

2.15 30317 CHEMICAL EQUIPMENT DRAWING

UNIT-1 ASSEMBLY DRAWING OF FOLLOWINGS:

- 1.1 Non-return valve
- 1.2 Globe valve
- 1.3 Gate valve
- 1.4 Ball valve
- 1.5 Diaphragm valve
- 1.6 Gland cock
- 1.7 Rams bottom safety valve
- 1.8 Lever safety valve
- 1.9 Angle stop valve
- 1.10 Bucket trap
- 1.11 Invested bucket trap
- 1.12 Thermodynamics steam trap
- 1.13 Centrifugal pump
- 1.14 Ram pump
- 1.15 Nylon roller pump
- 1.16 Gear pump.

UNIT-2 LINE SKETCHES OF FOLLOWING CHEMICAL ENGINEERING EQUIPMENTS:

- 2.1 Jacketed vessel
- 2.2 Double pipe heat exchanger
- 2.3 Shell and tube heat exchanger
- 2.4 Reaction vessel
- 2.5 Standard vertical tube evaporator
- 2.6 Steam jet ejector
- 2.7 Rotary drum filter
- 2.8 Swenson walker crystallizer
- 2.9 Rotary Drum Drier
- 2.10 Ball Mill
- 2.11 Thickener
- 2.12 Venturi meter

Reference Books:

1. Machine drawing by N.D. Bhatt
2. Process equipment design by V. Joshi
3. Chemical Engineering data hand book by Perry.

