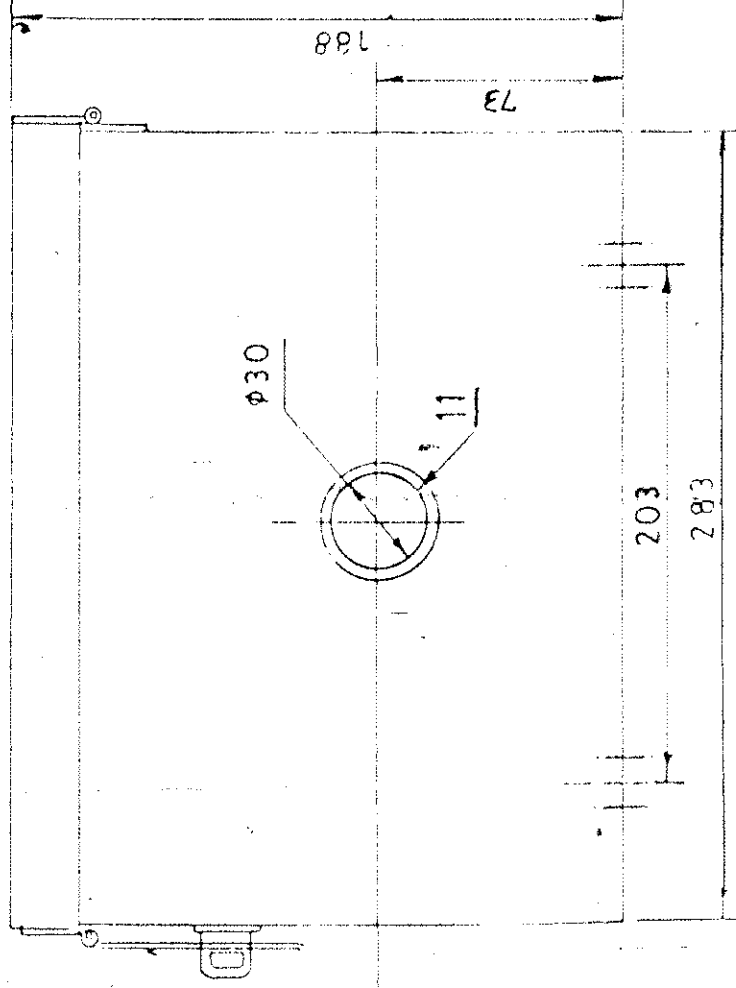
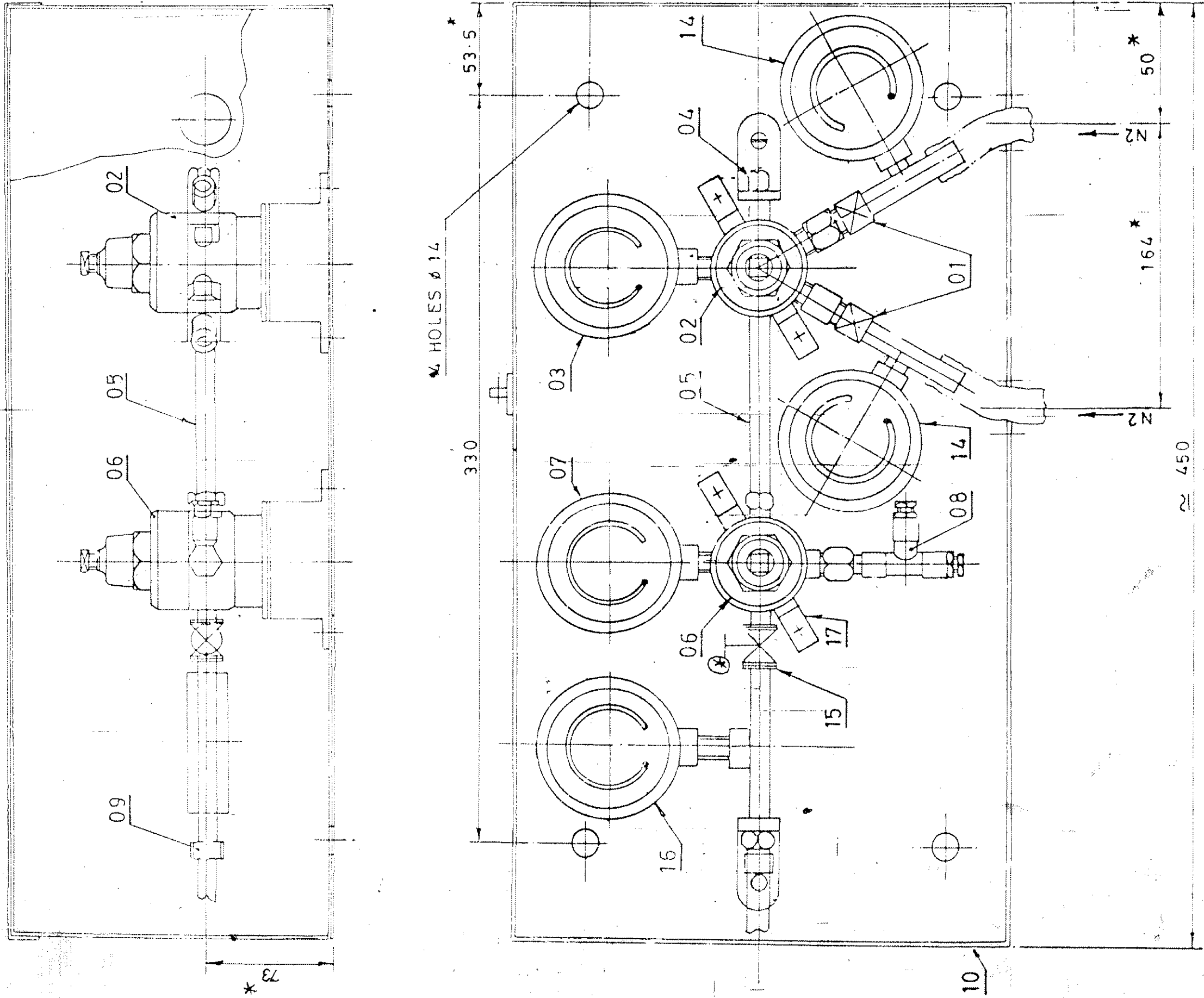
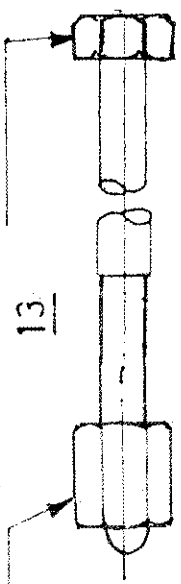


