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1 PPR_ASTS_TOWN FOR ASSET BASE RISE STATE 1 1 1 1 1 1 1 1 1	
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90 ELBOW IR MY AGON WP304 SML5 SCH40S 3 SIP4EB-37X00 5 1 AND SIP LANCES FLANCES 7 FLANCE W1 1508 FC A152-F304 SCH40S BORE 3 SIP4FRWN-3' 3 ASME B16.5 1 FLANCE W1 1508 FC A152-F304 SCH40S BORE 1.1/2 SIP4FRSW-1.1/2' 1 2 SIP4FRSW-1.1/2' 1 2 SIP4FRSW-1.1/2' 1 2 SIP4FRSW-1.1/2' 1 COMPONENT DESCRIPTION N.S. (INS) GASKET 1508 FC 4.5 MM THICK 304SS SPIRAL W0 NOW WCRAPHITE FLLER WISSSIP OUTER W1 W0 NOW WCRAPHITE FLLER W1	
FLANGE WI 160# RF A182-F304 SCH40S BORE 3 S1P4FRWI-3" 3 ASSES BIT SEED TO MATERIALS FLANGE SW 160# RF A182-F304 SCH40S BORE 3 S1P4FRWI-1/2" 1 ASSESSED TO MATERIALS FROM DOWN TO COMPONENT DESCRIPTION N.S. (ITEM CODE OTY NO. 100 BCL 1-1/2 S1P4FRSW-1-1/2" 1 ASSESSED TO MATERIALS FOR COMPONENT DESCRIPTION N.S. (ITEM CODE OTY NO. 100 BCL 1-1/2 S1P4FRSW-1-1/2" 1 ASSESSED TO MATERIALS FOR COMPONENT DESCRIPTION N.S. (ITEM CODE OTY NO. 100 BCL 1-1/2 S1P4FRSW-1-1/2" 1 ASSESSED TO MATERIALS FOR COMPONENT DESCRIPTION N.S. (ITEM CODE OTY NO. 100 BCL 1-1/2 S1P4FRSW-1-1/2" 1 ASSESSED TO MATERIALS FOR COMPONENT DESCRIPTION N.S. (ITEM CODE OTY NO. 100 BCL 1-1/2 S1P4FRSW-1-1/2" 1 ASSESSED TO MATERIALS FOR COMPONENT DESCRIPTION N.S. (ITEM CODE OTY	
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## FLANCES W/ 150# RF A182-F304 SCH40S BORE 1.1/2 S1P4/FRSW-1.1/2' 1 ## COMPONENT DESCRIPTION N.S. ITEM CODE OTY OGASKET 150# RF 4.5 MM THICK 304SS SPIRAL N.S. N.S. ITEM CODE OTY	
ERECTION MATERIALS PT COMPONENT DESCRIPTION N.S. (INS) ITEM CODE OTY GASKET S GASKET S GASKET 1508 FR 4.5 MM THICK 204SS SPIRAL WOUND WIGRAPHITE FILLER WISS304 OUTER RING ASME B16 20816.5 10 GASKET 1508 FR 4.5 MM THICK 204SS SPIRAL WOUND WIGRAPHITE FILLER WISS304 OUTER RING ASME B16 20816.5 BOLTS BOLTS 11 STUD BOLT A193 GR B BW WITHO HEX. HEAD HEAVY NUTL A194 GR B ASME B1.1 B18 2.2 VALVES / IN-LINE ITEMS 12 S14/BS4-1/2'X99L 4 4 VALVES / IN-LINE ITEMS	
