



- Year/Month : 2007/01
- Client/Owner : Hanmi
- Engineer : ILSHINAUTOCLAVE
- Location : SIHEUNG. REPUBLIC OF KOREA

TITLE

Supercritical CO₂ Dry System

- Remain solvent dry process (잔류용제 건조 공정)

PROCESS

| | |
|-------------------|------------------------------|
| Removal Condition | 250kg/cm ² at 80℃ |
| Total Output | 2.4 ton/day |
| Production Time | 2hr/batch x 2set |

MAJOR APPLIANCES

| | |
|--------------------------------------|-----------------------------|
| Dry Reactor | 100ℓ x 2 units |
| Max. Working Pressure | 150kg/cm ² |
| Clutch Door Clamp Closure Type Cover | |
| Separator | 160ℓ x 3 units |
| HP Pump | 20 HP x 2 unit |
| Max. Working Pressure | 250kg/cm ² |
| Max Flow Rate | 15ℓ/min |
| Pre-Heater | Double Pipe Type x 2 units |
| Condenser | Shell & Tube Type x 2 units |
| CO ₂ Reservoir | 300ℓ x 1 units |
| Liquid CO ₂ Tank | 20ton x 1 units |

(한국가스안전공사 검사필)

FEATURE

- 국내 최초 cGMP(Current Good Manufacturing Practice) 규정 준수 플랜트 설비의 전체 시스템 자동화 구현
- 고압가스 안전 규정에 의한 허가 및 전문 시공
- 한국가스안전공사 검사필

구조도

