_	FABRICATION MATERIALS				N		流水號:142
PT NO	COMPONENT DESCRIPTION	N.S. (INS)	ITEM CODE	QTY	$\overline{\mathcal{N}}$		W. 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
—	PIPE	<del>( '')</del>					
1	PIPE A312-TP304 EFW SCH10S BE ASME B36.19M	6	S1P1/P-6"-10S	0.5M			
2	PIPE A312-TP304 EFW SCH40S PE ASME B36.19M PIPE A312-TP304 EFW SCH40S PE ASME B36.19M		S1P1/P-1"-40S S1P1/P-3/4"-40S	0.2M 0.1M			
	PIPE A312-TP304 EFW SCH40S PE ASME B36.19M		S1P1/P-1/2"-40S	0.1M			
	FITTINGS						
5 6	SOCKOLET 3000# SW A182-F304 MSS SP-97 SOCKOLET 3000# SW A182-F304 MSS SP-97		S1P1/SOL-6"X1" S1P1/SOL-6"X3/4"	1			
7 8	SOCKOLET 3000# SW A182-F304 MSS SP-97 45 ELBOW LR BW A403-WP304 WELD SCH10S	6 x 1/2	S1P1/SOL-6"X1/2" S1P1/EB-6"X45	1			
9	ASME B16.9 90 ELBOW LR BW A403-WP304 WELD SCH10S		S1P1/EB-6"X90	1		PG	
9	ASME B16.9	0	31F1/EB-0 A90	'		TG 26 21212	
	FLANGES					25 \21213	+20095
10	FLANGE WN 150# RF A182-F304 SCH10S BORE ASME B16.5	6	S1P1/FRWN-6"	2		400	24
11	FLANGE SW 150# RF A182-F304 SCH40S BORE ASME B16.5	1	S1P1/FRSW-1"	1	F11	26	+19983 S1P1/VA-1/2"-4144 VALVE STEM E 45 N
2	FLANGE SW 150# RF A182-F304 SCH40S BORE	3/4	S1P1/FRSW-3/4"	2		-<9>2 F13 G18 B22	>4
13	ASME B16.5 FLANGE SW 150# RF A182-F304 SCH40S BORE	1/2	S1P1/FRSW-1/2"	1		7	
	ASME B16.5				CONN. TO FI +20096	5 6"x1/2"NS	F10 G16 B19
	ERECTION MATERIALS				E-2121/S1 & F10 G16 B20	6"x1"NS	45° CONT. FROM
PT	COMPONENT DESCRIPTION	NO	ITEM CODE	OTV	N 7/713 Z \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	151	15 6"15
10	COMPONENT DESCRIPTION	N.S. (INS)	ITEM CODE	QTY	EL.+20100 (20 <11>1		
	FITTINGS				9 19 29		184
14	NIPPLE (L=100MM) TOE(NPT) A312-TP304 SMLS SCH80S ASME B36.19M	3/4	S1P1/NIP-3/4"X100LXTOE	1			8
5		3/4	S1P1/CT-3/4"	1	80 (b) 6"x3/4"NS		45°
	GASKETS				2	1.10575	
6	GASKET 150# RF 4.5 MM THICK 304SS SPIRAL	6	S1P1/GR-6"	2	<10>3	L.+19575	
_	WOUND W/GRAPHITE FILLER W/SS304 OUTER RING ASME B16.20/B16.5				F12 G17 B21	8	
	GASKET 150# RF 4.5 MM THICK 304SS SPIRAL WOUND WIGRAPHITE FILLER W/SS304 OUTER	3/4	S1P1/GR-3/4"	2	3/		
	RING ASME B16.20/B16.5 GASKET 150# RF 4.5 MM THICK 304SS SPIRAL	1/2	S1P1/GR-1/2"	1	117/		
