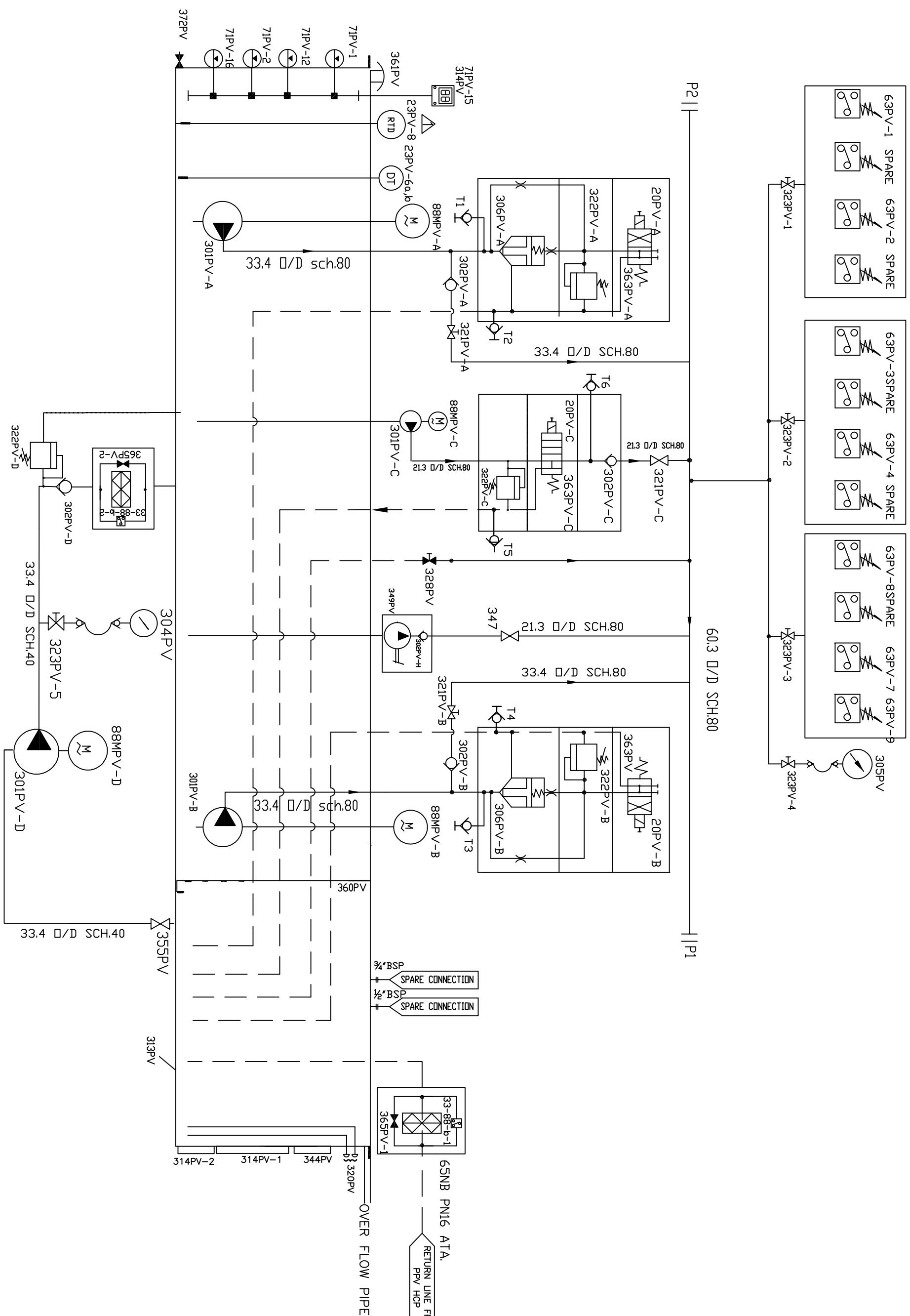




| MECHANICAL DEVICES |                                                                                                   | ELECTRICAL DEVICES |                                                                                                                |
|--------------------|---------------------------------------------------------------------------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------|
| 307P-1-4AB         | IN-LEAK STOP VALVE (MAIN & STANDBY)                                                               | 20P-1-A            | SOLENOID FOR 3ASP5(MAIN)                                                                                       |
| 307P-1-C           | IN-LEAK STOP VALVE (GEAR MAIN)                                                                    | 20P-1-B            | SOLENOID FOR 3ASP5(STAND BY)                                                                                   |
| 307P-1-D           | CIRCULATING PUMP FOR OIL FILTRATION UNIT (GEAR/WAVE)                                              | 20P-1-C            | DIAL TYPE THERMOMETER WITH TEMPERATURE ALARM & SHUT DOWN                                                       |
| 302P-1-A-0         | CHECK VALVE                                                                                       | 23P-1-6AB          | RESISTANCE TEMPERATURE DETECTOR                                                                                |
| 304P-1             | PRESSURE GAUGE                                                                                    | 23P-1-6            | SWITCH FOR RETURN LINE FROM PUMP TO ALARM                                                                      |
| 305P-1             | PRESSURE GAUGE                                                                                    | 33P-1-BP-1-1-2     | SWITCH FOR RETURN LINE FROM PUMP TO ALARM                                                                      |
| 308P-1-4AB         | UNDERWATER WAKE/DRIVE TYPE OIL SLUMP TANK OIL LEVEL CONTROLLER AND LEVEL PROBE (CAPACITANCE TYPE) | 63P-1-1            | ELECTRONIC RR SWITCH CONTACT FOR LOCK OF MACHINE START AT NORMAL PRESSURE                                      |
| 314P-1-1           | OIL LEVEL SIGHT GLASS                                                                             | 63P-1-2            | ELECTRONIC RR SWITCH CONTACT FOR SYSTEM PRESSURE                                                               |
| 314P-1-2           | SC GRADUATION SCALE FOR OIL LEVEL SIGHT GLASS                                                     | 63P-1-3            | ELECTRONIC RR SWITCH CONTACT FOR SYSTEM PRESSURE (LOW ALARM)                                                   |
| 314P-1-1B2         | OIL PIPERTE CONNECTIONS FOR SUCCTION & RETURN                                                     | 63P-1-4            | ELECTRONIC RR SWITCH CONTACT FOR HIGH ELECTRONIC RR SWITCH CONTACT TO START & STOP STANDBY PUMP MOTOR 88AP-1-8 |
| 321P-1-A-1-C       | BALL VALVE AFTER 302P-1                                                                           | 63P-1-7            | ELECTRONIC RR SWITCH CONTACT FOR STOP                                                                          |
| 322P-1-4AD         | OIL SAFETY RELIEF VALVE                                                                           | 63P-1-8            | ELECTRONIC RR SWITCH CONTACT FOR STOP & STOP STANDBY PUMP MOTOR 88AP-1-8                                       |
| 323P-1-1-5         | NEEDLE VALVE FOR PRESSURE GAUGE & SWITCH                                                          | 63P-1-9            | ELECTRONIC RR SWITCH CONTACT FOR STOP & STOP STANDBY PUMP MOTOR 88AP-1-8                                       |
