

GF Piping Systems



ELGEF Plus – Big Dimensions

Safe gas supply to the food processing plant

Gas supply for the Agristo food production plant, Wielsbeke, Belgium



Full-scale documentation to minimize warranty risks for the contractor.
On site service of rental pool and training.

Track & Trace from GF Piping Systems secures Agristo's Gas supply



Visser & Smit Hanab

To secure reliable and cost-efficient food production, Agristo requires a 100% safe and steady gas supply for its new plant in Flemish Belgium. Consequently, the contractor was asked to provide measures to minimize the risks of supply shut-downs. To guarantee the best jointing quality of the gas main d355 mm, the installation process was done with GF Piping Systems products – including ELGEF Plus couplers, tools, and welding machines, and it was fully recorded by the Track & Trace system.

Project background

To be cost-efficient, applying economy of scale in food production needs an interruption-free process. In Agristo's new plant in Wielsbeke, Belgium a steady and reliable energy supply of gas is crucial for its production of potato products. The newly installed gas supply line in d355 mm involves a huge gas volume and therefore bears a certain risk to the premises. Therefore, Agristo instructed its contractor Visser & Smit Hanab (V&SH) to take any preventive measure to safeguard the quality of pipe installations for the new production plant.

Selected technical solution

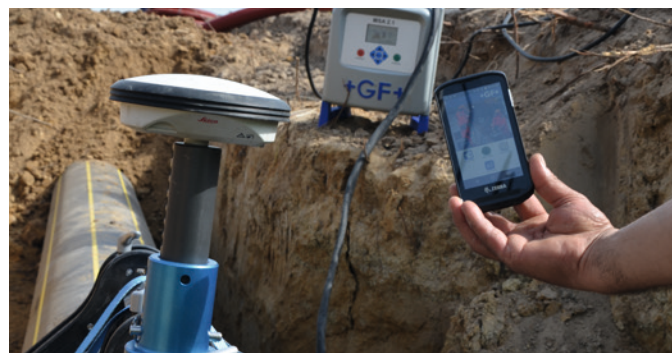
To ensure that the installation was carried out under the best possible conditions, GF Piping Systems Belgium provided on-site product training and a full set of rental machines, tools, and accessories. For maximum quality control, the contractor decided to use the Track and Trace system from GF Piping Systems for 360° documentation including traceability of pipe components, welding parameters, and GPS positioning of joints.

Improvement achieved

V&SH appreciated the local service support package including on-site instructions and all necessary tools (i.e. ovality meters, positioners, rotary peelers, welding machines, GNSS receivers, ...). The additional security of an overall documentation system allowed not only V&SH to prove the quality of its installation service to its customer, but also Agristo to trace the gas pipe line. As a positive side effect, the installation team of V&SH appreciated the easy assembly of the ELGEF Plus couplers, which allowed it to finish the job even under tropical installation conditions (30°C) in due time.



Agristo's french fries production needs a reliable and continuous gas supply.



Track & Trace from GF Piping Systems: Full traceability including GPS positioning, 1 cm accurate, of the joints.

Customer benefits

- Safe, easy and reliable jointing techniques with ELGEF Plus electrofusion couplers with active reinforcement.
- Rental service package provided locally along with on-site training and technical support.
- Track & Trace from GF Piping Systems is the ultimate asset management platform with full documentation of all installed fittings.

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