

To: All Galiso Volumetric Hydrostatic Test Equipment Users

It has come to our attention that unsafe cylinders with greater than 10% permanent expansion have been returned to service with the disposition of "PASS" on the Galiso Volumetric Hydrostatic Test system report.

PASS is NOT a valid test disposition for the Volumetric Hydrostatic Test that these systems perform on cylinders that are required to pass a Volumetric Hydrostatic Test where the expansion of the cylinder is measured and evaluated.

The valid test dispositions for cylinders that are required to pass a Volumetric Hydrostatic Test are:

PPP, PPN, and PNP

The first PPP disposition indicates that the cylinder passed the visual inspection, passed the percent permanent evaluation, and passed the elastic expansion evaluation.

The second PPN disposition indicates that that the cylinder passed the visual inspection, passed the percent permanent evaluation, and that the elastic expansion evaluation is not applicable to the cylinder being tested.

The third PNP disposition indicates that the cylinder passed the visual inspection, that the percent permanent evaluation is not applicable to the cylinder being tested, and passed the elastic expansion evaluation.

Galiso Volumetric Hydrostatic Test systems use the "PASS" disposition for following purpose:

1. The positive result of a proof pressure test that does not evaluate the expansion of the cylinder being tested because no criteria was entered for evaluating the percent permanent expansion.

Please print this Safety Alert and post it next to your Galiso Test System and make sure that the operators of the Test System understand the importance of this subject.