| 328P-1             | OIL RELEASE NEEDLE VALVE                                                                          |                    |                                                                                                                |
| 344P-1             | MANHOLE (SIZE 600 MM)                                                                             |                    |                                                                                                                |
| 347P-1             | ISOLATING BALL VALVE HAND PUMP                                                                    |                    |                                                                                                                |
| 349P-1             | ISOLATING BALL VALVE SLUMP TANK 313P-1 WITH NEUTRAL STRAINE                                       |                    |                                                                                                                |
| 350P-1             | VALVE                                                                                             |                    |                                                                                                                |
| 352P-1             | OIL STRAINER WITH MAGNETS                                                                         | 71P-1-2            | LEVEL SWITCH CONTACT OF LEVEL CONTROLLER ON 313P-1 FOR ALARM AT HIGH LEVEL                                     |
| 361P-1             | ARE BREATHER/FILTERS WITH DEMANDER                                                                | 71P-1-12           | LEVEL SWITCH CONTACT OF LEVEL CONTROLLER ON 313P-1 FOR VERY LOW STOP 88AP-1-A & B                              |
| 363P-1-C           | SOLENOID OPERATED VALVE FOR NO-LOAD START                                                         | 71P-1-15           | LEVEL SWITCH CONTACT OF LEVEL CONTROLLER ON 313P-1 FOR PUMP RESTART INTERLOCK                                  |
| 365P-1-1           | DUPLEX FILTER ON RETURN LINE                                                                      | 71P-1-16           | OIL LEVEL TRANSMITTER OF LEVEL CONTROLLER ON 313P-1                                                            |
| 365P-1-2           | DUPLEX FILTER ON OIL FILTRATION UNIT                                                              |                    |                                                                                                                |
| 372P-1             | DRAIN VALVE FOR 313P-1 WITH METALLIC PLUG                                                         |                    |                                                                                                                |
| 71.1.2.13&14       | TEST POINTS                                                                                       | 88AP-1-A           | LEVEL SWITCH CONTACT OF LEVEL CONTROLLER ON 313P-1 FOR VERY LOW STOP 88AP-1-A & B                              |
|                    |                                                                                                   | 88AP-1-B           | OIL PUMP MOTOR (MAIN)                                                                                          |
|                    |                                                                                                   | 88AP-1-C           | OIL PUMP MOTOR (STANDBY)                                                                                       |
|                    |                                                                                                   | 88AP-1-D           | LOCK PUMP MOTOR FOR REBUILDATION PUMP                                                                          |

