

# Test regulations for Vetter Safety Cushions

## Safety Cushions SP 16 (up to 16 m/52 ft.) + SP 25 (up to 25 m/82 ft.)

### Inspection after every operation without load

#### Visual Inspection

- Complete safety cushion
- Inflation hose
- Compressed air bottle
- Pack cover



- Inspection for internal foreign bodies
- Visual inspection for obvious damage
  - Zip
  - Seal
  - Separation cover
  - Floor covers, if necessary clean and dry
  - Exchange compressed air bottle

### Inspection after every operation with load

#### Visual Inspection

- The same as after every application without load
- Additionally inspect the following:
  - Collection cover
  - Seam and adhesive bonds
  - Support frame for damage on all sides
  - Side covers and ventilation openings on all sides
  - Connection side covers to the separation covers



#### General function inspection

- Inflate the safety cushion
- Check erection characteristics
- Function test
  - Safety valve
  - Deflation valve
  - Inflation hose
  - Pressure loss with test manometer

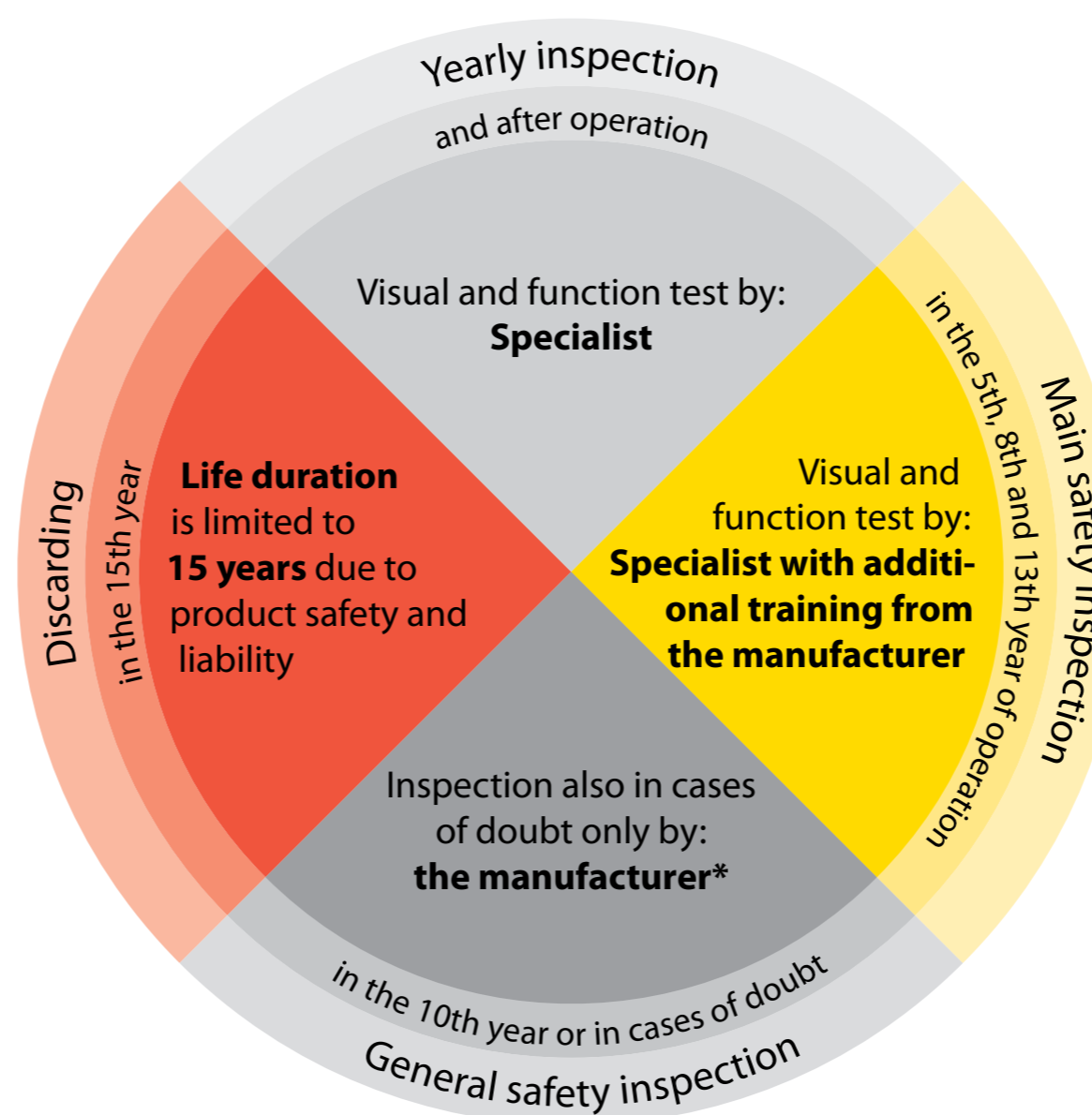


### Main safety inspection

- Visual and function check the same as after operation with load

### After 5 years in addition to the main safety inspection

- **Exchange of connection hose (after 5 and 10 years)**
- **Sealing test**
  - Exchanged connection hose
  - Deflation valves and safety valve
  - Support frame with test gauges
- **If necessary exchange** deflation valves, safety valve and inflation hose (after 5, 8, 10 and 13 years)
- Finally test with the exchanged parts
- **Weight drop test**



