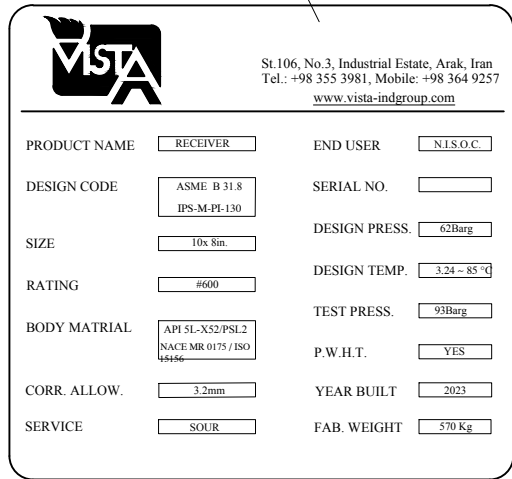
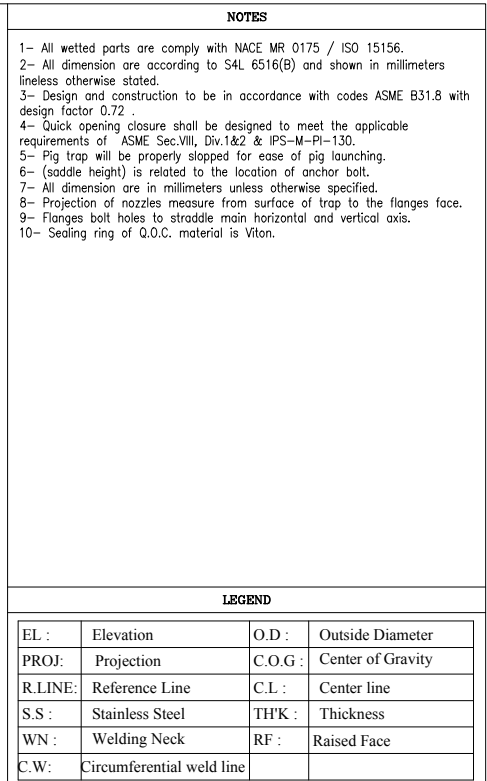
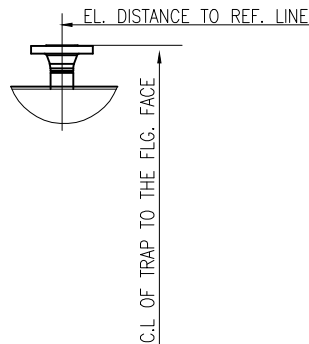




| PART LIST                                                                                      |                    |                          |                                                  |      |                               |
|------------------------------------------------------------------------------------------------|--------------------|--------------------------|--------------------------------------------------|------|-------------------------------|
| ITEM                                                                                           | NAME               | DESCRIPTION              | MATERIAL                                         | QTY. | REMARK                        |
| 1                                                                                              | CLOSURE            | HUB/CLAMP/DOOR           | A694 F52                                         | 1    | ---                           |
| 2                                                                                              | BARREL             | SMLS PIPE 10", Thk. 9.27 | API 5L X52/PSL2                                  | 1    | ASME B36.10/Required Thk. 7.9 |
| 3                                                                                              | ECCENTRIC REDUCER  | 10" x 8", Thk. 9.27      | A 860 WPHY 52                                    | 1    | ASME B16.9/Required Thk. 7.9  |
| 4                                                                                              | SPOOL              | SMLS PIPE 8", Thk. 8.18  | API 5L X52/PSL2                                  | 1    | ASME B36.10/Required Thk. 7.9 |
| 5                                                                                              | W.N., R.F. FLANGE  | 8", #600, Sch. 40        | A 694 - F52                                      | 1    | ASME B16.5/Required Thk. 4.7  |
| 6                                                                                              | W.N., R.F. FLANGE  | 2", #600, Sch. 80        | A 105                                            | 7    | ASME B16.5/Required Thk. 4.7  |
| 7                                                                                              | W.N., R.F. FLANGE  | 1", #600, Sch. 160       | A 105                                            | 2    | ASME B16.5/Required Thk. 4.0  |
| 8                                                                                              | WELDOLET           | 2", Sch. 80              | A 105                                            | 7    | MSS-SP-97                     |
| 9                                                                                              | WELDOLET           | 1", Sch. 160             | A 105                                            | 2    | MSS-SP-97                     |
| 10                                                                                             | LIFTING LUG        | PLATE                    | A283-C                                           | 2    | ---                           |
| 11                                                                                             | SADDLE ASSEMBLY    | PLATE                    | A283-C                                           | 2    | ASME Sec. VIII, Div. 1        |
| 12                                                                                             | NAME PLATE SUPPORT | PLATE                    | A283-C                                           | 1    | ---                           |
| 13                                                                                             | EARTHING LUG       | PL. 50*50*5              | S.S                                              | 2    | ---                           |
| 14                                                                                             | NAME PLATE         | PLATE Thk=1              | S.S.                                             | 1    | ---                           |
| DESIGN DATA                                                                                    |                    |                          |                                                  |      |                               |
| DESIGN CODE \ STANDARD                                                                         |                    |                          | ASME Sec. VIII, Div. 1/ASME B31.8 / IPS-M-PI-130 |      |                               |
| DESIGN FACTOR                                                                                  |                    |                          | 0.72                                             |      |                               |
| DESIGN SPEC 'S                                                                                 |                    |                          | S4L-6516(B)                                      |      |                               |
| DESIGN PERESSURE                                                                               |                    |                          | 62 barg                                          |      |                               |
| DESIGN TEMPERATURE                                                                             |                    |                          | 3.24-85 °C                                       |      |                               |
| SERVICE                                                                                        |                    |                          | SOUR                                             |      |                               |
| CORROSION ALLOWANCE                                                                            |                    |                          | 3.2 mm                                           |      |                               |
| MEDIUM                                                                                         |                    |                          | HC GAS                                           |      |                               |
| MAX. DESIGN WIND SPEED                                                                         |                    |                          | 110 Km/hr.                                       |      |                               |
| EARTHQUAKE DATA                                                                                |                    |                          | ASCE 7-10                                        |      |                               |
| WEIGHT - EMPTY                                                                                 |                    |                          | 570 Kg                                           |      |                               |
| WEIGHT - HYDRO TEST                                                                            |                    |                          | 980 Kg                                           |      |                               |
| INSPECTION & TESTING                                                                           |                    |                          |                                                  |      |                               |
| Non - destructive testing (NDT) will be performed on all welds.                                |                    |                          |                                                  |      |                               |
| VISUAL                                                                                         |                    |                          | 100% VISUAL & DIM CHECK                          |      |                               |
| RADIOGRAPHY                                                                                    |                    |                          | 100% BUTT WELD JOINTS                            |      |                               |
| HYDRO - TEST : SHOT                                                                            |                    |                          | 93 barg                                          |      |                               |
| HYDRO - TEST : SITE                                                                            |                    |                          | 93 barg                                          |      |                               |
| P.W.H.T.                                                                                       |                    |                          | YES                                              |      |                               |
| IMPACT TEST                                                                                    |                    |                          | YES                                              |      |                               |
| FINISH                                                                                         |                    |                          |                                                  |      |                               |
| INTERNAL : - CLEAN AND DRY AS WELDED                                                           |                    |                          |                                                  |      |                               |
| EXTERNAL : - CLEAN AND DRY AS WELDED THEN AS PER PAINTING PROCEDURE-BK-GNRL-PECO-000-PI-SP-000 |                    |                          |                                                  |      |                               |

[illegible]