

Product Description of Manhole Cover

The manhole cover is installed at the top of the oil tank truck. When the pressure inside the tank rises sharply, it can automatically exhaust through the emergency pressure relief device. The cover plate is equipped with an air inlet/exhaust PV valve, suitable for gasoline, diesel, kerosene, and other light fuels. The manhole cover has a top window hole, and photoelectric sensors, oil-gas recovery valves, liquid level gauges, and other components can be installed.

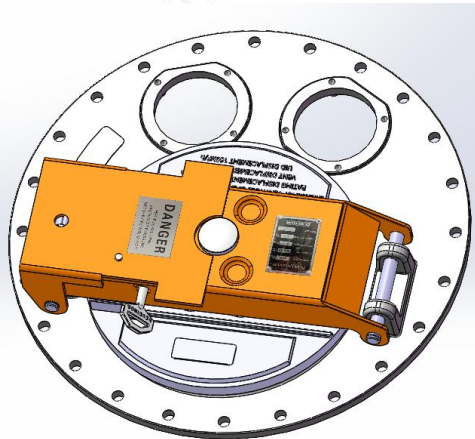
Characteristics of Emergency Pressure Relief Device

1. When the oil tank truck is in a high-temperature environment, the manhole cover can automatically discharge the excessive pressure of the gas inside the tank to ensure transportation safety.
2. Built-in PV pressure relief valve: When there is a pressure difference between the inside and outside of the tank, it automatically adjusts the air inlet/exhaust to meet safety and environmental protection requirements.
3. Secondary opening protection design: When opening the upper pressing plate, the internal pressure is released first, effectively ensuring the safety of operators.

Nominal Diameter	16 inches/20 inches
Emergency Opening Pressure	2KPa-35KPa
Maximum Venting Capacity	34Kpa 7000m³/h
Material	Aluminum Alloy
Installation Method	Flange type/Hinge type/Clamp type
Working Temperature Range	-40℃ +70℃

Oil Tank Truck Components: Manhole Cover Series

GY801A-460



Functional Characteristics

1. Both the large cover plate and the small cover plate adopt precision casting technology, and the surface is treated with anodic oxidation.
 2. Double PV pressure valves can be selected according to requirements for configuration.
 3. The structure is compact, and the manufacturing cost is relatively low.
- There are two installation holes on the large cover plate, which can be adapted to photoelectric sensors and external vacuum valves for oil level detection

