

P R E S S R E L E A S E**SchuF Fetterolf selected for a major new Delayed Coking valve project in Canada**
Delayed Coking

Frankfurt, November 18, 2008 – The SchuF Fetterolf Group has been awarded a significant new Delayed Coking contract by a leading Canadian oil and gas company. The new Delayed Coking Unit (DCU) will be built in Montreal and will increase capacity of the refinery by 25,000 barrels per day.

The contract includes multiple thirty inch (30" / DN750) isolation valves with integral draining functionality (ASME 300# to 600# with A217 C12 as the material of construction) and 5 purge/flush ports. Actuation is electrical utilizing the two motor principle and local control units with switches and lamps are supplied. The isolation valves play a critical role in the coking process and must operate in severe conditions with temperatures reaching 930° F and with abrasive coke particles in the flow. The new valve design called the SchuF IsoPlug was chosen for the project due to a number of factors including the unique "3 line Coking Defence System (**3 CDS**)". 3 CDS is a package of features which eliminates the possible build up of coke particles in the valve. The first line of defence is flushing during plug lifting and turning, followed by draining to an integrated drain valve. The final element is the possibility to retract the bottom plate of the valve in order to hydro blast the seat area. This can be done without taking the valve out of the line and is possible during alternative drum cycles.

Dr. Martin Frank – CEO of the SchuF Fetterolf Group commented: "We are very pleased with the contract award. We have worked very closely with the coking industry over the past 3 years and noted all of the issues that affect traditional coking valve designs. Such issues as high purge steam consumption, reliability, casting quality, proprietary spare parts and functional & operational deficiencies) have all been addressed with the new IsoPlug design."

SchuF will be exhibiting the IsoPlug and SwitchPlug range of coking valves at Coking.com shows and Achema in Frankfurt in May 2009.

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Company Profile: **SchuF** **FETTEROLF**
German Precision Engineering

SchuF Fetterolf is a leading global supplier of speciality valves to the chemical, pharmaceutical, oil, gas and petrochemical industries. The company was founded in 1911 by the inventor of the flush bottom outlet and lift plug valves – Dr. Josef Frank. Today SchuF Fetterolf employs 300 people (of which 50 are design engineers) and revenue of US\$ 87 million in 2007. Headquartered in Eppstein, Germany, SchuF has design and manufacturing facilities in Germany, Ireland, USA, Brazil and India and sales and representative offices in over 60 countries.

SchuF produces a broad range of custom industrial valves and is a world leader in valves for PTA, Polymers, Coal gasification & Liquefaction and many chemical processes.

IsoPlug Photo:



20 inch IsoPlug (Side View)

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