

This accident occurred during the filling of a 2000 m<sup>3</sup> LPG sphere, resulting in the death of one worker and leaving another seriously injured.

The sphere was 80% filled with water and at that moment the legs collapsed.

The last hydraulic test had been carried out 10 years ago and the last inspection of the legs 5 years ago.

After the accident, it was verified that the steel had been reduced by 8 mm, with holes of up to 10 cm<sup>2</sup>.

After the analysis and testing of the steel beams and the concrete, it was concluded that the severe corrosion of the legs and the concrete was caused by water seepage through the fireproof protection.

