

Steel Plant By-product Gas Holder

- Gas Contents : Mix Gas (Flammable gas)
- Holder Type : Cylindrical Type. It has floating piston. The piston moves up & down according to gas volume.
- Holder Size : Dia. 50m (164 ft) X Height 64m (210 ft)
- Max Gas Volume : about 100,000 m³ (3,531,472 ft³)
- Gas Pressure : 8.8 kPag (1.28 psig) - Gas pressure is always constant because of floating piston.
- **Safety measures for fire protection**
 - * **Safety Distance from gas holder shell : 15 m (49ft)**
 - * **Direct sunlight protection for gas contents : Roof**
 - * **Gas Detectors to monitor leakage : 4 sets around floating piston + 1 set for roof ventilator**
 - * **Explosion proof for all gas holder electric devices**
 - * **Interlock system (When piston positions too high or low, shut off valve will be blocked automatically.)**

