

BASF Processing Plant Application

During the first half of 1998 BASF built a processing plant near Port Arthur Texas. The refinery has a capacity of 240,000 bbls per day. This 600 million dollar refinery boosts the world's largest cracking tower.

After completion in 1999 the plant went into production in 2001. The refinery produces many different products, one example is Ethyl Propylene.

Our ITT Conoflow GVB12 Snap Acting Relay play's a very important role in the production of each product. The GVB12's are attached to the anti-surge valves on the high volume compressors that control all the process lines during the manufacturing process.

The process design and schematics are proprietary, however we do know the opening and closing of each valve along the process chain is critical.

If the Conoflow GVB12 Relays are not operating properly the whole system can be effected causing major problems to all the process lines and could result in production shutdowns.

This year was the first schedule shutdown at the Port Arthur Texas site. After more than five years of service only one of the twelve GVB12's installed at the Port Arthur site may have had a problem. It was stated that there were some questions regarding one unit but the installers could not determine if it was a defective relay or if it was damaged during the shut-down period.

BASF is very pleased with the performance of the Conoflow GVB12 Series Snap Acting Relays installed by Masoneilan Valve Corporation.

Masoneilan Valve Corporation selected the Conoflow GVB12 Relay due to it long life and success in the industry plus its simple design.