### The specialist:

The specialist is qualified for testing the fittings and equipment of the fire service if he has, owing to specialized training and experience, sufficient knowledge in the area of the fittings and equipment to be tested. In addition to this he must also be conversant with the pertinent work regulations, accident regulations, guidelines and generally recognized technical regulations (e.g. CEN Standards, ISO standards) so that he is able to assess the safety condition of the corresponding fittings and the corresponding equipment.

The specialist must have had professional training and specific fire service training (e.g. as a mechanic for fire service equipment) by which professional knowledge and specialized knowledge can be substantiated. He must have practical experience of fittings and equipment belonging to the fire service and know causes which induce testing. In order to maintain his qualifications, he must undergo regular examinations and attend suitable, continuous and advanced training courses.

### The specialist with additional training from the manufacturer:

Competent are trained or authorized skilled staff for the execution of the corresponding examinations of the manufacturer.

### User:

The user is the person responsible for using the corresponding equipment.

### \*Manufacturer:

Only Vetter GmbH is the manufacturer and is especially responsible for the manufacturer's test of the corresponding equipment by authorized skilled staff.



Neon yellow with "Blue Circle"



White with "Black Cross"

## The new Safety Cushion SP 60 for jump heights of up to 60 m/196 ft.

### Inspection after every operation without load

#### Visual Inspection

- Complete safety cushion
- Filling hoses
- Blower
- Pack cover



- Inspection for internal foreign bodies
- Visual inspection for obvious damage
  - Horizontal separation and connection cover
  - Floor covers, if necessary clean and dry

### Inspection after every operation with load

#### Visual Inspection

- The same as after every application without load
- Additionally inspect the following:
  - Landing cover
  - Seam and adhesive bonds
  - Side covers and ventilation openings on all sides
  - Connection side covers to the separation covers



#### General function inspection

- Check erection characteristics

### Main safety inspection

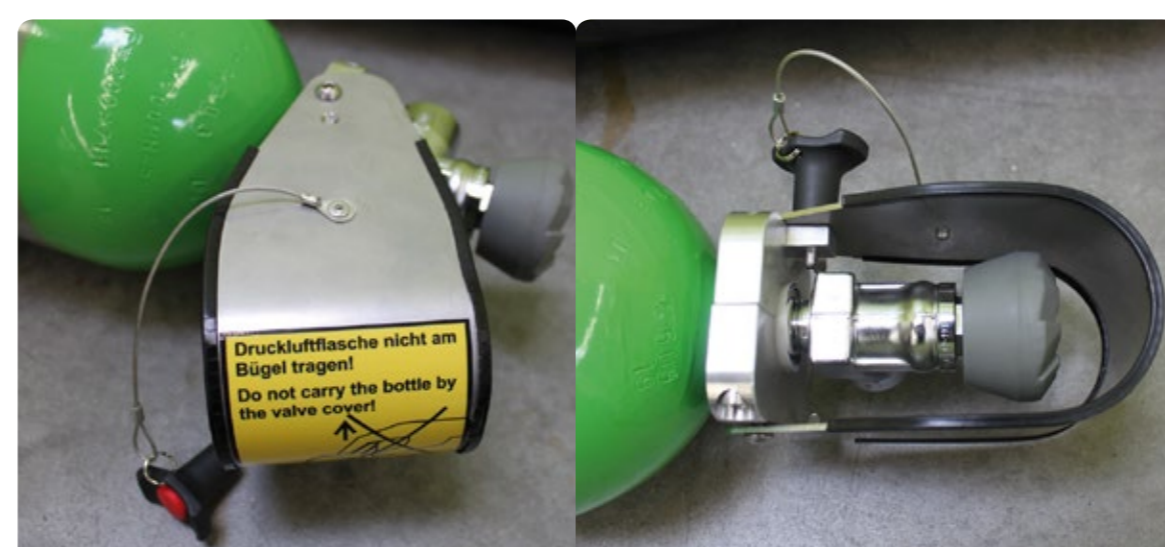
- Visual and function check the same as after operation with load
- **Weight drop test**

## Vetter Valve Protection

### for compressed air cylinders 6 l/300 bar

Different hand wheels on 6 l/300 bar compressed air cylinders require different safety measures in order that the valve does not unintentionally open due to vibration or during transport.

It is for that reason that we have developed a suitable valve protection for 6 l/300 bar compressed air cylinders having a neck diameter of 27-30 mm (other sizes on request) this has been registered as a patent.



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