

Pressure Test Briefing Q&A

Please see the below list of compiled questions, taken from the Pressure Test Briefings (1&2). Questions are displayed in grey, while answers are in orange.

If you have any further questions in addition to the below, please email Box.DueDiligence@Cadentgas.com

“Is there a link for an external website?”

<https://cadentgas.com/>

“Can you clarify ground temperature?”

MSL/1-37.0.4.3, Table 1 37.1 does consider seasonal effects, but local temperature deviations should still be considered via x 2 appropriately positioned ground probes to be determined by the CP. Please take into consideration that we’re not asking you to provide any additional requirements, simply that we have the information we require as a party with a vested interest.

“What is short duration by definition?”

Short duration can be defined by numerous determinations, it should be less than 2 hours and by use of an appropriately tolerance gauge (See compatibility matrix MSL/1, BS EN 837-1 & TD/3-7.1.8).

“What is the cut-off time for duration as per 37.3?”

Although most short duration tests are normally below 2 hours duration, Table 37.3 can be used for longer duration tests if a test instrument is accurate to 3 mbar i.e., when using calibrated electronic pressure instruments within a range 0-10.5bar with an accuracy required of 0.0285% i.e., a Druck DPI 705E IS-2 (2bar) or Druck DPI 610/615 Series instrument but that gauge must also be an absolute gauge considering atmospheric pressure.

“Pipe Exposure (Ambient Temperature)?”

The pipe should be reinstated, if this is not the case and appropriate safety concerns have been remediated, the exposure shall be calculated and updated within a submitted certificate.

“Internal Review Requested?”

Cadent will be expected to carry out any PT to required specifications of MSL/1, any case that identifies otherwise. shall be reviewed and rectified case by case.

“TD/4 Electronic Observation made for no loss?”

Will be reviewed at next industry PT forum panel.

“What are ideal intermediate readings?”

Long duration, intermediate readings should be considered, this shall allow long duration tests to be ratified for pressure deviations, it shall also allow failures to be reviewed and remediated at an earlier point (TD/3 A4.5 Note 2).

“Will there be a completion file checklist (pressure test) update for external website?”

A checklist will be provided via briefing note.

“How long should the stabilisation period be?”

30 minutes. MSL/1 – “Following the period of the temperature stabilisation and where appropriate the conditioning period, the initial pressure reading shall be taken. Where appropriate and the conditioning period allows, temperature stabilisation period may be reduced, however this can only take place following two successive test readings taken at least 30 minutes apart that confirm that the test pressure has stabilised.”

“Do we accept a service card for 32-64PE services, tested to 100mb?”

We do accept as per CAD/PM/MSL/1. (Version as per external website)

“Test certification for services, is job card applicable?”

Information will still need to meet minimum requirements, but yes, it's acceptable.

“What is required for CSEP's, how long is the stabilisation period?”

As per MSL/1 – 2 Hour stabilisation period (There is not a requirement to state pressure readings at the beginning).

“Do we need to show stabilisation on 5-minute tests (<100 bar)?”

No, as per TD/4.

“How do we determine gauges are fit for use?”

Gauges need to conform to the accuracy requirements of TD/3 7.1.8 or GIS/TE/P6.3, we will allow reasonable time to clarify, but ultimately any gauge not fit for purposes of stated accuracy will result in the rejection of a certificate. See Briefing note.

Cadent accept Comark C9505IS on the proviso of longer duration low pressure test is applied, as per table 37.4 MSL/1.

“How do we deal with existing tests, that have failed in the interim of the briefing being issued?”

A bespoke process will be implemented on a case-by-case basis that will allow us to review certificates submitted prior to the briefing being issued and in effect, we will review (rejected test certificates), which may/may not assist in supporting the progression of said certificate.