-468-81450	00	00	FLAT FACED FLANGE NB 100 CL150 CS	150110810000 ----- IS2062E250GRBR	C		07	NO	4.000	21.800	

Weights indicated against piping DU's are average weights only

			GROUP MANUFACTURING SPECIFICATION				PRINCIPLE DRG: 1-80-468-22107 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING					RCI	NETWORK NUMBER 6251030		082/084 PAGE NUMBER		RVN '07'
CUST No.		7273															
PROJ NAME		ENNORE SEZ 2X660 MW LPP															
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO	
										MATL SPECN						FINISHED WT	
010	H	4	234	75	05	3-80-468-34002	00	17	PIPE NB800 WITH FLANGES L=867MM GF (OG)	-----	C	M	07	NO	4.000	1455.192	
020	H	4	234	83	01	3-80-468-33917	00	20	PF PIPE OD813X10; L1=847	152110980000 ----- IS2062E250GRA	C		07	NO	4.000	670.392	
030	H	4	234	83	02	3-80-468-27258	00	05	FLAT FACED FLANGE NB 800	150111840000 ----- IS2062E250GRBR	C		07	NO	8.000	784.800	
040	H	4	235	75	06	1-80-468-22107	00	00	RED. OD813X700 WITH FLANGES	DUMMYKG ----- DUMMY MATERIAL	C	L	07	NO	4.000	400.000	
050		4	236	75	07	1-80-468-22107	00	00	PLATE 12MM THK 600X600	150111320000 ----- IS2062E250GRA	C	L		NO	8.000	271.296	
060		4	237	75	10	4-80-468-81463	00	00	BL.FLANGE NB100 CL150 FOR PR. STUB	DUMMYKG ----- DUMMY MATERIAL	C	L		NO	16.000	87.200	
070	*	4	238	75	11	1-80-468-22107	00	00	BOLT M16X80 -SS316L	948220310000 ----- SA182F304	C	L	06	NO	128.000	19.840	

Weights indicated against piping DU's are average weights only

			GROUP MANUFACTURING SPECIFICATION				PRINCIPLE DRG: 1-80-468-22107 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING				RCI	NETWORK NUMBER 6251030		083/084 PAGE NUMBER		RVN '07'
CUST No. PROJ NAME		7273 ENNORE SEZ 2X660 MW LPP														
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO
										MATL SPECN						FINISHED WT
010	*	4	239	75	12	1-80-468-22107	00	00	NUT M16 -SS316L	948220370000 ----- SA182F304	C	L	06	NO	128.000	3.840
020		4	240	75	13	1-80-468-22107	00	00	RUBBER GASKET NB100	DUMMYKG ----- DUMMY MATERIAL	C	L		NO	16.000	8.000
030		4	241	75	14	1-80-468-22107	00	00	BRANCH PIPE OD21.3X2 .77 L=5M EP AT SITE	154550046000 ----- SA790-S32205	C	L		M	5.000	6.350
040		4	242	75	17	1-80-468-22107	00	00	FLAT FACED FLANGE NB 200; DSS	DUMMYKG ----- DUMMY MATERIAL	C	L		NO	4.000	37.220
050	*	4	243	75	18	1-80-468-22107	00	00	BOLT M20X90 -SS316L	948220350000 ----- SA182F304	C	L	06	NO	32.000	9.824
060	*	4	244	75	19	1-80-468-22107	00	00	NUT M20 - SS316L	948220380000 ----- SA182F304	C	L	06	NO	32.000	2.080
070		4	245	75	20	1-80-468-22107	00	00	RUBBER GASKET NB200	DUMMYKG ----- DUMMY MATERIAL	C	L		NO	4.000	2.000

Weights indicated against piping DU's are average weights only

			GROUP MANUFACTURING SPECIFICATION					PRINCIPLE DRG: 1-80-468-22107 DPN-NS-PG-MA : 055-1-80-468 PGMA DESC : MAIN CIRCULATION WATER PIPING					RCI	NETWORK NUMBER 6251030			084/084 PAGE NUMBER		RVN '07'
CUST No.			7273																
PROJ NAME			ENNORE SEZ 2X660 MW LPP																
LINE	D A M	N R V	DU NO.	B O M	IT E M	DRAWING NUMBER / BPS CODE	R V N	V A R	DESCRIPTION	MATL CODE	AC	DUI	REV	UNIT	QTY / JOB NO	WT / JOB NO			
										MATL SPECN						FINISHED WT			
010		4	246	75	21	1-80-468-22107	00	00	PIPE OD219.1X3; L=30 00	154550016000 ----- SA790-S32205	C	L		NO	1.000	19.970			
020		4	247	75	22	1-80-468-22107	00	00	PF PIPE OD700 WITH F LNG GF COAT (OG)	DUMMYKG ----- DUMMY MATERIAL	C	L		NO	4.000	2000.000			
030	*	4	248	75	23	1-80-468-22107	00	00	BOLT M36X200 SS316L	948220180000 ----- SA182F316L	C	L	06	NO	784.000	1960.000			
040	*	4	249	75	24	1-80-468-22107	00	00	NUT M36 SS316L	948220250000 ----- SA182F316L	C	L	06	NO	784.000	337.120			
050		4	250	75	25	1-80-468-22107	00	00	RUBBER GASKET NB800	DUMMYKG ----- DUMMY MATERIAL	C	L		NO	28.000	14.000			

Weights indicated against piping DU's are average weights only