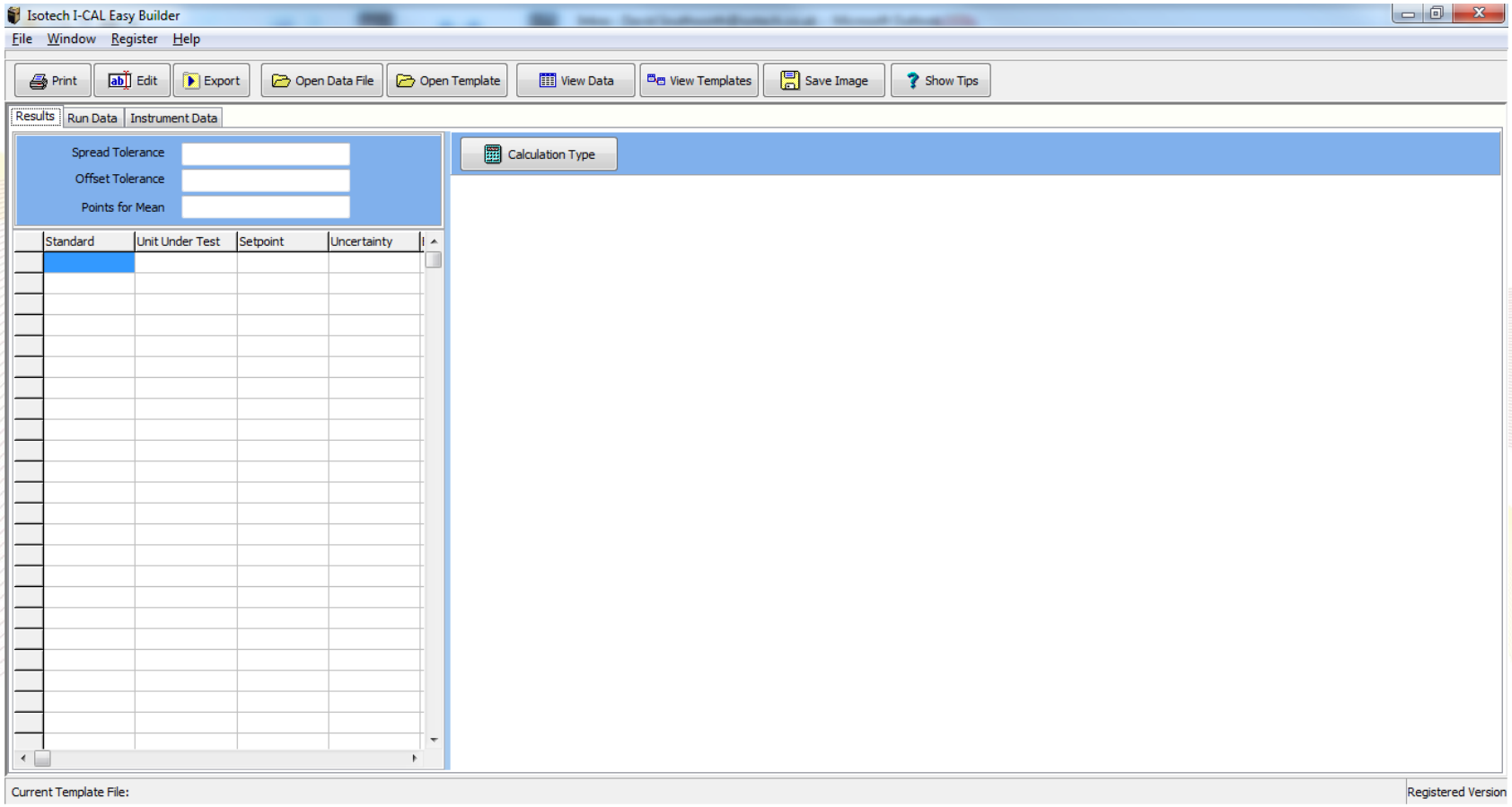
Using Isotech milliK and I-Cal Easy

