



LNG SATELLITE PLANTS



LNG Satellite Plants

CMV SRL supplies complete LNG satellite plants "Turn Key", enabling use of Natural Gas at off pipeline locations.

Custom engineered installations can consist of:

Design and Installation conform the European Standard EN-1473 ('Installation and Equipment for liquefied natural gas - Design of onshore installations') and EN-13645 ('Installations and equipment for Liquefied Natural Gas - design of Onshore Installations with a Storage Capacity between 5 and 200 t').

Any other local code.

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Vacuum insulated storage tanks up to 500 m³ gross volume, working pressures in the range of 1-18 bar.

Vaporizers, ambient air-, steam- or water heated. For large flows, gas fired vaporizers up to 12 MW/ vaporizer or sea water heated vaporizer (ORV) can be part of the installation.



Gas heaters downstream ambient air heated vaporizers to ensure minimum gas temperatures under arctic weather conditions.

Interconnecting piping between components including all necessary devices to ensure safe manual or fully automatic operation.

Plant control system in containerized modules.

Satellite plants up to 1.500 Nm³/hr are skid mounted and installed in a couple of hours on site.

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All applicable codes are obeyed by CMV SRL and installations come with appropriate CE marking according to PED 97/23/EC or other certification conform local regulations. The plant control system, built in containerized modules with air-condition and/or heating is pre-assembled and factory tested. This module must be placed in safe/non-explosive area. CMV SRL provides engineering, manufacturing and mechanical/electrical installation as turn-key projects. Normally, civil works and local approvals is for the customer but can be provided as well on request. For temporary installations, mobile plants can be engineered.





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