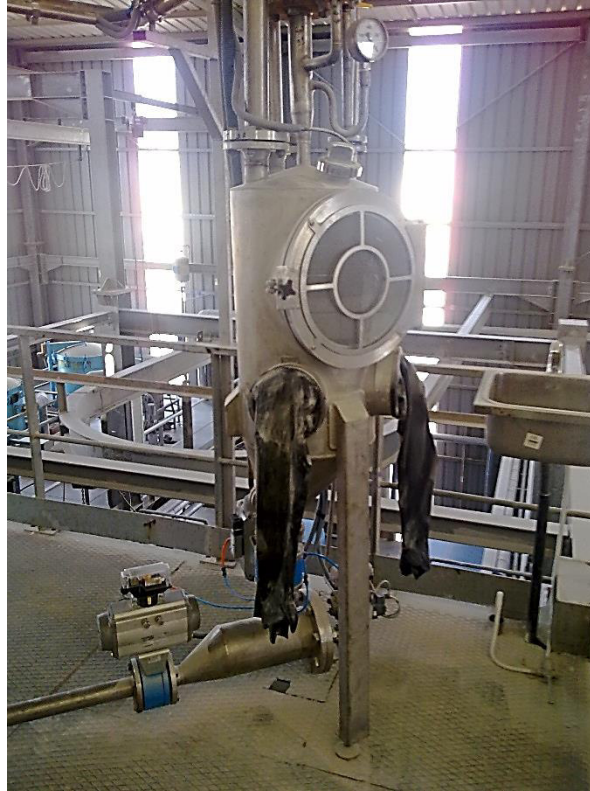


Glove box for catalyst handling in interesterification plants



- Improve the handling of dangerous chemicals by a glove box.
- The entire chemical bags (double sealed) will be put via the transparent front panel into the glove box. The opening of the bags is done from outside by use of the gloves under vacuum conditions.
- The dosage of the catalyst and transport into the reactor is carried out by a pneumatic lifting system.
- Potential self-ignition of the catalyst is suppressed by temperature measurement and automatic nitrogen purging.
- The design of the glove box in stainless steel and glass insures, that it stays tight also in case of self-ignition of the catalyst. The safety equipment like the temperature measurement and the automatic nitrogen purging ensures safeness even in extreme situations.