PT COMPONENT DESCRIPTION N.S. ITEM CODE OTY GASKETS GASKETS GASKET 1509 RF 4 5 MM THICK 304SS SPRAL 3 SIP4/GR-3* 3 SIP4/GR-3* 3 SIP4/GR-3* 3 SIP4/GR-3* 3 SIP4/GR-3* 1 SIP4/GR-3* 1 SIP4/GR-1-1/2* 1 SIP4/GR-1-	
PT COMPONENT DESCRIPTION N.S. (INS) ITEM CODE QTY GASKETS 9 GASKET 150# RF 4.5 MM THICK 304SS SPIRAL NOUND WIGRAPHITE FILLER WISS304 OUTER RING ASME 916 20/916.5 10 GASKET 150# RF 4.5 MM THICK 304SS SPIRAL NOUND WIGRAPHITE FILLER WISS304 OUTER RING ASME 916 20/916.5 BOLTS BOLTS BOLTS 11 STUD BOLT A193 GR 88 W/TWO HEX. HEAD HEAVY NUT A194 GR 8.4 SME B1.1 B18.2.2 YALVES / IN-LINE ITEMS FS17-1-0308 FFS17-1-0308	
GASKET 150# RF 4.5 MM THICK 304SS SPIRAL 3 S1P4/GR-3" 3 WOUND W/GRAPHITE FILLER W/SS304 OUTER RING ASME B 16 20/816.5 EL. +4245 10 GASKET 150# RF 4.5 MM THICK 304SS SPIRAL NOUND W/GRAPHITE FILLER W/SS304 OUTER RING ASME B 16.20/816.5 EL. +4245 11 STUD BOLT A193 GR.8 & S1P4/GR-1.1/2" 1 WIND HOLL A193 GR.8 & SME 81.1 B 16.2.2 VALVES / IN-LINE ITEMS 12 STUD BOLT A193 GR.8 & SME 81.1 B 18.2.2 VALVES / IN-LINE ITEMS	
9 GASKET 150# RF 4.5 MM THICK 304\$S SPIRAL 3 S1P4/GR-3" 3 WOUND WIGNAPHITE FILLER WISS304 OUTER RING ASME Bit 201816.5 EL. +4245 10 GASKET 150# RF 4.5 MM THICK 304\$S SPIRAL WOUND WIGNAPHITE FILLER WISS304 OUTER RING ASME Bit 201816.5 EL. +4245 11 STUD BOLT A193 GR.B8 W/ TWO HEX HEAD HEAVY NUT A194 GR.S ASME Bit. 1818.22 12 STUD BOLT A193 GR.B8 W/ TWO HEX HEAD HEAVY NUT A194 GR.S ASME Bit. 1818.22 VALVES / IN-LINE ITEMS RING ASME Bit. 1818.2.2 VALVES / IN-LINE ITEMS	
WOUND Wigraphitte Filler wiss304 Outer RING ASME B16,20/B16,5 10 GASKET 150# RF 4.5 MM THICK 304SS SPIRAL WOUND Wigraphitte Filler wiss304 Outer RING ASME B16,20/B16.5 80LTS BOLTS 11 STUD BOLT A193 GR.B8 W/ TWO HEX. HEAD HEAVY NUT A194 GR.8 ASME B1.1 B18.2.2 12 STUD BOLT A193 GR.B8 W/ TWO HEX. HEAD HEAVY NUT A194 GR.8 ASME B1.1 B18.2.2 13 STUD BOLT A193 GR.B8 W/ TWO HEX. HEAD HEAVY NUT A194 GR.8 ASME B1.1 B18.2.2 14 VALVES / IN-LINE ITEMS 15 S17 US S17	