	WOUND W/GRAPHITE FILLER W/SS304 OUTER RING ASME B16.20/B16.5				EL.+19453/14 24	H	
	BOLTS				105		
	STUD BOLT A193 GR.B8 W/TWO HEX. HEAD	3/4	S1P1/BS4-3/4"X170L	8	DRAIN EL.+1934	4	
0	HEAVY NUT A194 GR.8 ASME B1.1 B18.2.2 STUD BOLT A193 GR.B8 W/ TWO HEX. HEAD	3/4	S1P1/BS4-3/4"X105L	8	, ,	F12 G17 B21	
	HEAVY NUT A194 GR.8 ASME B1.1 B18.2.2 STUD BOLT A193 GR.B8 W/ TWO HEX. HEAD	1/2	S1P1/BS4-1/2"X65L	8			
2	HEAVY NUT A194 GR.8 ASME B1.1 B18.2.2 STUD BOLT A193 GR.B8 W/ TWO HEX. HEAD	1/2	S1P1/BS4-1/2"X60L	4			
	HEAVY NUT A194 GR.8 ASME B1.1 B18.2.2						
	VALVES / IN-LINE ITEMS  BALL 150# RF A351-CF8/304SS+PTFE FULL PORT	3/4	\$1D1\(\)\(\)\(\) 2\(\)\"\(\) 44.44	1			
22	DALL 100# NF A301-UF0/30455+P1FE FULL PORT		S1P1/VA-3/4"-4144	-			
	FIRE SAFE WRENCH OPER. ASME B16.34	1//	S1P1/VA-1/2"-4144	1			
23 24	FIRE SAFE WRENCH OPER. ASME B16.34 BALL 150# RF A351-CF8/304SS+PTFE FULL PORT FIRE SAFE WRENCH OPER. ASME B16.34	1/2					
	BALL 150# RF A351-CF8/304SS+PTFE FULL PORT	112					
	BALL 150# RF A351-CF8/304SS+PTFE FULL PORT FIRE SAFE WRENCH OPER. ASME B16.34	1 1/2		1 1		_	
24 25	BALL 150# RF A351-CF8/304SS+PTFE FULL PORT FIRE SAFE WRENCH OPER. ASME B16.34  INSTRUMENTS  TEMPERATURE GAUGE 150# RF TG 21213	1				Г	FOR CONSTRUCTION
24 25	BALL 150# RF A351-CF8/304SS+PTFE FULL PORT FIRE SAFE WRENCH OPER. ASME B16.34  INSTRUMENTS  TEMPERATURE GAUGE 150# RF TG 21213	1					
24 25 26	BALL 150# RF A351-CF8/304SS+PTFE FULL PORT FIRE SAFE WRENCH OPER. ASME B16.34  INSTRUMENTS  TEMPERATURE GAUGE 150# RF TG 21213 PRESSURE GAUGE 150# RF PG 21212  CUT PIPE LENGTH FOR REFERENCE ONLY  E CUT N.S. REMARKS PIECE	1 1/2 CUT N.S.	s. REMARKS				FOR CONSTRUCTION JUL. 04, 2025
25 26 PIECI NO <8>	BALL 150# RF A351-CF8/304SS+PTFE FULL PORT FIRE SAFE WRENCH OPER. ASME B16.34  INSTRUMENTS  TEMPERATURE GAUGE 150# RF TG 21213 PRESSURE GAUGE 150# RF PG 21212  CUT PIPE LENGTH FOR REFERENCE ONLY  E CUT N.S. REMARKS PIECE LENGTH (INS) NO 100 1/2 <9>	1 1/2 CUT N.S. LENGTH (INS 126 1	s. REMARKS				
24 25 26 PIECI NO	BALL 150# RF A351-CF8/304SS+PTFE FULL PORT FIRE SAFE WRENCH OPER. ASME B16.34  INSTRUMENTS  TEMPERATURE GAUGE 150# RF TG 21213 PRESSURE GAUGE 150# RF PG 21212  CUT PIPE LENGTH FOR REFERENCE ONLY  E CUT N.S. REMARKS PIECE LENGTH (INS) NO 100 1/2 <9>	1 1/2 CUT N.S. LENGTH (INS	s. REMARKS				JUL. 04, 2025
