Construction of a new crude salt storage facility



SHORT DESCRIPTION

Implenia Tesch GmbH constructs a new crude salt storage facility for esco in Rheinberg.

THE PROJECT

In July 2015, Implenia Tesch GmbH won the contract to construct the new Saline crude salt storage facility as a replacement for the dilapidated storage hall.

Type and scope of work:

- Once the excavation pit had been created, the solid construction work was begun in order to build the withdrawal tunnel, the silo cellar, and the silo wall and base slab.
- Following on from this, the silos – measuring 18.6 m high and with a diameter of 15 m – were constructed using a quick sliding formwork technique.
- In this process, some 2,000 m^3 of soil were moved and approximately 220 t of reinforcement, 4,200 m^2 of formwork and 1,400 m^3 of concrete were installed.

- An especially notable achievement was completing all of this work within the stipulated construction period of just 15 weeks.
- The drainage and strengthening work was then carried out once this was done.

FACTS

Location	Karlstraße 80, Rheinberg , Germany
Status	completed
Construction volume (value of our services)	1.25 M EUR
Start of construction	June 2015
Completion	October 2015
Contracting entity	esco - european salt company GmbH & Co. KG

SERVICES

Tesch

https://implenia.com/en/references/detail/ref/construction-of-a-new-crude-salt-storage-facility/

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