

PETROCHEMICAL GAS STORAGE & TANKS



INTRODUCTION

TGE has experience of more than 36 years in its field of business from the initial concept / feasibility study to the turn-key lump-sum execution of complete projects as the main partner for our customer. TGE is a technology focused company and is worldwide active with their operation units offices in Europe and Asia region.

TGE offers Cryogenic storages for import, export, buffer or distribution of LPG, Ethane, Ethylene, Propane, Propylene, Butane, Butadiene, Ammonia and other liquefied gases maintaining efficient overall process design with regards to energy integration. Also, a wide range of storage tank types like Earth Covered Tanks (ECT) for pressurised liquefied gases, Horizontals bullet tanks and spheres for pressurised or semi-pressurised storage of liquefied gases together with references for all cryogenic containment types:

Single – Double – Full containment.

BASED ON EXPERIENCE

- 33 Petrochemical (EPC & EP+CS) Projects for Petrochemical Products: Ethylene, Ethane, Propylene, Butane, LPG, Ammonia
- 40 Petrochemical Projects

Covering – Jetty, Storage & Process Facilities

INCLUDING

- Total installed storage capacity of 2,730,460 m³
- 30 Full Containment Tanks with installed capacity of 1,911,000 m³
- 24 Single and Double Containment Tanks with installed capacity of 546,000 m³
- Tanks installed with capacities of 3,000 m³ up to 120,000 m³

EARTH COVERED TANKS (ECT) & PRESSURISED SPHERICAL TANKS

- 96 Earth Covered Tanks (ECT) with installed capacity of 262,500 m³ for LPG, Propylene, Butadiene, VCM, Butene, Propane, C4-LPG, C5, Raff and Light Naptha
- More than 14.7 million operational hours
- Spherical Tanks

LARGEST INSTALLED STORAGE CAPACITY

Propane:	120,000 m ³ (Full Containment)
LPG:	120,000 m ³ (Full Containment)
Ethylene:	80,000 m ³ (Full Containment)
Ethane:	120,000 m ³ (Full Containment)
Propylene:	80,000 m ³ (Full Containment)
Ammonia:	40,000 m ³ (Full Containment) 30,000 m ³ (Double Containment)

For further information

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