

# PROTEGO® Mobile Test Flanges

**A development that pays off...**



**Certified by IBExU for use in Ex-zone 1 and 2 for substances of explosion groups IIA (NEC D) and IIB (NEC B).**



*Test flange in use with PROTEGO® UB/SF*

## **Challenge**

The onsite checking of the pressure and vacuum settings of valves fitted on the top of tanks needs to be as easy as possible as well as accurate. This accuracy requires high standards from our service engineers as well as from our customers.

## **Solution**

The use of mobile test flanges developed by PROTEGO® which can be specified according to the requirements of our customers.

## **Advantage**

- **Checking of the settings of pressure and vacuum relief valves**
  - on-site after a prolonged period of use
  - especially useful for liquid loaded diaphragm valves
- **Reduction in time and costs**
  - no need to transport the valve into the workshop
  - eliminates the need for a crane to remove the valve



*for safety and environment*

...financially and for your safety

## Function

The mobile test flange is mounted between the valve flange and the connecting flange on the tank. A wide FPM - seal ensures tightness between the valve and the test flange. Using three of the four connections on the test flanges it is possible to load the valve with pressure and vacuum. The explosion proof digital manometer indicates the pressure setting of the valve. The PROTEGO® service technicians can bring with them compressed air tanks for pressurising the valve. Alternatively the on-site compressed air supply can be used. The vacuum is generated by a handheld vacuum pump. The fourth connection is opened towards the tank which can be used for monitoring the tank.

## Specification

- Test flanges for six nominal sizes and accessories are available as complete case set

### Case 1: Accessories

(digital explosion proof manometer, handheld vacuum pump, tool kit, adapter and hoses)

### Case 2: Flange DN150 and DN50

### Case 3: Flange DN125 and DN65

### Case 4: Flange DN100 and DN80

suitable for EN/DIN and ANSI flanges

- flanges made of stainless steel
- FPM sealing between test flange and valve flange
- the case and its contents are certified by IBExU for explosion in hazardous areas
- quantitative leakage rate measurement is not possible with this equipment



In case of questions feel free to contact us!  
Our **PROTEGO®** team is happy to advise you.

## Contact

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