

PRODUCTION INFORMATION PACKAGE - GENERAL SERVICE & FIRE SYSTEM PUMP No. 11									
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GENERAL SERVICE & FIRE PUMP- PUMP No. 11 - DOCUMENT LIST									
Document No.		REV	Document Name						
2639-AMS-E06-81311-SPL-0001-001		1	Piping Fabrication Spool Drawing - Spool 81311-SPL-0001						
2639-AMS-E06-81311-SPL-0002-001		1	Piping Fabrication Spool Drawing - Spool 81311-SPL-0002						
2639-AMS-E06-81311-SPL-0003-001		1	Piping Fabrication Spool Drawing - Spool 81311-SPL-0003						
2639-AMS-E06-81311-IN-0001-001		3	GENERAL SERVICE & FIRE PUMP – Pump No. 11 Installation						
2639-AMS-E06-81311-RM-0001-001		0	GENERAL SERVICE & FIRE PUMP – Pump No. 11 Removal						
2639-AMS-E06-26311-RN-0001-001		1	GENERAL SERVICE & FIRE PUMP – Pump No. 11 Renewal						
2639-AMS-E06-26311-PS-0001-001		0	GENERAL SERVICE & FIRE PUMP – Pump No. 11 Pipe Supports						
INSTALLATION MATERIALS									
Type	Description		Qty	Unit	Material Ref				
PUMP	PUMP P-11 GENERAL SERVICE & FIRE SYSTEM		1	ea	E0006-5				
FAB SPOOL	PIPE SPOOL 81311-SPL-0001-001		1	ea	NA				
FAB SPOOL	PIPE SPOOL 81311-SPL-0002-001		1	ea	NA				
FAB SPOOL	PIPE SPOOL 81311-SPL-0003-001		1	ea	NA				
GASKET	4" GASKET B16.21 CL150 FF 3mm THK DURLON 8300		1	ea	2639-E0006-13.17				
GASKET	6" GASKET B16.21 CL150 FF 3mm THK DURLON 8300		3	ea	2639-E0006-13.19				
GASKET	4" ISOLATION KIT EN 1092-1 PN16 3mm THK DURLON IGUARD 8500 TYPE E		1	kit	2639-E0006-13.14				
GASKET	5" ISOLATION KIT EN 1092-1 PN16 3mm THK DURLON IGUARD 8500 TYPE E		1	kit	2639-E0006-13.15				
BOLTS/NUTS	5/8"x3-3/4" LG HEX BOLT B18.2.1 ASTM A193 GR 5, ZINC PLATED C/W HVY HEX NUT B18.2.2 ASTM A194 GR 5 ZINC PLATED		8	ea					
BOLTS/NUTS	3/4"x4 1/4"LG HEX BOLT B18.2.1 ASTM A193 GR 5, ZINC PLATED C/W HVY HEX NUT B18.2.2 ASTM A194 GR 5 ZINC PLATED		24	ea					
BOLTS/NUTS	M16x85mm LG HEX BOLT EN1515-4 EN ISO 898-1 GR 5 ZINC PLATED C/W HVY HEX NUT EN 20898-2 GR 5 ZINC PLATED		16	ea					
BOLTS/NUTS	M20x65mm LG HEX BOLT ASME B18.2.3.5M ASTM A449 TYPE 1 GR 5 ZINC PLATED C/W HVY HEX NUT ASME B18.2.4.1M ASTM A536 GR 5 ZINC PLATED AND 2 FLAT WASHERS ASME B18.22M ASTM F844 GR 5 ZINC PLATED		3	ea					
FITTING	ADAPTER THRD 3/4"BSPP(M)x3/4"NPT(F) HEX, ASME B1.20.3, 316 SS, C/W SEAL RINGS (McMASTER CARR P/N 4822T352 OR EQ.)		2	ea					
FITTING	ADAPTER THRD 3/8"BSPP(M)x3/8"NPT(F) HEX, ASME B1.20.3, 316 SS, C/W SEAL RINGS (McMASTER CARR P/N 4822T344 OR EQ.)		1	ea					
FITTING	PLUG PIPE THRD 3/4"NPT SQR HEAD HEX, ANSI/MSS SP-114, ASTM A351, 316 SS, (McMASTER CARR P/N 4452K125 OR EQ.)		2	ea					
FITTING	PLUG PIPE THRD 3/8"NPT SQR HEAD HEX, ANSI/MSS SP-114, ASTM A351, 316 SS, (McMASTER CARR P/N 4452K123 OR EQ.)		1	ea					
