



# Online pressure safety valve testing

No loss of production, better cost savings

Intervention  
within  
24 hours



*Pressure safety valves installed on industrial plant protect life of employees and avoid damages on equipment in case of excessive pressure. A periodic calibration is one of the most important requirements to ensure that the safety valves will provide this critical protection.*

## In-situ testing

Our **expert team** is **specialized** in maintenance interventions as well as in-situ testing. The work consists of testing the pressure relief valve to the **full operating conditions** to confirm setting pressure. Equipped with the PreVenTest machine, VGSA is able to test your pressure safety valves on site **without interrupting the process operation**. With this so called 'hot testing' the safety valve stays on-line and no dismantling of the valve or plant shut-down is required.



## Customer benefits

- No plant shut-down
- No dismantling of the valve
- No loss of productivity
- Important cost savings



# Features

- Hot testing for plant under operation & Cold testing for commissioning
- Cover wide range of industries application  
Power, Oil & Gas, Petrochemical, Chemistry, Polymers, Food & Beverage applicable to all types of fluid (steam, water, oil, etc.)
- Software includes technical information necessary for calibration  
Calibration for a wide range of brands, types and sizes such as Sarazin/RSDB, Leser, Dresser
- Online relief valve tester with computer controlled pulling force  
Allow fast, safe and efficient automatic testing
- Operated in accordance with strict control procedures centered on ISO 9001  
Equipment Certified Lloyd's
- Measure pressure and performance of safety valve  
Expert trained and qualified
- Identify PSV's in need of repair without plant shut-down  
Only valves requiring overhaul are removed from the line
- Test and calibration report immediately issued  
Accurate set pressure 3 times in a row and performance of the safety valve



Déplace la photo vers le bas si possible pour éviter le tiret

## Case study

### ESKOM MEDUPI POWER STATION CALIBRATION OF SAFETY VALVES

VGSA calibrated 7x 10" safety valves within a day, avoiding removal & installation of the PSV.

- A 12 hours intervention instead of 4 days to calibrate these safety valves
- Accuracy of the calibration as per statutory requirements
- Certificate of calibration with graphic curves instantly issued



Justifie le texte par rapport au carré bleu

VGSA is a subsidiary of Valco Group France, leading expert in valves solutions and manufacturer, including other brands : Guichon Valves, Malbranque, SNRI & VVS ; SEREG, SERGOT, SERSEG.

Valco Group SA is ISO 9001:2015 certified & BEE Level II. Based in Cape Town, we have a 1000m<sup>2</sup> workshop where we can perform complete overhaul of industrial valves.

#### THEY TRUST US

GE POWER

- ESKOM
- TOTAL
- SASOL
- ARCELOR MITAL

- ENDEL
- AIR LIQUIDE

Centre les noms des clients par rapport au carré bleu

#### S PROVIDED

IN-SITU MECHANICAL & CONTROL VALVE REPAIR

ONSITE MOBILE CONTAINERIZED WORKSHOP

RECONDITIONING OF ALL TYPES OF VALVES & BRANDS

TECHNICAL EXPERTISE FOR TROUBLE SHOOTING

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