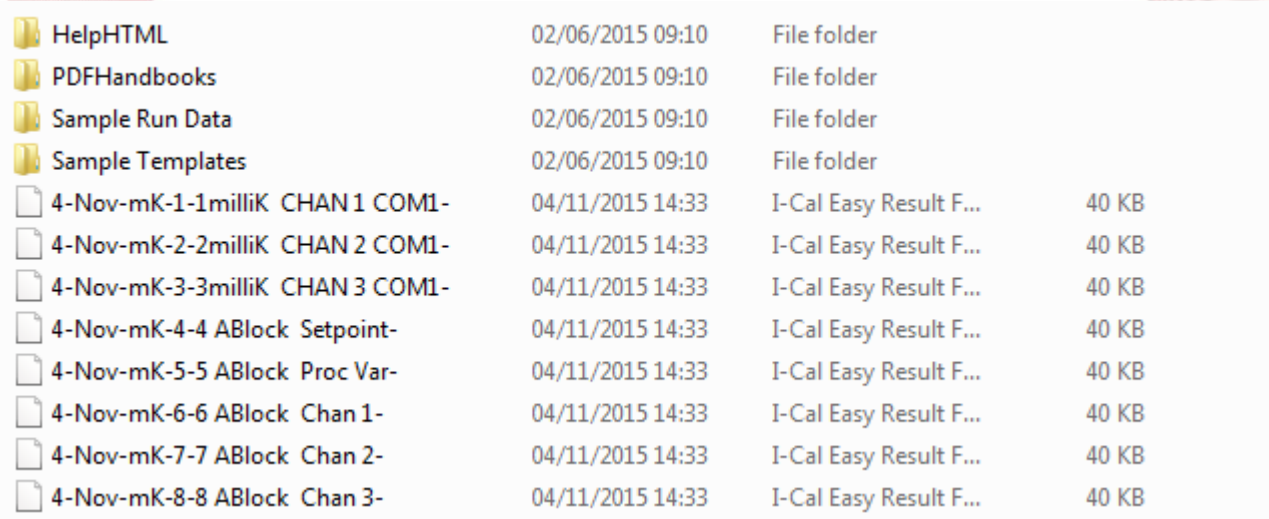
- Part Two
- Results and Certificates
- Start the Certificate Builder

