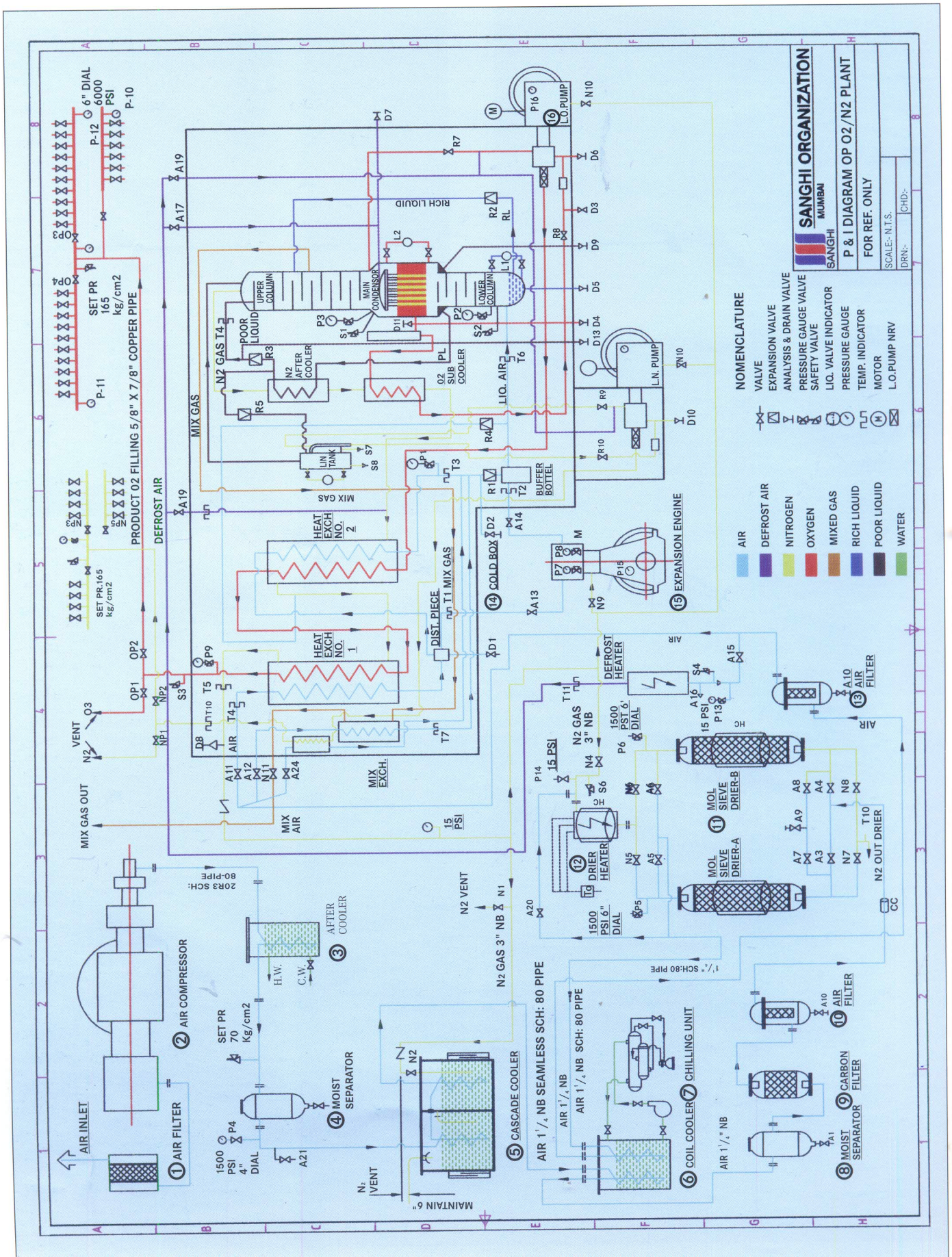
SANGHI


SANGHI ORGANIZATION
MUMBAI
P & I DIAGRAM OP O2/N2 PLANT
FOR REF. ONLY
SCALE:- N.T.S.
DRN:-
CHD:-
NOMENCLATURE
VALVE
EXPANSION VALVE
ANALYSIS & DRAIN VALVE
PRESSURE GAUGE VALVE
SAFETY VALVE
LIQ. VALVE INDICATOR
PRESSURE GAUGE
TEMP. INDICATOR
MOTOR
L.O.PUMP NRV
AIR
DEFROST AIR
NITROGEN
OXYGEN
MIXED GAS
RICH LIQUID
POOR LIQUID
WATER
AIR INLET
1 AIR FILTER
2 AIR COMPRESSOR
3 AFTER COOLER
4 MOIST SEPARATOR
5 CASCADE COOLER
6 COIL COOLER
7 CHILLING UNIT
8 MOIST SEPARATOR
9 CARBON FILTER
10 AIR FILTER
11 MOL SIEVE DRIER-A
MOL SIEVE DRIER-B
12 DRIER HEATER
13 AIR FILTER
14 COLD BOX
15 EXPANSION ENGINE
16 L.O.PUMP
MAIN CONDENSOR
UPPER COLUMN
LOWER COLUMN
RICH LIQUID
POOR LIQUID
N2 AFTER COOLER
O2 SUB COOLER
LIQ. AIR
L.N. PUMP
BUFFER BOTTEL
LIN TANK
MIX GAS
HEAT EXCH NO. 1
HEAT EXCH NO. 2
DIST. PIECE
T1 MIX GAS
MIX EXCH.
MIX AIR
MIX GAS OUT
DEFROST AIR
PRODUCT O2 FILLING 5/8" X 7/8" COPPER PIPE
SET PR 165 kg/cm2
SET PR.165 kg/cm2
6" DIAL 6000 PSI
SET PR 70 Kg/cm2
1500 PSI 4" DIAL
1500 PSI 6" DIAL
1500 PST 6' DIAL
N2 GAS 3" NB
N2 GAS 3" NB
N2 VENT
N2 OUT DRIER
DEFROST HEATER
AIR 1 1/4 NB SEAMLESS SCH: 80 PIPE
AIR 1 1/4 NB SCH: 80 PIPE
AIR 1 1/4" NB
MAINTAIN 6"
20R3 SCH: 80-PIPE
H.W.
C.W.