COSMO ADSORPTION PROCESS

HYDROCARBON VAPOUR RECOVERY PROCESS

(CAD-VRU1)

99% Hydrocarbon Recovery

CEC COSMO ENGINEERING CO., LTD.
HYDROCARBON VAPOUR RECOVERY UNIT

CEC has extensive experience in recovering evaporated light hydrocarbons using the Hydrocarbon Vapour Recovery Unit. This process significantly reduces air pollution while preventing the loss of valuable products through evaporation generated during loading and unloading works and storage of oil products such as motor gasoline, naptha and jet fuel.

The unit is for:

- Truck loading/unloading facility
- Tanker loading jetty
- Oil terminal and storage

Features:

- More than **99% recovery** of hydrocarbon vapour with selected Adsorbent (Exceeds the most stringent environmental regulations in the world)
- Very stable and fully automatic operation
- Long life of Adsorbent (more than 8 years)
- Simple configuration and economical construction cost
- Full safety features

CEC, in cooperation with our sister company Cosmo Research Institute, offers a variety of processes to suit your requirements. For further information, please contact us at 65-324-0755 (Singapore) or 81-35462-0166 (Tokyo).

HYDROCARBON VAPOUR RECOVERY UNIT (CAD-VRU1)

PROCESS FLOW DIAGRAM