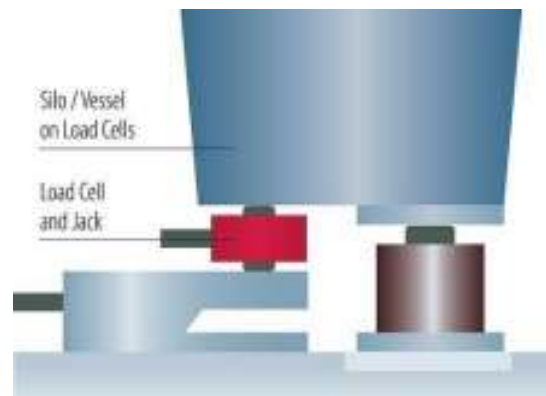


Force calibration for silos and vessels mounted on load cells

Avery Weigh-Tronix of Smethwick, UK, has introduced force calibration as a quicker and more convenient method to test approve silos which are mounted on load cells. Traditional vessel calibration involves one of two methods: either a minimum of 500kg of test weights need to be delivered to the customer's site, or the vessel is filled with a measured material using a flow meter to achieve a precise weight. Both options are disruptive and involve significant downtime. Force calibration uses hydraulic pressure instead of weights and normally there is no need to empty the vessel. The method involves applying force to the installed load cells and measuring that force with an independent set of high accuracy reference load cells. www.averyweigh-tronix.com



Avery Weigh-Tronix's force calibration for vessels mounted on load cells