10 GASKET 150# RF 4.5 MM THICK 304SS SPIRAL 1.1/2 S1P4/GR-1.1/2" 1 WOUND W/GRAPHITE FILLER W/SS304 OUTER RING ASME B16.20/B16.5 BOLTS 11 STUD BOLT A193 GR.B8 W/ TWO HEX. HEAD HEAVY NUT A194 GR.8 ASME B1.1 B18.2.2 1/2 S1P4/BS4-1/2"X90L 4 HEAVY NUT A194 GR.8 ASME B1.1 B18.2.2 1/2 S1P4/BS4-1/2"X90L 4 VALVES / IN-LINE ITEMS 10 GASKET 150# RF 4.5 MM THICK 304SS SPIRAL 1.1/2 S1P4/GR-1.1/2" 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
RING ASME B16.20/B16.5 BOLTS 11 STUD BOLT A193 GR.B8 W/ TWO HEX. HEAD HEAVY NUT A194 GR.8 ASME B1.1 B18.2.2 12 STUD BOLT A193 GR.B8 W/ TWO HEX. HEAD HEAVY NUT A194 GR.8 ASME B1.1 B18.2.2 13 STUD BOLT A193 GR.B8 W/ TWO HEX. HEAD HEAVY NUT A194 GR.8 ASME B1.1 B18.2.2 VALVES / IN-LINE ITEMS 6	
11 STUD BOLT A193 GR.B8 W/ TWO HEX. HEAD 5/8 S1P4/BS4-5/8"X95L 12 HEAVY NUT A194 GR.8 ASME B1.1 B18.2.2 12 STUD BOLT A193 GR.B8 W/ TWO HEX. HEAD 1/2 S1P4/BS4-1/2"X90L 4 HEAVY NUT A194 GR.8 ASME B1.1 B18.2.2 VALVES / IN-LINE ITEMS UBG-3 PO1-150 1	
11 STUD BOLT A193 GR.88 W/ TWO HEX. HEAD HEAVY NUT A194 GR.8 ASME B1.1 B18.2.2 12 STUD BOLT A193 GR.88 W/ TWO HEX. HEAD HEAVY NUT A194 GR.8 ASME B1.1 B18.2.2 13 STUD BOLT A193 GR.88 W/ TWO HEX. HEAD HEAVY NUT A194 GR.8 ASME B1.1 B18.2.2 14 STUD BOLT A193 GR.88 W/ TWO HEX. HEAD HEAVY NUT A194 GR.8 ASME B1.1 B18.2.2 15 STUD BOLT A193 GR.88 W/ TWO HEX. HEAD HEAVY NUT A194 GR.8 ASME B1.1 B18.2.2 16 STUD BOLT A193 GR.88 W/ TWO HEX. HEAD HEAVY NUT A194 GR.8 ASME B1.1 B18.2.2 17 STUD BOLT A193 GR.88 W/ TWO HEX. HEAD HEAVY NUT A194 GR.8 ASME B1.1 B18.2.2 18 STUD BOLT A193 GR.88 W/ TWO HEX. HEAD HEAVY NUT A194 GR.8 ASME B1.1 B18.2.2 19 STUD BOLT A193 GR.88 W/ TWO HEX. HEAD HEAVY NUT A194 GR.8 ASME B1.1 B18.2.2 19 STUD BOLT A193 GR.88 W/ TWO HEX. HEAD HEAVY NUT A194 GR.8 ASME B1.1 B18.2.2 19 STUD BOLT A193 GR.88 W/ TWO HEX. HEAD HEAVY NUT A194 GR.8 ASME B1.1 B18.2.2 19 STUD BOLT A193 GR.88 W/ TWO HEX. HEAD HEAVY NUT A194 GR.8 ASME B1.1 B18.2.2 19 STUD BOLT A193 GR.88 W/ TWO HEX. HEAD HEAVY NUT A194 GR.8 ASME B1.1 B18.2.2 19 STUD BOLT A193 GR.88 W/ TWO HEX. HEAD HEAVY NUT A194 GR.8 ASME B1.1 B18.2.2 19 STUD BOLT A193 GR.88 W/ TWO HEX. HEAD HEAVY NUT A194 GR.8 ASME B1.1 B18.2.2 19 STUD BOLT A193 GR.88 W/ TWO HEX. HEAD HEAVY NUT A194 GR.8 ASME B1.1 B18.2.2 19 STUD BOLT A193 GR.88 W/ TWO