

| REVISIONS | | | | |
|-----------|------------------------------------|----------|----------|----------|
| REV. | DESCRIPTION | ECO # | DATE | APPROVED |
| D2 | ADDED SPARES AND REPAIR KIT TABLES | 2014-443 | 10/13/14 | |

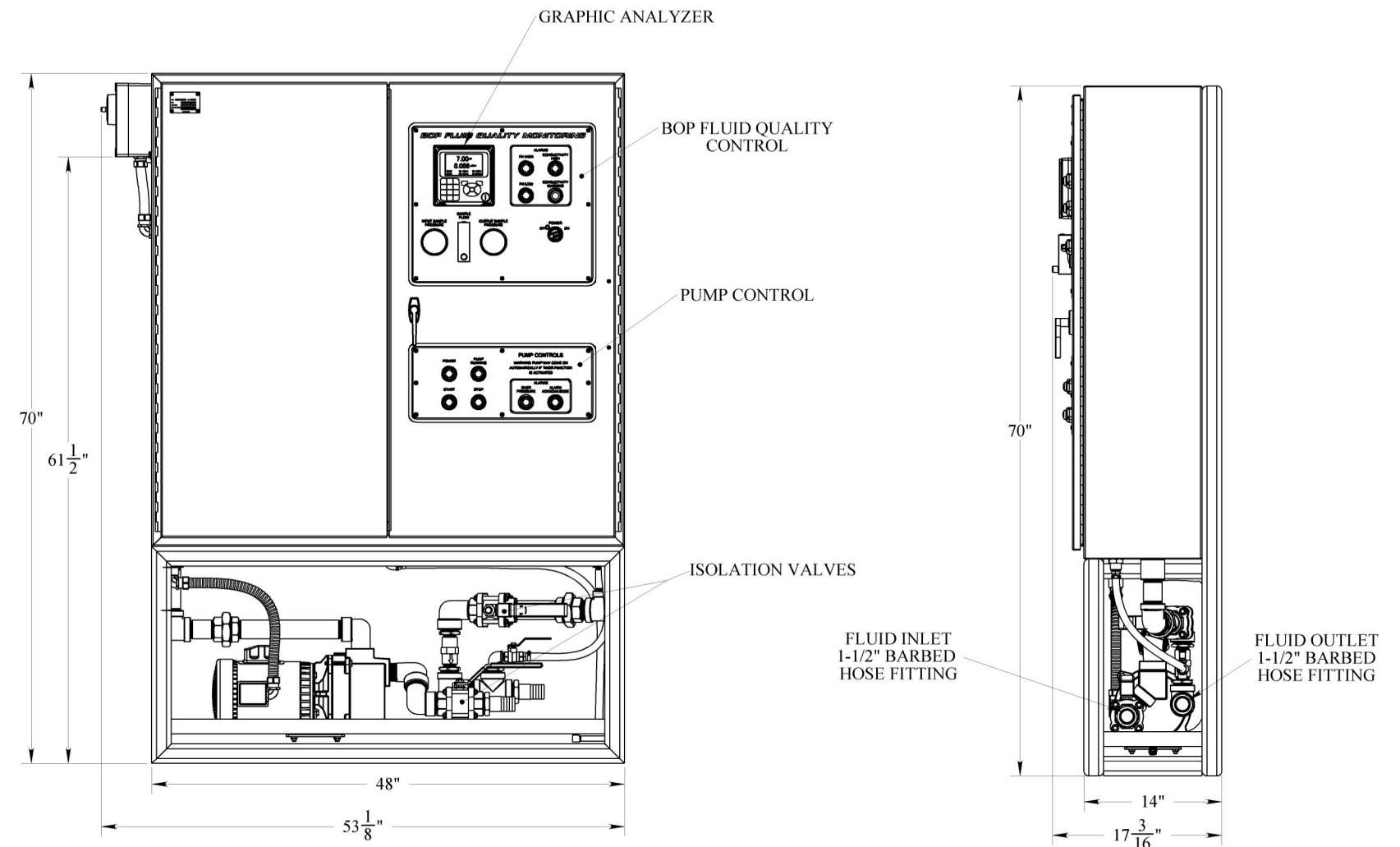


NOTES:


1. THE BOP FLUID QUALITY MONITORING SYSTEM IS DESIGNED TO MONITOR WATER BASED MIXED BOP FLUID'S CONDUCTIVITY AND PH.
2. PROVIDES A MEANS TO CONTINUOUSLY MONITOR AND THEN GRAPH PH AND CONDUCTIVITY WITH INCLUDED ANALYZER.
3. INCLUDES ALARM LIGHTS TO DRAW THE USER'S ATTENTION TO INSTANCES WHEN PH OR CONDUCTIVITY READING EXCEED USER SET HIGH AND LOW LIMITS.
4. 4-20 MILLIAMP OUTPUTS AVAILABLE FOR EXTERNAL DATA LOGGING AND MONITORING.
5. STAINLESS STEEL ENCLOSURE.
6. POWER REQUIREMENT: 220VAC, SINGLE PHASE 50/60 Hz.
7. 1-1/2" BARBED HOSE FITTINGS FOR FLUID ENTRY AND RETURN LINES.
8. BARBED FITTING MAY BE REMOVED FOR CONNECTION INTO 1-1/2" FNPT.
9. FACTORY TESTED USING BOTH MIXED BOP FLUID AND WATER.
10. MAXIMUM INLET PRESSURE SHOULD NOT EXCEED 90 PSI.
11. 15 GPM FLOW RATE.

| TSC-02029-SK SPARES KIT, BOP FLUID CONDITIONING & MONITORING SYSTEM | | |
|---|--|------|
| PART NUMBER | DESCRIPTION | QTY. |
| SE-0698 | FILTER, WATER, DUAL GRADIENT 25 / 1 MICRON | 1 |
| SE-0697 | FILTER, WATER, DUAL GRADIENT 50 / 5 MICRON | 1 |
| SE-0972-1 | CALIBRATION KIT, BUFFER SOLUTION, PH 4, NIST, 500ML | 1 |
| SE-0972-2 | CALIBRATION KIT, BUFFER SOLUTION, PH 7, NIST, 500ML | 1 |
| SE-0972-3 | CALIBRATION KIT, BUFFER SOLUTION, PH 10, NIST, 500ML | 1 |
| SE-1210 | FUSE, TIME LAG, 30A, CLASS CC, 600/300 VAC/VDC | 2 |
| SE-1288 | FUSE, 5 x 20 mm CARTRIDGE, 5 AMPS, 250 VAC FAST ACTING | 2 |


| TSC-02029-RK REPAIR KIT, BOP FLUID CONDITIONING & MONITORING SYSTEM | | |
|---|---|------|
| PART NUMBER | DESCRIPTION | QTY. |
| TSC-02029-SK | SPARES KIT, BOP FLUID CONDITIONING & MONITORING SYSTEM | 1 |
| SE-1318 | LAMP, UV, 80 WATTS, FOR SC-740 UV SYSTEM | 1 |
| SE-1319 | SLEEVE, QUARTZ REPLACEMENT TUBE, UV LAMP, SC-740 | 1 |
| SE-1320 | O-RING, SEAL, QUARTZ SLEEVE REPLACEMENT TUBE, UV LAMP, SC-740 | 2 |
| SE-0837 | SENSOR, PH/ORP, SENSOR PH-TUPH VARIOPOL CONNECTOR (396PVP) | 1 |
| SE-0813 | HOSE, BRAIDED, PVC, FOOD GRADE, 1-1/2" HEAVY DUTY | 96" |
| SE-0815 | CLAMP, HOSE, WORM GEAR, SAE 28, 1-1/2" BAND, 316 SS | 6 |
| SE-1217 | TUBING, BRAIDED, CLEAR, 3/4" OD x 1/2" ID, PVC | 120" |
| SE-0924 | CLAMP, HOSE, 7/8", SS | 5 |
| SE-0871 | TUBING, 1/4" OD, POLYPROPYLENE, CLEAR | 40' |
| SE-0832 | GAUGE, DIFFERENTIAL, 3G METER MOUNT, FILTER COND. | 1 |



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3RD ANGLE PROJECTION:


INTERPRET GEOMETRIC TOLERANCING PER: ASME Y14.5

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|---|----------------------|------|------|---|------------------|---|------------------|
| WORKMANSHIP STANDARD PER WI 751-001 | DRAWN | NAME | DATE |  THE SUBSEA COMPANY INC | SIZE B | TITLE: BOP FLUID QUALITY MONITORING SYSTEM | REV D2 |
| | CHECKED | | | | | | |
| UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES | Q.A. | | | DWG. NO. TSC-02029-GA | SHEET 1 OF 1 | | |
| | MFG APPR. | | | | | | |
| WEIGHT: 533.60 lbs. | DO NOT SCALE DRAWING | | | | | | |