24 25 26 PIECI NO <8>	BALL 150# RF A351-CF8/304SS+PTFE FULL PORT FIRE SAFE WRENCH OPER. ASME B16.34  INSTRUMENTS  TEMPERATURE GAUGE 150# RF TG 21213 PRESSURE GAUGE 150# RF PG 21212  CUT PIPE LENGTH FOR REFERENCE ONLY  E CUT N.S. REMARKS PIECE LENGTH (INS) NO 100 1/2 <9>	1 1/2 CUT N.S. LENGTH (INS 126 1	s. REMARKS				<b>JUL. 04, 2025</b> 管線編號
24 25 26 PIECI NO <8>	BALL 150# RF A351-CF8/304SS+PTFE FULL PORT FIRE SAFE WRENCH OPER. ASME B16.34  INSTRUMENTS  TEMPERATURE GAUGE 150# RF TG 21213 PRESSURE GAUGE 150# RF PG 21212  CUT PIPE LENGTH FOR REFERENCE ONLY  E CUT N.S. REMARKS PIECE LENGTH (INS) NO 100 1/2 <9>	1 1/2 CUT N.S. LENGTH (INS 126 1	s. REMARKS				<b>JUL. 04, 2025</b> 管線編號 CW-21205-6"-S1P1
24 25 26 PIECI NO <8>	BALL 150# RF A351-CF8/304SS+PTFE FULL PORT FIRE SAFE WRENCH OPER. ASME B16.34  INSTRUMENTS  TEMPERATURE GAUGE 150# RF TG 21213 PRESSURE GAUGE 150# RF PG 21212  CUT PIPE LENGTH FOR REFERENCE ONLY  E CUT N.S. REMARKS PIECE LENGTH (INS) NO 100 1/2 <9>	1 1/2 CUT N.S. LENGTH (INS 126 1	s. REMARKS			[蘇焊接 套焊 螺紋銜接 配合現場焊接 配合現場接合點 管支撑 蒸汽造器	JUL. 04, 2025 管線編號 CW-21205-6"-S1P1  ## 3.
25 26 PIECI NO <8> <10>	BALL 150# RF A351-CF8/304SS+PTFE FULL PORT FIRE SAFE WRENCH OPER. ASME B16.34  INSTRUMENTS  TEMPERATURE GAUGE 150# RF TG 21213 PRESSURE GAUGE 150# RF PG 21212  CUT PIPE LENGTH FOR REFERENCE ONLY  E CUT N.S. REMARKS PIECE LENGTH (INS) NO 100 1/2 <9>	1 1/2 CUT N.S. LENGTH (INS 126 1	s. REMARKS		& 須設計會驗管線 名稱 · · · · · · · · · · · · · · · · · ·	「麻焊接 ・套焊 螺紋銜接 配合現場焊接 配合現場接合點 管支撑 蒸汽油 B	JUL. 04, 2025 管線編號 CW-21205-6"-S1P1  ##  Golding
24 25 26 PIECI NO <8> <10>	BALL 150# RF A351-CF8/304SS+PTFE FULL PORT FIRE SAFE WRENCH OPER. ASME B16.34  INSTRUMENTS  TEMPERATURE GAUGE 150# RF TG 21213 PRESSURE GAUGE 150# RF PG 21212  CUT PIPE LENGTH FOR REFERENCE ONLY  E CUT N.S. REMARKS PIECE LENGTH (INS) NO 100 1/2 <9>	1 1/2 CUT N.S. LENGTH (INS 126 1	s. REMARKS		处 須設計會驗管線       名稱         操作壓力: 4       KC <sub>CM</sub> ² G 操作溫度: 33       ℃ 管線等級: S1P1	「原焊接 套焊 螺紋銜接 配合現場焊接 配合現場接合點 管支撑 蒸汽油路 ・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・	TUL. 04, 2025  管線編號 CW-21205-6"-S1P1  (B)