FOUNDATION RENEWAL MATERIALS									
Type	Description		Qty	Unit	Material Ref				
PLATE	12mm PLATE, CARBON STEEL, GRADE A		188	kg					
FLAT BAR	50x12 FLAT BAR, CARBON STEEL, GRADE A		25	kg					
PIPE FABRICATION MATERIALS									
Type	Description		Qty	Unit	Material Ref				
FITTING	150mm ELBOW 45DEG ANSI B16.9 BW SCH80 ASTM A234 WPB		3	ea					
FITTING	100mm ELBOW 90DEG LR ANSI B16.9 BW SCH80 ASTM A234 WPB		2	ea	2639-E0006-13.2				
FITTING	150mmx125mm REDU ECC ANSI B16.9 BW SCH80 ASTM A234 WPB		1	ea	2639-E0006-13.22				
FITTING	150mmx20mm SOCKOLET MSS SP-97 CL3000 ASME B16.11 SW ASTM A105		1	ea	2639-E0006-13.1				
FITTING	20mm NIPPLE PBE, SCH 80, ASTM A106 GR.B5, 4" LG		1	ea					
FITTING	20mm COUPLING FULL ANSI B16.11 SW x NPT CL3000 ASTM A105		1	ea					
FITTING	20mm PLUG HEX HEAD NPT ANSI B16.11 ASTM A105		1	ea					
FLANGE	100mm FLANGE SO ANSI B16.5 CL150 FF ASTM A105		2	ea	2639-E0006-13.9				
FLANGE	150mm FLANGE SO ANSI B16.5 CL150 FF ASTM A105		3	ea	2639-E0006-13.11				
FLANGE	100mm FLANGE SO EN 1092-1 TYPE 1 FF PN16 ST 37.2		1	ea	2639-E0006-13.6				
FLANGE	125mm FLANGE SO EN 1092-1 TYPE 1 FF PN16 ST 37.2		1	ea	2639-E0006-13.7				
PIPE	100mm PIPE ASME B36.10M PE SMLS SCH80 ASTM A106 GR.B		0.9	m	2639-E0006-13.26				
PIPE	150mm PIPE ASME B36.10M PE SMLS SCH80 ASTM A106 GR.B		2.1	m	2639-E0006-13.28				
PIPE SUPPORT MATERIALS									
TYPE	DESCRIPTION		QTY	UNITS	MATERIAL REF				
ANGLE	76x51x9.5 ANGLE, GRADE A		0.355	m					
ANGLE	76x76x9.5 ANGLE, GRADE A		0.358	m					
ANGLE	76x76x9.5 ANGLE, GRADE A		0.25	m					
HARDWARE	U-BOLT 4in W/4 HEX NUTS ZINC PLATED		1	ea					
NOTES:									
1. THESE QUANTITIES ARE EXACT QUANTITIES FOR DRAWINGS IN THIS PUMP PACKAGE.									
2. EXISTING VALVES AND PIPING COMPONENTS TO BE RE-USED LISTED FOR REFERENCE.									
3. AN UNCONTROLLED EXCEL VERSION OF THESE MATERIAL LISTS WILL ALSO BE PROVIDED TO THE CLIENT.									
4. ALL MISSING MATERIAL REF. NO.S TO BE UPDATED BY CDCI IF NEEDED									
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AMS Adaptive Marine Solutions Inc.									
DAVIE									
DRAWING TITLE: GENERAL SERVICE & FIRE SYSTEM PUMP No. 11 PRODUCTION INFO PACKAGE									
PROJECT NO.: 2639			JOB SPEC. NO.: E06			DATE (YY/MM/DD): 2022-03-09			
DRAWN BY: MB			CHECKED BY: RS			APPROVED BY: TB			
DRAWING NO.: 2639-AMS-E06-81311-PIP-0001-001									
REV. 2									
REVISION HISTORY									
REV	DATE (YY/MM/DD)	DESCRIPTION			DWN	CHK	APP	REFERENCE DRAWINGS	
2	2022-04-11	RE-ISSUED FOR CONSTRUCTION			MB	RS	TB		
1	2022-03-25	RE-ISSUED FOR CONSTRUCTION			MB	RS	TB		
0	2022-03-09	ISSUED FOR CONSTRUCTION			MB	RS	TB		
1 2 3 4 5 6 7 8									