

INEOS Bamble AS

Location : Rønningen Industriområde, Bamble

Period : 2016-17

Client : INEOS Bamble AS

Field of application : Safety valve

Pilot operated safety relief valve with high maintenance frequency due to limited lifetime of some internal parts. The challenges was large fluctuating process pressure pulses and process pressure very close to set pressure.

Any maintenance required plant shut down of the actual production line.

The manufacturer BHGE Consolidated developed a solution together with the customer based on well proven and existing pilot operating safety relief valve equipment. Consisting of a dual pilot safety valve with a second pilot onto the same main valve assembly and a twin diverter valve to direct the flow through each valve as required, using a manual changeover handle.

This solution allow continuous operation with live changeovers of the pilots, allowing maintenance on one of the pilot valves when needed.

Two complete valve assemblies were ordered and mounted on each of the main production lines.



Håland Instrumentering AS responsibilities and deliveries

- establish contact between product expert at the manufacturer production and maintenance specialist at the customer.
- arrange a visit to the plant together with manufacturers expert for a plant tour and discussion of details of the challenges.
- intermediary between the customer and the manufacturer in the communication up to a new and finished product.
- follow up production progress and update customer.
- arrange training and inspection before the delivery.
- follow up small changes in the design after inspection and before delivery.
- documentation.
- spare parts.



Related lifetime extension services from Håland Instrumentering AS

- Fire & Gas Field Equipment
- Level & Flow upgrade