Hello, this a video for Engineering Measurement & System Monitoring unit, learning outcome two, where we have to do calibration.

Here we are showing calibration of temperature. There is a process tank where the temperature of the water can be measured, there is a heater element to heat the water to give a range of readings. We have a calibrated instrument and the other one is getting checked against it. So two readings 18.6 and 18.1, then allow the temperature to increase to get a range of readings. Results can be filled in the same table, the error can be worked out for the instrument to see how much it needs adjusted by.

Thank you for listening.