



PLANT CONSTRUCTION

GAS PROCESSING PLANT VIURA (EPF)

Spain



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Client: FRAMES Gas Processing B.V.

About 100 km south of Bilbao/Spain, STREICHER Anlagenbau GmbH & Co. KG Gommern, together with MAX STREICHER Anlagentechnik GmbH & Co. KG, Niederwinkling, have built a gas processing plant according to a modular construction concept. The new plant feeds in natural gas from two different wells into the Spanish gas grid in equal quality. On behalf of the general contractor FRAMES Gas Processing B.V., STREICHER was responsible for engineering and prefabrication of the early production

facility, which is designed for a capacity of 200,000 to 1,000,000 Nm³/d. Within the early production facility, the natural gas passes through several complex technical-mechanical, thermal and chemical processing steps. These processes run successively in different modules, the skid units. The Viura plant consists of 20 skid units, which have been delivered, mounted on site and commissioned.

Project details

Client	FRAMES Gas Processing B.V.
Scope of work	Basic and detail engineering of 20 skid units incl. interconnect piping, steel construction, groundworks etc. Engineering and construction of 26 vessels in the high- and low pressure range as well as a field welded storage tank Fabrication of 20 skid units incl. pre-assembly
Location	Viura Region, Spain (approx. 100 km south of Bilbao)
Space requirement	300 m x 100 m
Design pressure	up to 204 bar
Design temperature	-85°C to +150°C
Material	Stainless steel, duplex, c-steel plated, c-steel
Execution period	March 2013 – July 2014



Location:
Viura Region, Spain (south of Bilbao)

Challenges

- Complexity of the plant
- Development of the basic engineering together with the client (3D-design system PDMS)
- Short execution period