

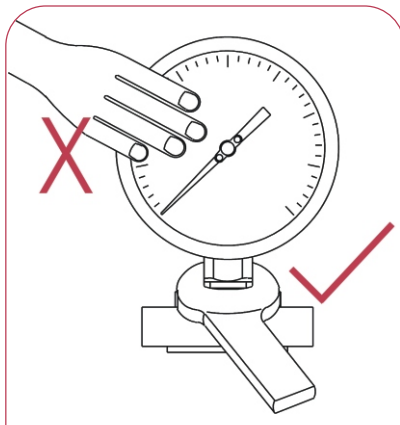
Most pressure equipment must meet the requirements of the Pressure Equipment Regulations 1999 and, for that equipment not covered in the regulations, the more general requirements of the Pressure Systems Safety Regulations 2000 apply.

PCI's pressure gauge ranges are fully compliant with the legislation. Under the regulations the user is entirely responsible for ensuring correct gauge selection, installation and maintenance. All companies must provide safe and suitable equipment and when installing new components, ensure that they are suitable for their intended purpose and installed correctly.



Under the Pressure Systems Safety Regulations 2000:

- * a written scheme of examination is required for most pressure systems.
- * employers must ensure a safe system of work, so that maintenance work is carried out properly and under suitable supervision.
- * a full set of operating instructions are required for all the equipment and the control of the whole system including emergency procedures.
- * appropriate employees must have access to these instructions, and should be properly trained in the operation and use of the equipment or system.



Tightening the gauge by using the case may cause damage.

- * Do not use the case as a means of tightening as this may cause damage to the instrument.
- * When tightening direct mounting gauges apply torque to the connection by means of a spanner to prevent damaging the gauge.
- * Before pressurising the system for the first time, check the tightness of the connection seal.
- * All instruments must be mounted in such a way that the dial is vertical, unless otherwise indicated on the dial itself.
- * When the instrument includes a safety device such as a blow-out device or blow-out back, this must be at least 20 mm from any other object.
- * For wall- or panel-mounted instruments, make sure that the pipe conveying the pressurised fluid is connected to the instrument coupling without exerting torsion or force.

For further Health and Safety information on pressure systems and equipment, visit the HSE Safety Policy Directorate website at <http://www.hse.gov.uk/spd/spdpres.htm>.

For further installation standards data see ASME B40.1-1991 and EN 837-2.