| LEGEND           |                                                                                                          |
|------------------|----------------------------------------------------------------------------------------------------------|
| P1               | 50 NB DIN, PN100 ATA FOR PRESSURE LINE WITH MATCHING BLANK FLANGE                                        |
| P2               | 50 NB DIN, PN100 ATA FOR PRESSURE LINE WITH MATCHING BLIND FLANGE                                        |
| T                | 65 NB DIN, PN16 ATA FOR DRAIN LINE WITH MATCHING BLANK FLANGE                                            |
| 320PV-1, 320PV-2 | 1" BSP (MALE) FOR DIL PURIFIER CONNECTION WITH BLANKING CAP (ONE FOR SUCTION LINE & ONE FOR RETURN LINE) |
| T1               | 100 NB DIN, PN16 ATA FOR DRAIN LINE (SPARE CONNECTION) WITH MATCHING BLIND FLANGE                        |
| L1               | 40NB DIN, PN16 ATA FOR DRAIN LINE (SPARE), WITH MATCHING BLIND FLANGE                                    |

| COLOUR CODE:                       |                        |
|------------------------------------|------------------------|
| OIL PRESSURE PIPE EXTERNAL         | YELLOW RAL 1016        |
| SUMP TANK INTERNAL SURFACE         | YELLOW DRANGE RAL 2000 |
| OIL CONTROL PRESSURE PIPE EXTERNAL | YELLOW DRANGE RAL 2000 |
| OIL DRAIN PIPE EXTERNAL            | BROWN RAL 8012         |
| SUMP TANK EXTERNAL SURFACE         | PEBBLE GRAY RAL 7032   |

REMARKS : COLOUR CODE GIVEN IN THE TABLE ARE TENTATIVE. IT WILL BE FINALLY APPROVED BY THE CUSTOMER DURING DRAWING APPROVAL.

- NOTE:
1. ALL DEVICES SHOWN IN CLOSED, DE-ENERGISED AND DE-PRESSURISED CONDITION.
  2. ALL PRESSURE SWITCHES AND PRESSURE GAUGE SHOULD BE CONNECTED TO ISOLATING VALVE (323PV) THROUGH MINIMISES COUPLING.
  3. PRESSURE SWITCHES, PRESSURE GAUGE, DIAL TYPE THERMOMETER, LEVEL INDICATOR, AND MOISTURE DETECTOR INDICATOR SHOULD BE MOUNTED ON VERTICAL MOUNTING PLATE, ALL INDICATING INSTRUMENTS SHOULD BE MOUNTED ALONG WITH VIBRATION PADS TO AVOID VIBRATION & SHOCKS.

[illegible]