

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:

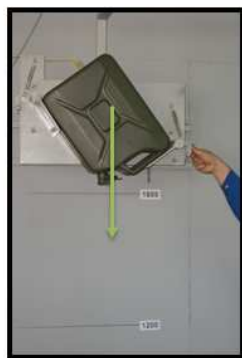
Hydrostatic pressure and stability test



The can is filled with water and internal pressure is raised to 250kPa.

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

Drop-down test



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

Test verifies can's strength and ability to preserve hermetism after a fall.



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

Holder strength test



The can is filled with water and dropped from 305mm 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 120s.

Test verifies can resistance to heat and explosion.

Can tests procedures you can watch here:

<http://www.youtube.com/watch?v=25PDRWXnGKg>.

Daily tests:



Internal coating fuel resistance test



Hermetism test – 0.3 bar



Internal and external coating monitoring