



1. DIMENSIONS MARKED THUS * ARE FOR D.O. REFERENCE ONLY.
2. WEIGHT OF ARRGOT. DOES NOT INCLUDE WT. OF ITEMS 26, 27, 29, 32, 33 & 35.
3. ITEMS 7, 18 & 34 TO BE USE AS PER REQUIREMENT TO SUPPORT THE PIPE.
4. CUTTING AND WELDING OF PIPES TO BE DONE TO SUIT ON ASSY. AT SITE.
5. ALL GASKETS AT PIPE JOINTS SHALL BE ASSEMBLED WITH DRG 3 263 03 01401 AT SITE.
6. ALL FLANGES TO BE WELDED IN ACCORDANCE WITH DRG. 3 263 03 01401.
7. ALL FLANGES, TIES, ELBOWS AND REDUCERS ARE TO BE WELDED AT SITE AFTER FINAL ADJUSTMENT OF PIPES.
8. ALL PIPES INCLUDING COOLERS TO BE TESTED AT PRESSURE OF 15 KG/CM² FOR 30 MINUTES.
9. ALL FASTENERS TO BE ZINC PLATED TO AA0473603 AND PASSWATED TO AA0473604.
10. WOOL FELT IT. NO.17 TO BE INSERTED BETWEEN U-BOLT AND PIPE.
11. ALL OPENING MADE IN FOUNDATION FOR COOLING WATER PIPING TO BE FILLED BY SECONDARY GROUTING AFTER FINAL ASSEMBLY.
12. ALL PIPES, FLANGES & FITTINGS TO BE PAINTED AS PER CUSTOMER APPROVED PAINTING PROCEDURE GIVEN IN PAINTING SCHEDULE.
13. FOR SCHEMATIC DIAGRAM FOR COOLING SYSTEM REFER DRG. NO. 0 250 00 05704.
14. DRILL SUITABLE HOLES FOR RAWL BOLTS IN FOUNDATION.
15. ALL PIPES WELDS ARE TO BE WATER TIGHT AND TO GR. III TO AS 0622101.
16. FOR ARRGOT. OF AIR COOLER WATER PIPING REFER DRG. NO. 0 263 03 05703.
17. FOR ARRGOT. OF BOTTOM BEARING OIL COOLER WATER PIPING REFER DRG. NO. 0 263 03 05705.
18. REFER GENERATOR FOUNDATION DRAWING NO. 0 250 00 05701 FOR EXISTING CUTOUT & ELEVATION.
19. FOR LINE & NEUTRAL TERMINALS CUTOFF REFER DRG. NO. 2 250 00 05701.
20. PIPE SHOULD HAVE FOLLOWING DIMENSIONS:-

PIPE SIZE	OD (MM)	TK OF PIPE (MM)
32 N/B	42.9	4.00
80 N/B	89.5	4.80

PAINTING SCHEDULE			
DESCRIPTION	PAINT SPECIFICATION		COLOR/SHADE
Cooling Water Pumping	INSIDE: EPIGARD 4 (SHALMAR PAINTS) OR EQUIVALENT FINISH: COOL TAP EPOXY 8518 (BOMBAY PAINTS) OR EQUIVALENT		INSIDE: BLACK OUTSIDE: SHADE NO. 280 of S 5 VERDIGR GREEN
	INSIDE: PRIMER: ANTI-CORROSION PRIMING PAINT (A456101 OR: 2074 OR EQUIVALENT) FINISH: HIGH QUALITY FULL GLOSSY OOT DOOR FINISHING PAINT (A456126 OR: 2932: 2093 OR EQUIVALENT)		INSIDE: 225-275 MICRONS OUTSIDE: 100-125 MICRONS (LOCK, MAXIMUM 200 MICRONS)

