



Statement - SteelXperts involvement in the installation of Comet Bio's process plant in Kalundborg

Project description

Comet Bio, based in London, Ontario, and Schaumburg, Illinois, has developed a patented upcycling technology that produces innovative, healthy and sustainable ingredients from crop leftovers. Its Arrabina® arabinoxylan plant fiber extract is a premium prebiotic dietary fiber with superior tolerability and functionality. It is clinically proven to promote the growth of beneficial bacteria in the gut, help maintain healthy blood glucose levels, and support immunity.

The project is established in cooperation with a second-generation bioethanol plant where the raw material is delivered. According to the bioethanol plant owners, the cooperation will create a solid and sustainable business for both the bioethanol plant and Comet Bio. The factory will continue to produce second-generation bioethanol and ingredients from processing by-products from the bioethanol process. Process Engineering is involved in the process design of the process plant for the arabinoxylan ingredients managed by our Food & Biotech Sector.

Process Engineering provides consulting services to Comet Bio for its process plant. Process Engineering collaborates across the project with the owner of the bioethanol plant and with authorities in connection with environmental approval.

The installation phases

Process Engineering will act as Comet Bio's engineering/technical staff in Kalundborg, Denmark, where the manufacturing plant is located. Process Engineering will manage the project out of its Aarhus and Fredericia offices under the Food & Biotech Sector.

SteelXperts was selected among several to review the tender material for assembly, installation and hoisting the entire process plants according to PID's and the 3D presentation.

SteelXperts won the bidding round due to their extensive experience in the production, assembly, and testing of complete food production plants. The collaboration throughout the project has been to great satisfaction of both Comet Bio and Process Engineering.

The installation schedule has been extremely tight, and many extra tasks have been added to SteelXperts scope during the project.

All planned and new challenges are received and carried out by SteelXperts with great professionalism and satisfaction without compromising on quality, schedule and other agreements entered.

When it was necessary for SteelXperts to add extra resources to meet Comet Bio's installation deadline – SteelXperts managed to hire skilled and competent stainless-steel welders at short notice.