



NOTE.

1. 제작전 현장 실측&확인 후 도면과 상이한 경우 감독관 확인 후 제작 시공 할 것.

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|--------------|-------------|------|-------|------|------|----------------------------|---|
| | | | | | | SERVICE | |
| | | | | | | PIPE SPEC | FRP |
| | | | | | | OPER. / DESIGN PRESSURE | 2.0 kg/cm ² / 5.0 kg/cm ² |
| | | | | | | OPER. / DESIGN TEMPERATURE | 40 °C / 80 °C |
| | | | | | | P&ID DWG | - |
| | | | | | | INSULATION SPEC./ THK | BY VENDOR / 25 mm |
| | | | | | | NDT / PWHT / PAINTING | NA / NA / NA |
| FOR APPROVAL | 2022.05.31 | LYE | BHJ | JKT | | | |
| REV. | DESCRIPTION | DATE | DRAWN | CHKD | APPD | | |

| BILL OF MATERIALS | | | | | |
|------------------------------------|------|---------------|--|-------|--------|
| ID | QTY | ND | DESCRIPTION | | |
| 1 | 1.7M | 20A | PIPE FRP PE 4.8mm | | |
| 2 | 6.4M | 125A | PIPE FRP PE 4.8mm | | |
| 3 | 2.6M | 150A | PIPE FRP PE 4.8mm | | |
| 4 | 4 | 20A | CAP FRP PE 4.8mm | | |
| 5 | 2 | 20A | ELL 90 FRP PE 4.8mm | | |
| 6 | 1 | 125A | ELL 90 FRP PE 4.8mm | | |
| 7 | 2 | 150A | ELL 90 FRP PE 4.8mm | | |
| 8 | 3 | 150AX125A | REDUCER CONC PE 4.8mm | | |
| 9 | 2 | 20A | TEE FRP PE 4.8mm | | |
| 10 | 1 | 150A | TEE FRP PE 4.8mm | | |
| 11 | 2 | 125AX20A | NIPPLE FRP PE 4.8mm | | |
| 12 | 2 | 150AX20A | NIPPLE FRP PE 4.8mm | | |
| 13 | 10 | 20A | FLANGE ANSI 150# SO FF | | |
| 14 | 2 | 125A | FLANGE ANSI 150# SO FF | | |
| 15 | 4 | 125A | FLANGE ANSI 150# SO FF | | |
| 16 | 2 | 125A | FLANGE ANSI 150# SO FF | | |
| 17 | 8 | 150A | FLANGE ANSI 150# SO FF | | |
| 18 | 40 | M16X65L | STUD BOLT/ NUT SUS304 | | |
| 19 | 16 | M22X105L | STUD BOLT/ NUT SUS304 | | |
| 20 | 48 | M22X105L | STUD BOLT/ NUT SUS304 | | |
| 21 | 32 | M22X105L | STUD BOLT/ NUT SUS304 | | |
| 22 | 24 | M22X105L | STUD BOLT/ NUT SUS304 | | |
| 23 | 10 | 20A | GASKET ANSI 150# PTFE+RUBBER 3" TH'K. | | |
| 24 | 2 | 125A | GASKET ANSI 150# PTFE+RUBBER 3" TH'K. | | |
| 25 | 6 | 125A | GASKET ANSI 150# PTFE+RUBBER 3" TH'K. | | |
| 26 | 8 | 150A | GASKET ANSI 150# PTFE+RUBBER 3" TH'K. | | |
| 27 | 6 | 20A | BALL VALVE, FLANGED ANSI 150# FULL BORE | | |
| 28 | 2 | 125A | BALL VALVE, FLANGED ANSI 150# FULL BORE | | |
| 29 | 2 | 150A | CHECK VALVE, FLANGED ANSI 150# FULL BORE | | |
| 30 | 2 | 150A | BUTTERFLY VALVE, FLANGED ANSI 150# FULL BORE | | |
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| 시행청: 수원시 | | | | | |
| 사업시행자: 수원그린환경(주) | | | | | |
| DRAWING NUMBER: 1038-수세정탑PUMPDISCH | | | | | |
| LINE NO: 1038-수세정탑PUMPDISCH | | AREA: | UNIT: | TYPE: | |
| JOB NUMBER: | | SCALE: N.T.S. | SHEET: 1 OF 1 | | REV. A |