560	INCLUDES 16 NOS. EXTRA	036	SCRU HEX:AM16X70-8.8				AA7121123576	NA	NA	0.14		
002	B.O.	035	PRESSURE GAUGE	3 259 06 01023	001		AA7121123	NA	NA			
040	INCLUDES 5 NOS. EXTRA	034	SUPPORT BRACKET 80 N/B				AA10108	NA	NA	2.47		
001	B.O.	033	DIT	1 259 03 01004	001			NA	NA			
001	B.O.	032	RTD (DUPLEX)	2 259 01 01011	001		BP9033005174	NA	NA			
600	INCLUDES 24 NOS. EXTRA	031	WASHER SPRING SCB-16-ST				AA7164002088	NA	NA	0.009		
600	INCLUDES 24 NOS. EXTRA	030	NUT HEX. AM16-8				AA7164002	NA	NA	0.033		
001	B.O.	029	FLOW METER 80 N/B				AA7151115059	NA	NA			
							AA7151115	NA	NA			
200	INCLUDES 22 NOS. EXTRA	028	NUT HEX. AM10-8				AA7151115032	NA	NA	0.012		
008	B.O.	027	BALL VALVE 32 N/B				AA7151115	NA	NA			
002	B.O.	026	BUTTERFLY VALVE 80N/B					NA	NA			
003	TO SUIT IF.22 INCLUDES 1 NOS. EXTRA	025	PLUG (3/8")					NA	NA	0.25		
005	TO SUIT IF.21 INCLUDES 4 NOS. EXTRA	024	PLUG (1/4")				AA10108	NA	NA	0.25		
006	TO SUIT IF.20 INCLUDES 4 NOS. EXTRA	023	PLUG (3/4")				AA10108	NA	NA	0.25		
003	FOR PR. GAUGE INCLUDES 3 NOS. EXTRA	022	BOSS #50X40 LG. S.S.S.Q. BAR				AA10108	NA	NA	0.60		
005	FOR RTD INCLUDES 4 NOS. EXTRA	021	BOSS #50X40 LG. S.S.S.Q. BAR				AA10108	NA	NA	0.60		
006	FOR DIT INCLUDES 4 NOS. EXTRA	020	BOSS #50X40 LG. S.S.S.Q. BAR				AA10108	NA	NA	0.60		
176	INCLUDES 34 NOS. EXTRA	019	RAWL BOLT M12	3 299 88 01020	003		AA10108	NA	NA	0.15		
048	INCLUDES 9 NOS. EXTRA	018	SUPPORT BRACKET 80 N/B				AA10108	NA	NA	1.80		
001	CUT TO SUIT	017	WOOL FELT 3TK.X1000X1000LG.				AA2311821130	NA	NA	5.4		
048	INCLUDES 16 NOS. EXTRA	016	GASKET 32 N/B	3 263 03 01002	002		AA23121	NA	NA	0.011		
200	INCLUDES 22 NOS. EXTRA	015	WASHER SPRING SCB-10-ST				AA7164002061	NA	NA	0.003		
084	INCLUDES 28 NOS. EXTRA	014	GASKET 80 N/B	3 263 03 01002	006		AA7164002	NA	NA	0.029		
044	INCLUDES 4 NOS. EXTRA	013	FLANGE 32 N/B	3 263 03 01501	002			NA	NA	1.47		
020	INCLUDES 4 NOS. EXTRA	012	STUD M16X135 LG.	3 263 03 05707	001			NA	NA	0.213		
116	INCLUDES 10 NOS. EXTRA	011	FLANGE 80 N/B	3 263 03 01501	006			NA	NA	3.28		
020	INCLUDES 4 NOS. EXTRA	010	U BOLT 32 N/B	3 263 03 01003	012			NA	NA	0.12		
080	INCLUDES 7 NOS. EXTRA	009	U BOLT 80 N/B	3 263 03 01003	003			NA	NA	0.19		
002		008	EQUAL TEE 80 NB SEAMLESS (SCHEDULE-40)				AA7242511160	NA	NA	3.8		
020	INCLUDES 4 NOS. EXTRA	007	SUPPORT ANGLE 50X50X6Z80LG. S.S.S.Q. ANGLE				AA7242511	NA	NA	1.17		
028	INCLUDES 4 NOS. EXTRA	006	ELBOW 90° (32 N/B) SEAMLESS (SCHEDULE-40)				AA10108	NA	NA	0.5		
030	INCLUDES 4 NOS. EXTRA	005	ELBOW 90° (80 N/B) SEAMLESS (SCHEDULE-40)				AA7242502	NA	NA			
							AA7242502160	NA	NA	2.05		
011	CUT TO SUIT ON ASSY.	004	32 N/B x 3000LG. (ERW PIPE)				AA7242502	NA	NA	11.37		
010	CUT TO SUIT ON ASSY.	003	80 N/B x 3000LG. (ERW PIPE)				AA10152	NA	NA	29.70		
017	CUT TO SUIT ON ASSY. INCLUDE 1 EXTRA	002	80 N/B PIPE ASSY. (ERW PIPE)				AA10152	NA	NA	15.94		
017	CUT TO SUIT ON ASSY. INCLUDE 1 EXTRA	001	80 N/B PIPE ASSY. (ERW PIPE)				AA10152	NA	NA	16.52		
59	VAR.00	REMARKS	VAR.01	ITEM NO.	DESCRIPTION	DRAWING NO.	34	MATL. CODE	35	UNIT	44	ZONE
60			VAR.02	ITEM NO.	DESCRIPTION	DRAWING NO.	34	MATL. SPECN.	35	QTY.	44	ZONE

[illegible]