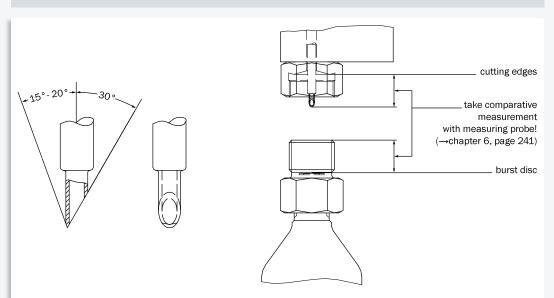


${\sf TEST\ INSTRUCTIONS\ FOR\ CO_2-BOTTLES}$



In accordance with the ADR hazardous goods law, part 4, table 2 (liquefied and dissolved gases) under ${\rm CO_2}$ and UN 1013 a test period of 10 years is indicated.

The maintenance of the refillable ${\rm CO}_2$ -bottles is performed at least once a year. The maintenance includes the testing of the net weight of the ${\rm CO}_2$ -bottle(s). A maximum of 10 percent weight loss is allowed. The maintenance also includes the visual check for external damages and rust.

Test Instruction

Test instructions for CO₂-bottles-opening needles

Before the CO₂-bottle is screwed in by the technician, the following must be assured:

- 1. The opening needle must be inside and outside exempt from residues, exempt from plastic covers as well as exempt from residues of a perforated bursting disk.
- 2. The opening needle must have the shape as is illustrated in the figure above.
- 3. The opening needle must absolutely be undamaged.
- The correct length of the opening needle is easy to control with the measuring probe.
 (→chapter 6.3, page 241, "Measuring Probe")