



Inspection of compressed air tanks

Do you use compressed air tanks in your company or organisation? Have you complied with the statutory obligation to commission the conduct of regular inspections to meet the safety objectives? Our experts are authorised to conduct such inspections.

Your tailor-made solution

Enterprises or institutions that use compressed air tanks are required by law to have such installations regularly inspected to fulfil the safety objectives. In order to ensure that these inspections are conducted with complete objectivity, the law prescribes that they must be carried out by an EDTC (External Technical Inspection Service – earlier known as “authorised inspection body”) and/or by an authorised environmental expert in the Pressure Vessels discipline (Flanders Region) and/or by a registered institution (Wallonia Region).

It is mandatory under the law to have compressed air containers inspected. However, there are also a number of other equivalent installations that at least potentially involve the same level of danger, such as for example,

- sprinkler systems
- pressure vessels for spraying certain products (cement, paint, etc.)
- build up reservoirs
- container used for damping/braking of a machine
- container for operating a valve.

Our inspectors conduct the aforesaid inspections in accordance with the provisions of the law. We offer a wide range of inspections that can also be combined with others, depending on the condition of the devices inspected:

- Investigation before (re-) commissioning:
 - verification of the construction documents
 - presence and proper operation of the safety arrangements required by law
- Periodic inspection:
 - external inspection
 - internal inspection
 - tests of the safety elements required by the law

Your result

This service will ensure that you satisfy the statutory obligations.

Please note

Legislations

For the inspection prior to commissioning and periodic inspections:

- the order of the Walloon Government requires periodic monitoring in case of volumes exceeding 150 litres, and requires the container to be under pressure;
- according to the VLAREM (Flemish Region) the volume must be greater than 300 litres and the pressure must be higher than 1 bar;
- in the Brussels Capital Region, the permit should always be examined.

For the construction:

- the directive 2009/105/EG (formerly 87/404/EEC relating to simple pressure vessels came into force on 1st July 1990. This directive lays down the terms and conditions for the inspection of these vessels, on the basis of which they can be brought into the market in all Member States, and put into service.
- the directive 2014/68/EU (formerly 97/23/EC) relating to pressure equipment came into force on 29th May 2002.

Norms and Standards

The harmonised standard series NBN EN 286, NBN EN 571, NBN EN 1011, etc. can be applied to fulfil the essential requirements of the aforesaid directive

In which situation?

Companies or institutions that use compressed air tanks.