

Application

Process Sample System
Proprietary Products

Location

Asturias, Spain

Maintain Temperature

220°C

Product

O'Brien Electric Traced
TRACEPAK® Bundle

Field traced and insulated lines were not providing consistent temperature maintenance of the product. The control system for each line had to be calibrated for that lines variable performance and they were experiencing hot and cold spots in the same lines. Hot spots were enough to create a reaction in the process and the cold spots would plug the line as the ambient temperature dropped.

Working with the customer we determined that an MI traced bundle was best suited to the process and plant conditions. CENELEC approved products were used and FEA analysis was completed on the final design to determine the T-rating so the system would meet the requirements of a hazardous Zone 1 area.

The initial installation went well and worked as intended. Eventually over 700 meters of field traced sample lines were replaced.