

PIONEER I / PLUS +

Safety valve is a major requirement acting as a protection in all production facilities, especially in high temperature boilers. Overpressure of this kind of boiler could put lives, property, and other assets at risk.

We have 20 years of experience in Valve Testing and Repair for global multinational chemistry company, industrial gases suppliers and for government-owned Petroleum company. With the experience and data we gained, we developed Pioneer I / Plus+ to sharpen our PSV testing work, enhanced our capability in valve calibration and repair services. The function of the valve is assessed during operation, where **no dismantle of valve is required**. The biggest advantage is the valve is assessed under their correct operating conditions!



Advantages

- Provide ONLINE testing of pressure safety valve on regular basis **without dismantling the valves or shutting down the plant**. This saves cost on energy and manpower.
- Setting the pressure of safety valve which has been forced back after pop-up during production.
- It is small and light for our technicians to carry it around to whatever locations for valve test. Provide the flexibility for valves testing at high position.
- Testing and setting the pressure of safety valves offline but without disassemble them, especially for high temperature boiler.
- Testing and setting the pressure of welded safety valve online and on-site.
- The result of calibration from offline testing/using test bench might be affected during transportation and installation. Pioneer I/Plus+ can be used very conveniently to re-calibrate them.
- Reduce the influence towards valve spring due to high temperature in boiler and pressure vessels.
- No plant shut down for annual overhaul based on regulatory requirement.
- On-site calibration without impact of back pressure.

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