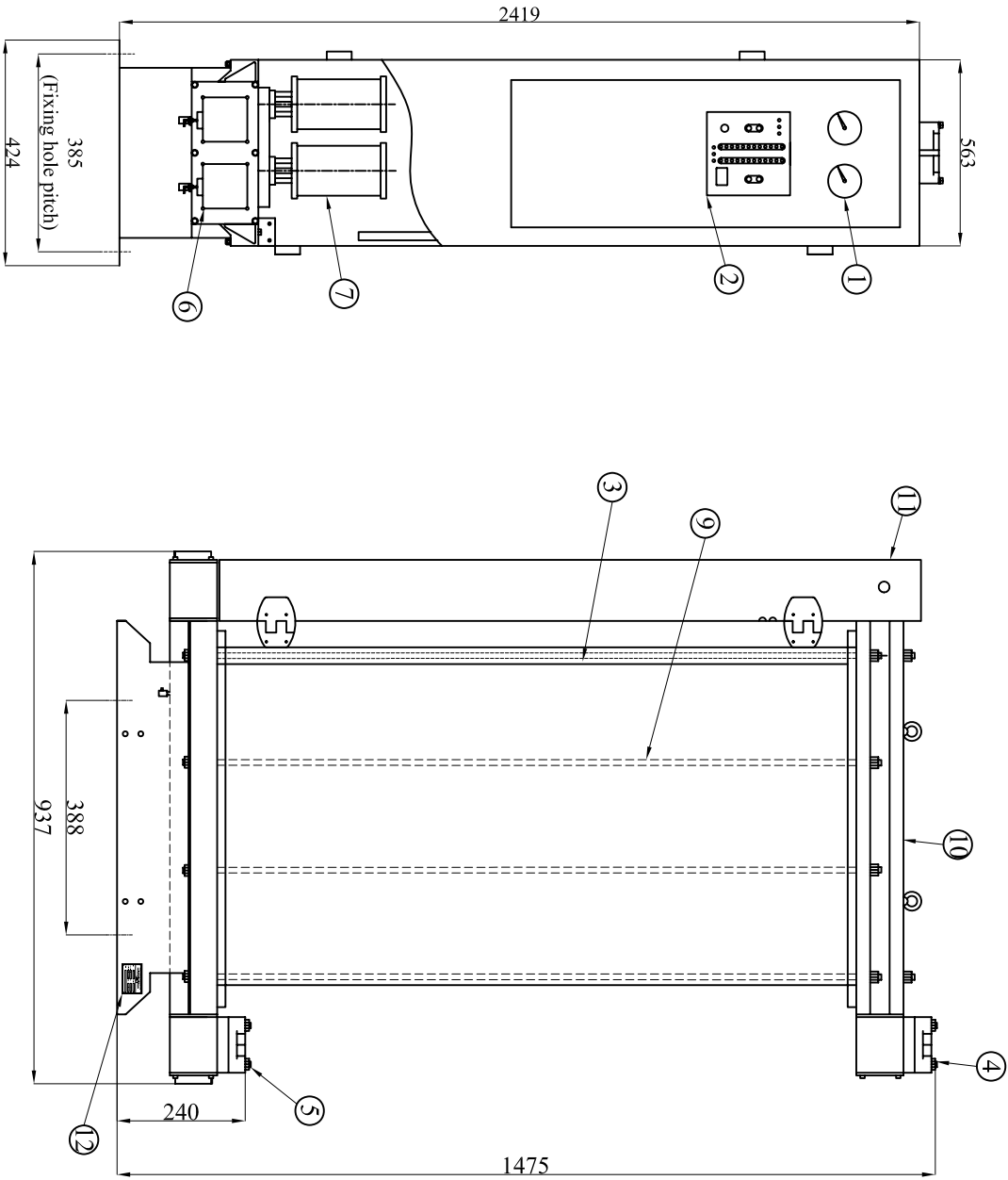
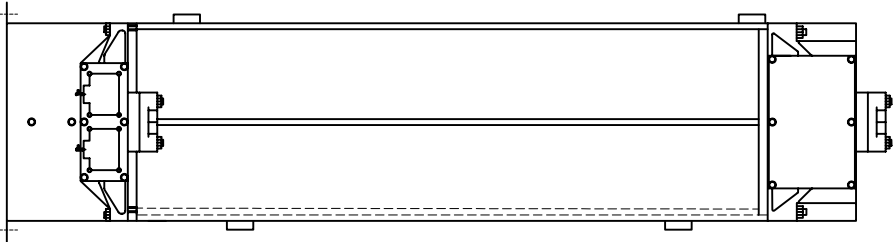


