

operational pressure, the test is considered to be completed with the pipeline passing the hydrostatic test.

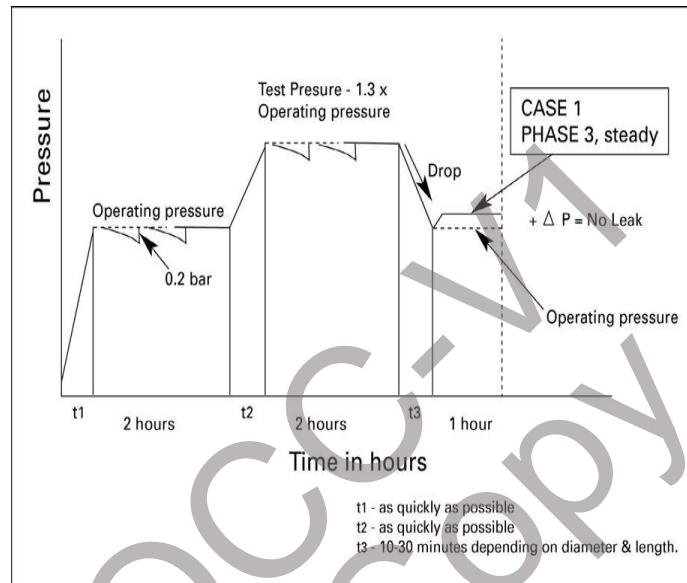


Figure 20-1: Graphical Representation of the Hydrostatic Test Process Case 1

Above Figure shows Graphical Representation of the Hydrostatic Test Process Case 1 – Pipeline passes test without adding any make up water

Phase 3 – Case 2

If after one hour the pressure in the pipeline has fallen below the operational pressure, water shall be added to raise the pressure back to the operating pressure level, having first noted the low pressure before adding any water.

Phase 3 – Case 3

Measure the added water by draining it off into a measuring cylinder. (i.e. reduce pressure to the previously recorded low value and save the water bled off). The measured quantity is then compared against the allowable quantity to determine if the pipeline passes the hydrostatic pressure test.