24 25 26 PIECI NO <8> <10>	BALL 150# RF A351-CF8/304SS+PTFE FULL PORT FIRE SAFE WRENCH OPER. ASME B16.34  INSTRUMENTS  TEMPERATURE GAUGE 150# RF TG 21213 PRESSURE GAUGE 150# RF PG 21212  CUT PIPE LENGTH FOR REFERENCE ONLY  E CUT N.S. REMARKS PIECE LENGTH (INS) NO 100 1/2 <9> 100 3/4 <11>	1 1/2 CUT N.S. LENGTH (INS 126 1	s. REMARKS S)	1	处 須設計會驗管線       名稱         操作壓力: 4       KG/CM² G 操作溫度: 33       ℃ 管線等級: S1P1         設計壓力: 8       KG/CM² G 設計溫度: 120       ℃ 保溫(冷)等級:	原焊接   套焊 螺紋銜接 配合現場焊接 配合現場接合點 管支撑 蒸汽道路   一	TUL. 04, 2025  管線編號 CW-21205-6"-S1P1  (B)
24  25 26  PIECI NO <8> <10>	BALL 150# RF A351-CF8/304SS+PTFE FULL PORT FIRE SAFE WRENCH OPER. ASME B16.34  INSTRUMENTS  TEMPERATURE GAUGE 150# RF TG 21213 PRESSURE GAUGE 150# RF PG 21212  CUT PIPE LENGTH FOR REFERENCE ONLY  E CUT N.S. REMARKS PIECE LENGTH (INS) NO 100 1/2 <9> 100 3/4 <11> 2025.07.03 FOR CONSTRUCTION	1 1/2 CUT N.S. LENGTH (INS 126 1	s. REMARKS S) 鄧基宏	東逢明	处 須設計會驗管線       名稱         操作壓力: 4       KCM² G 操作溫度: 33       ℃ 管線等級: S1P1         設計壓力: 8       KCM² G 設計溫度: 120       ℃ 保溫(冷)等級:         試驗基準: Air       8.8       KCM² G X 60       分 熱追縱等級:	原焊接   套焊   螺紋銜接   配合現場焊接   配合現場接合點   管支撑   蒸汽油器   金   一	TUL. 04, 2025  管線編號 CW-21205-6"-S1P1  WE
25 26 PIECI NO <8> <10>	BALL 150# RF A351-CF8/304SS+PTFE FULL PORT FIRE SAFE WRENCH OPER. ASME B16.34  INSTRUMENTS  TEMPERATURE GAUGE 150# RF TG 21213 PRESSURE GAUGE 150# RF PG 21212  CUT PIPE LENGTH FOR REFERENCE ONLY  E CUT N.S. REMARKS PIECE LENGTH (INS) NO 100 1/2 <9> 100 3/4 <11> 2025.07.03 FOR CONSTRUCTION  2025.04.21 FOR APPROVAL	1 1/2 CUT N.S. LENGTH (INS 126 1	s. REMARKS S)	1	处 須設計會驗管線       名稱         操作壓力: 4       KGCM² G 操作溫度: 33       ℃ 管線等級: S1P1         受計壓力: 8       KGCM² G 設計溫度: 120       ℃ 保溫(冷)等級:         試驗基準: Air       8.8       KGCM² G X 60       分 熟追縱等級:         管路塗裝:       管材塗装       焊接基準:	原焊接   奈焊   螺紋銜接   配合現場焊接   配合現場接合點   管支撑   蒸汽油器   一一   一一   一一   一一   一一   一一   一一	TUL. 04, 2025  管線編號 CW-21205-6"-S1P1  ABB L學科技股份有限公司 E-shine Advanced Chemicals Ltd  富台工程股份有限公司 FU-TAI ENGINEERING CO., LTD