

# CALIBRATION: UNDERSTANDING YOUR TECHNICIAN

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The Calibration procedure ensures that the readings delivered by a measuring instrument, is within an acceptable tolerance limit. To monitor that the value provided is correct, the equipment is compared with a calibrated reference instrument of a much higher accuracy. This confirms the accuracy and reliability of the instrument. Technicians are skilled, highly trained professionals who perform the Calibration process.



Some Technicians acquire training through apprenticeships, however these are usually for those training in specialist subjects. On the other hand, a large number of Technicians will receive training from their employer, which when complete, can lead to an ONC (Ordinary National Certificate) and HNC (Higher National Certificate) in instrumentation and engineering.

In order for Technicians to be able to complete the Calibration process, they possess the ability to think logically and solve technical problems alongside a good eye for details and accuracy. The Technician will also have a strong understanding of the importance of Calibration and the consequences as a result of improper Calibration.

At the start of the Calibration process, Technicians will diagnose the issue preventing the instrument from performing properly, and then follow the most suitable steps to correct this.