HEX. HEAD HEAVY NUT A194 GR.8 ASME B1.1 B18.2.2 19 STUD BOLT A193 GR.88 W/ TWO HEX. HEAD HEAVY NUT A194 GR.88 ASME B1.1 B18.2.2 19 STUD BOLT A193 GR.88 W/ TWO HEX. HEAD HEAVY NUT A194 GR.88 ASME B1.1 B18.2.2 19 STUD BOLT A193 GR.88 W/ TWO HEX. HEAD HEAVY NUT A194 GR.88 ASME B1.1 B18.2.2 19 STUD BOLT A193 GR.88 W/ TWO HEX. HEAD HEAVY NUT A194 GR.88 ASME B1.1 B18.2.2 19 STUD BOLT A193 GR.88 W/ TWO HEX. HEAD HEAVY NUT A194 GR.88 ASME B1.1 B18.2.2 19 STUD BOLT A193 GR.88 W/ TWO HEX. HEAD HEAVY NUT A194 GR.88 ASME B1.1 B18.2.2 19 STUD BOLT A193 GR.88 W/ TWO HEX. HEAD HEAVY NUT A194 GR.88 ASME B1.1 B18.2.2	\sim
HEAVY NUT A194 GR.8 ASME B1.1 B18.2.2 VALVES / IN-LINE ITEMS F7 G9 B11	$\overline{}$
VALVES / IN-LINE ITEMS F7 G9 B11 17	
	103
13 BALL 150# RF A351-CF8/304SS+PTFE FULL PORT 3 S1P4/VA-3"-4144 1 FIRE SAFE WRENCH OPER. ASME B16.34 1 14 MM	-
INSTRUMENTS INSTRUMENTS	x1.1/2"NS
14 RELIEF VALVE 150# RF RV 17103 3 x 1.1/2 1	
SUPPORTS EL.+2310 114	
15 U-BOLT (UBG-3) 3 SUP/UBG-3" 1 16 AUXILIARY SUPPORT (AS1-1A-0304) 3 SUP/AS1-1A-3" 1	011 4444
17 PLATFORM OPENING (PO1-150) 3 SUP/PO1-3" 1 18 FIELD SUPPORT (FS17-1-0308) 3 SUP/FS17-1-3" 1 19 PIPE SHOE (S1) 3 SUP/S1-3" 1	5"-4144
20 SUPPORT REINFORCING PAD (SRP-3) 3 SUP/SRP-3" 1 21 PIPE SHOE (S1) 2 SUP/SRP-3" 2 SUP/SRP-3" 1	
22 SUPPORT REINFORCING PAD (SRP-2) 2 SUP/SR-2" 2 SUP/G5-1-2" 1 EL.+2101	
CUT PIPE LENGTH FOR REFERENCE ONLY 3"NS 3"x3"NS 3"x3"NS	
PIECE CUT N.S. REMARKS PIECE CUT N.S. REMARKS	
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FOR CONSTRUCTION	
SEP. 12, 2025	
Telephone	
NI-17134-	3"-S1P4
□ 管件序號 <1>直管編號 [1] 管段編號 資料庫 工廠焊接 套焊 螺紋銜接 配合現場焊接 配合現場接合點 管支撑 蒸汽追蹤管	。 鳥勝化學科技股份有限公司
& 須設計會驗管線 名稱 · · · · · · · · · · · · · · · · · ·	-shine Advanced Chemicals Ltd.
★作壓力: 6.5/1.5 ^{KC} /M² G 操作溫度: AMB *C 管線等級: S1P4 製 圖 胡庭瑋 2025.04.21 會 富仁	了工程股份有限公司
7 2020.00.12 Reviole For Some most intermination in Figure 1. Some of the first intermination in Figure 1. Some	
<u>↑</u> 2025.07.03 FOR CONSTRUCTION 林信助 陳逢明 試驗基準: Air 9.9 KG/CM² G X 60 分 熱追縱等級: 審 核 陳安誠 2025.04.21 資 滿尾一期 產廠工程	TAI ENGINEERING CO., LTD.
	管線工程 3
	管線工程 3 立體配管圖 4