

VALPRO can tests

In can production process VALPRO team follows not only international quality requirements, but also high self-set standards are considered. Before cans come to users, they are accurately tested with various routine tests and careful monitoring and random batch tests:

Leakproofness test



The can is filled with water and internal pressure is raised to 2.5 bar.

During the test can's pressure strength, leak-proof and stability is tested in circumstances of changing internal pressure.

Drop test



The can is filled with water and can is dropped from 1.2 or 1.8 m height in different positions.

Test verifies can's strength and ability to remain leak-proof subject after a fall.



Stack test – the test imitates 3 m high stack of cans, which causes 155 kg weight pressure on the can. Test verifies can's strength in circumstances of stacking.

Holder strength test



The can is filled with 20l water and dropped from 305 mm height. Each bar of holder is tested.

Test verifies holder strength and integrity of the can.

Fire and heat test



Can is filled with 10l fuel and it is placed in flames for 120 s.

Test verifies can resistance to heat and explosion.

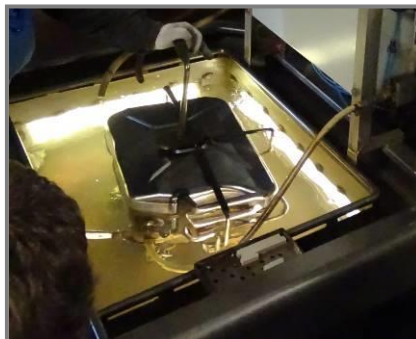
Can tests procedures you can watch here:

<https://www.youtube.com/watch?v=ktjY25s2lbA>

Daily tests:



Internal coating fuel resistance test



Hydraulic test – 0.3 bar



Internal and external coating monitoring