



# PLANT CONSTRUCTION

## GAS STORAGE FACILITY BORDOLANO Italy





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### Client: Stogit

Stogit, a subsidiary of the Italian SNAM Group, has constructed one of Italy's largest gas storages, on a former gas field. The area of the gas storage plant near Bordolano, southwestern of the lake Garda, covers about 90,000 m<sup>2</sup>. The new gas storage facility is designed for a capacity of 1.2 trillion standard cubic metres. Within a procurement and construction contract, MAX STREICHER S.p.A. realised the gas processing plant and compressor station as well as the connecting lines and cluster drillings.

The operating pressure of the plant is designed for 295 bar. The largest piece of pipe has a diameter of DN 32" with a wall thickness of 71 mm. The semi-automatic welding method, automatic orbital welding and the arc welding method have been applied. The facility is executed according to ASME standards. About 250 STREICHER employees were involved during the execution period.

### Project details

Client	Stogit
Scope of work	Procurement, execution
Scope of contract	3 Double-stage turbo-compressor units (1 x 25 MW; 2 x 15 MW) Gas processing system (LTS-Low Temperature Separator) 7 Connecting lines DN 10" 6 Connecting lines DN 6"
Operating pressure	295 bar
Max. storage capacity	1.2 trillion standard cubic metres
Location	Bordolano, Italy
Execution period	September 2013 – June 2016



### Challenges

- High standards according to ASME
- Tight time schedule

Location:  
Bordolano, Italy