SPECIAL NOTE TO SHOP:-

- FOR READING PRESSURE IN TRANSFORMER TANK FOLLOW THE FOLLOWING:-
1. CLOSE VALVE MARKED THUS *
 2. WAIT FOR 8 TO 10 MINUTES TO ATTAIN BACK PRESSURE.
 3. READ TANK PRESSURE IN ITEM 16.

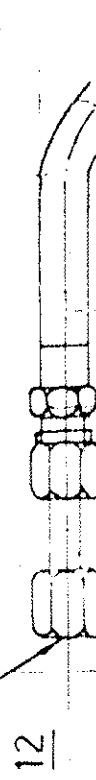


3/4" B.S.P.



3/16" X 5/16" X 800 MM LONG
COPPER TUBE (ANNEALED)

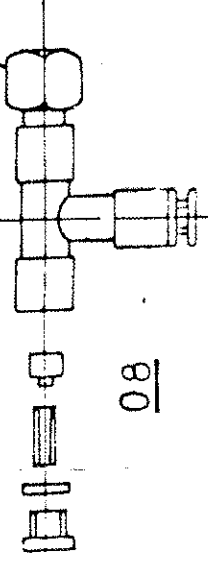
1 1/4" B.S.P. SWIVEL TYPE CONNECTION



5 MM NB 3600 LONG HOSE

3/8" B.S.P. SWIVEL TYPE OUTLET
CONNECTION WITH RUBBER HOSE

3/8" B.S.P. SWIVEL TYPE



STYLE LIST

ST 627287 N2 GAS REGULATOR

SNO	DESCRIPTION	QTY
17	SUPPORT	2
16	PRESSURE GAUGE 65 MM DIAL 1/4 NPT (FOR READING TRFR. PRESSURE)	1
15	VALVE (NORMALLY OPENED)	1
14	INLET PRESSURE GAUGE	2
13	INLET CONNECTION 800 MM LONG COPPER TUBE (ANNEALED)	2
12	OUTLET CONNECTION (BRASS)	1
11	RUBBER GROMET	1
10	M.S. BOX (SHEET TK. 1 MM)	1
09	3/8" E.S.P. OUTLET CONNECTION (BRASS)	1
08	LP DOUBLE SAFETY (ADJUSTABLE) VALVE SET AT 0.35 KG/CM ²	1
07	LP GAUGE 0 TO 1 KG/CM ² 65 MM DIAL 1/4" NPT	1
06	LP REGULATOR 2ND STAGE	1
05	CONNECTING LINK ASSEMBLY	1
04	H.P. SAFETY VALVE	1
03	H.P. GAUGE 0 TO 10 KG/CM ² 65 MM DIAL 1/4 NPT	1
02	H.P. REGULATOR 1ST STAGE 200 KG/CM ²	1
01	INLET CUM NRV 3/8" B.S.P. (R.H.M.)	2

TRANSFORMER

ADDITIONAL INFORMATION
STD.
STATUS OF DRAWING
DISTRIBUTION OF PRINTS
TRE TRP BAY 8 BAY 9

REV. DATE ALTERED BY
A 11/2000 CHECKED BY
APPROVED BY

REV. DATE ALTERED BY
B 4.10.2002 CHECKED BY
APPROVED BY

REV. DATE ALTERED BY
C 11/2000 CHECKED BY
APPROVED BY

REV. DATE ALTERED BY
D 11/2000 CHECKED BY
APPROVED BY

REV. DATE ALTERED BY
E 11/2000 CHECKED BY
APPROVED BY

REV. DATE ALTERED BY
F 11/2000 CHECKED BY
APPROVED BY

REV. DATE ALTERED BY
G 11/2000 CHECKED BY
APPROVED BY

NOTES:-

1. THE REGULATOR IS REQUIRED FOR USE WITH TWIN NITROGEN CYLINDERS WHICH ARE CONNECTED TO TRANSFORMER DURING TRANSIT.
2. THE REGULATOR IS REQUIRED TO AUTOMATICALLY MAINTAIN A POSITIVE PRESSURE OF 0.15 TO 0.175 KG/CM² INSIDE THE TRANSFORMER & TO REGULATE TO ALLOW N₂ GAS FROM CYLINDERS TO MAINTAIN POSITIVE PRESSURE IN CASE PRESSURE FALLS BELOW 0.15 KG/CM² IN THE TRANSFORMER DUE TO LEAKAGE/TEMPERATURE VARIATION. THE REGULATOR SHALL AUTOMATICALLY ALLOW ADDITIONAL GAS FROM CYLINDER TO BUILD UP REQUIRED PRESSURE IN TRANSFORMER.
3. REGULATOR SHALL BE SUPPLIED WITH LP & HP GAUGE AND HIGH PRESSURE (COPPER TUBE) AND LOW PRESSURE (RUBBER/NYLON TUBE OF SUITABLE QUALITY) HOSES.
4. REGULATOR SHALL BE SUPPLIED WITH BUILT IN NRV'S AND SAFETY VALVE PRESSURE GAUGES ETC FIRST AND SECOND STAGE REGULATORS AS SHOWN.
5. REGULATOR SHALL BE SUPPLIED IN SUITABLE STEEL BOX WITH LOCKING ARRANGEMENT TO AVOID PILFERAGE DURING TRANSIT. BOX SHALL BE PAINTED WITH TWO COATS OF ANTI CORROSIVE PRIMER PAINT INSIDE & OUTSIDE FOLLOWED BY TWO COATS OF WHITE PAINT INSIDE AND TWO COATS OF FULL GLOSSY FINISHING PAINT OF LIGHT GREY SHADE OUTSIDE.
6. GAUGES SHALL GENERALLY CONFORM TO IS 1524.
7. DIMENSIONS MARKED * MAY VARY ON ASSEMBLY.

TESTING:-
a) EACH REGULATOR SHALL BE TESTED FOR FUNCTIONAL TEST AND AFTER BLANKING OUTLET CONNECTION (12) FOR LEAK PROOFNESS WITH N₂ AIR AT 0.5 KG/CM² FOR 12 HOURS.

- i) LP & HP HOSES SHALL BE TESTED WITH N₂ AIR AS MENTIONED BELOW.
 - a) HP HOSES AT 140 KG/CM² FOR 15 MTS.
 - b) LP HOSES AT 0.7 KG/CM² FOR 15 MTS.
 - iii) T.C. FOR EACH REGULATOR BEARING SL NO. & FOR HOSES, SHALL BE FURNISHED.