|    |                  |           |                        |       |      |
|----|------------------|-----------|------------------------|-------|------|
| 1  | 2                | 3         | 4                      | 5     | 6    |
| 2  | N12              | 50        | N11                    | 25    | 12.5 |
| 3  | N10              | 12.5      | N9                     | 6.3   | 3.2  |
| 4  | N8               | 3.2       | N7                     | 1.6   | 0.8  |
| 5  | N6               | 0.8       | N5                     | 0.4   | 0.2  |
| 6  | N4               | 0.2       | N3                     | 0.1   | 0.05 |
| 7  | N2               | 0.05      | N1                     | 0.025 |      |
| 8  | ROUGHNESS SYMBOL |           | ROUGHNESS VALUE Ra μ m |       |      |
| 9  | >4000            | 3         | +                      | +     | +    |
| 10 | 2000             | 4000      | +                      | 2     | +    |
| 11 | 1000             | 2000      | +                      | 1.2   | +    |
| 12 | 315              | +         | 0.8                    | +     | +    |
| 13 | 120              | +         | 0.5                    | +     | +    |
| 14 | 30               | +         | 0.3                    | +     | +    |
| 15 | 6                | +         | 0.2                    | +     | +    |
| 16 | -                | 6         | +                      | 0.1   | +    |
| 17 | OVER             |           |                        |       |      |
| 18 | NMMD             | TOLERANCE |                        |       |      |



TEST STANDARD  
ASME SEC - VIII DIV 1



#### SPECIFICATION

PED 97 / 23 / EC .CATAGORY : IV

: COMPRESSED AIR

: 350 cfm

: 45°C

: 7-12.5 kg/cm²(g)  
: 100 %

: 297.5 cfm

: 45°C

: 0.15 kg/cm²(g)

: -40°C Activated alumina  
: -60°C molecular sieves

: 14 kg/cm²(g)  
: 12.5 kg/cm²(g)

: 50°C

: 70% (panel box)

: 21 kg/cm²(g)

: WATER

: AMBIENT(25°C)

: 30

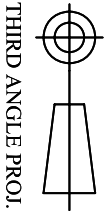
: VERTICAL

: 220v, 1Ph, 50Hz

: A - Activated alumina

: B - Molecular sieves

|      |                        |     |         |        |  |
|------|------------------------|-----|---------|--------|--|
| 12.  | NAME PLATE             | 1   | 750306  | 0      |  |
| 11.  | PANEL BOX              | 1   | 6931 56 | 0      | ASME SA1008                              |
| 10.  | OUTLET HEAD            | 1   | 6931 39 | 0      | ASME SB 221 / A6063                      |
| 9.   | INLET HEAD             | 1   | 6931 39 | 0      | ASME SB 221 / A6063                      |
| 8.   | TIE ROD                | 12  | 6931 12 | 0      | ASME SA479                               |
| 7.   | SILENCER               | 2   | 6931 54 | 0      | ASME SB211 / A2024                       |
| 6.   | VALVE HOUSING SILENCER | 1   | 6931 34 | 0      | ASME SB26                                |
| 5.   | VALVE HOUSING IN/OUT   | 2   | 6931 29 | 0      | ASME SB26                                |
| 4.   | SQ FLANGE IN/OUT       | 2   | 6931 53 | 0      | ASME SB26                                |
| 3.   | TOWER                  | 6   | 6931 47 | 0      | ASME SB 221 / A6063                      |
| 2.   | TIMER                  | 1   |         | 0      | EN 61010-1 : 2001 /<br>EN 61326-1 : 1997 |
| 1.   | PRESSURE GAUGE         | 2   |         | 0      | IS 3624 : 1997                           |
| S.NO | DESCRIPTION            | QTY | DRG NO  | REV NO | MOC                                      |



THIRD ANGLE PROJ.

**GEM EQUIPMENTS LTD**  
**COIMBATORE-641 407**

#### TITLE

GA DRAWING AIR DRYER  
SPD 350

DRAWN  
SAKTHI

CHECKED

APPROVED

DATE

18.09.10

SIZE DWG. NO.

6935 09

REV  
0

SCALE : NTS

SHEET 1 OF 1

\*ALL DIMENSIONS ARE IN MM

F/DSN/002

1

2

3

4

5

FILE:D:\SPD\DRAWINGS\6935 09