

# Industrial Tank Design

**REFINERY.** Modern large-scale tank for Petrobrazi refinery.

BY MICHAEL VOLKMANN

**PETROBRAZI.** In June 2020, Romania's leading oil and gas group OMV Petrom awarded Poerner Romania, based in Ploiesti, the EPCM contract for the design and construction of a storage tank at the Petrobrazi refinery. The tank is equipped with all operational and environmental features and has a diameter of 37 meters and a height of 12.5 meters. After successful performance tests, Poerner handed over the tank to Petrom at the end of May 2022.



“from the first screw to the last weld”. The contract included authority engineering, detail engineering, procurement, construction and erection management, and commissioning support. “*With its outstanding dimensions and engineering requirements, this was our site's largest tank farm order to date*”, says a delighted Michael Volkmann, Managing Director of Poerner Romania. In addition to developing a unique firefighting concept, the engineers had to consider the revamp of a neighboring tank on the construction site. At times, three cranes were in use in a very confined space.



**The Pörner team in front of the 10,000 m<sup>3</sup> reformat storage tank.**

Poerner Romania specializes in the refinery, gas, and petrochemical sectors and provides all plant engineering disciplines from a single source to the construction of turnkey plants. The Romanian all-rounder has been a reliable partner in the industry for 16 years. ■