

# Environmental Technology Systems for Atmospheric Protection

Supply of Integrated customized solutions  
Supporting of installation & operation globally

- International EPC contractor in the Oil & Gas market - 20 years of experience in designing & manufacturing of all types of metering, atmospheric protection systems
- Full compliance to all international regulatory frameworks & standards
- In-house engineering capable to conform to any international technical norm & specification
- Project management securing qualitative & "on time" delivery
- Highest grade of in-shop pre-fabrication
- Factory acceptance test procedures ensuring the highest performance
- Installation on site services including commissioning & start-up and repairs



## Providing Solutions for the Environment



**Vapor Recovery Units:** Design, construction, installation and start-up of vapor Recovery Units for the recovery of VOC emissions in products loading installations. Applied technology is based on adsorption - absorption process incorporating active carbon beds and gasoline absorption column. The regeneration of active carbon is achieved via a vacuum liquid ring pump system.

**Flare Systems:** Design and construction of Flare Systems including the manufacturing of risers, molecular seal vessels and knock-out drums.



## Technical Features for Units

**Application:** Refineries, Truck and Marine Loading Facilities

**Type:** Adsorption - Absorption VRU, Flares Derrick or Self Supported

**Standards:** API, ASME, NACE

**Environmental Regulations:** EU Directive 94/63/EC

**Fluid:** VOCs, Waste gases

**Material of construction:** Carbon steel, stainless steel, suitable for sour services

**Control:** Local and / or Remote

## Environmental Technology Systems

# ATMOSPHERIC PROTECTION

## Examples of our experience



ORPIC Refinery  
Oman



Motor Oil Refinery  
Greece



HEL.PE. Refinery  
Greece