Certificate Builder

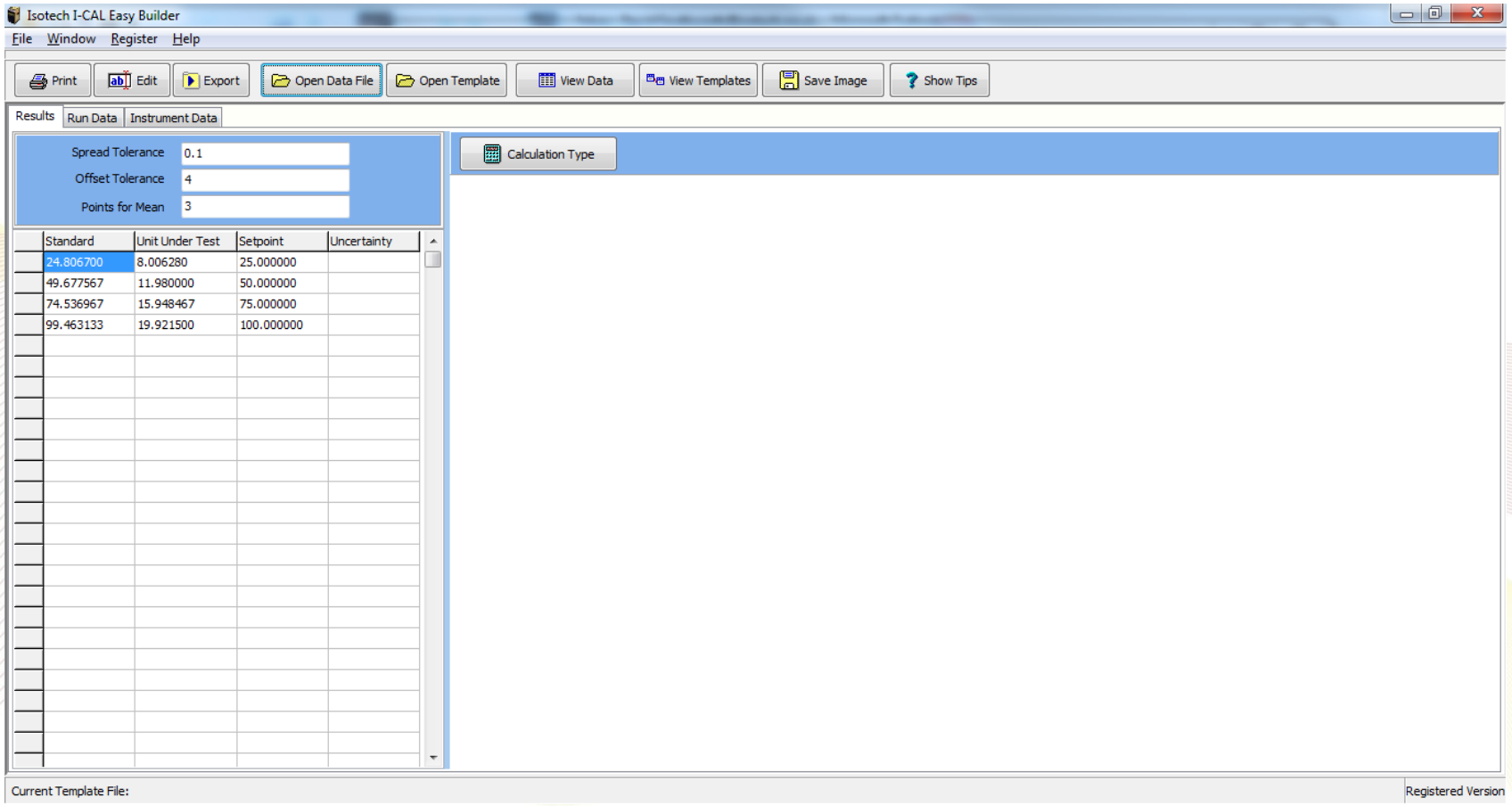


Press START – Open Data File and Select CHAN 3

- The results are stored on for each channel
- We open 4-Nov-mK-3-3milliK CHAN 3
  - (Channel 3 of the milliK – Current Input)

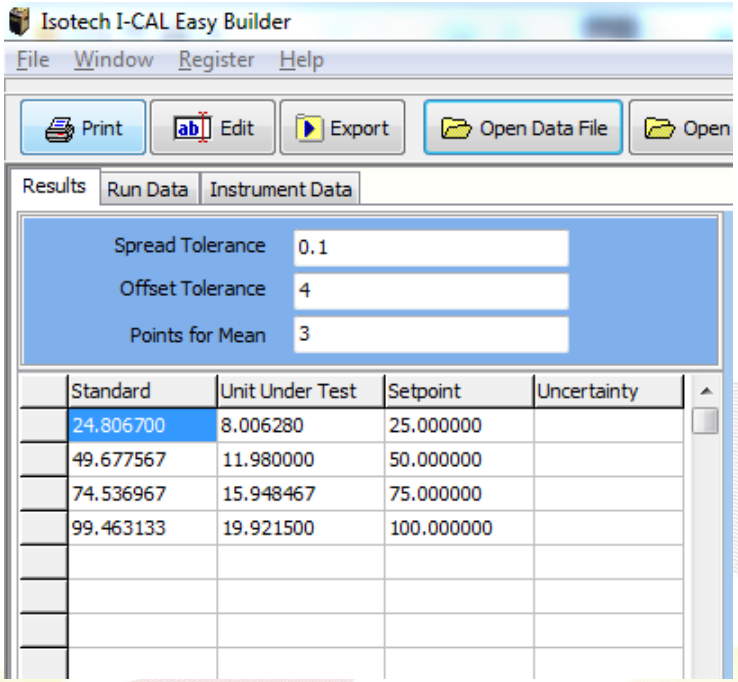


Opening Channel 3



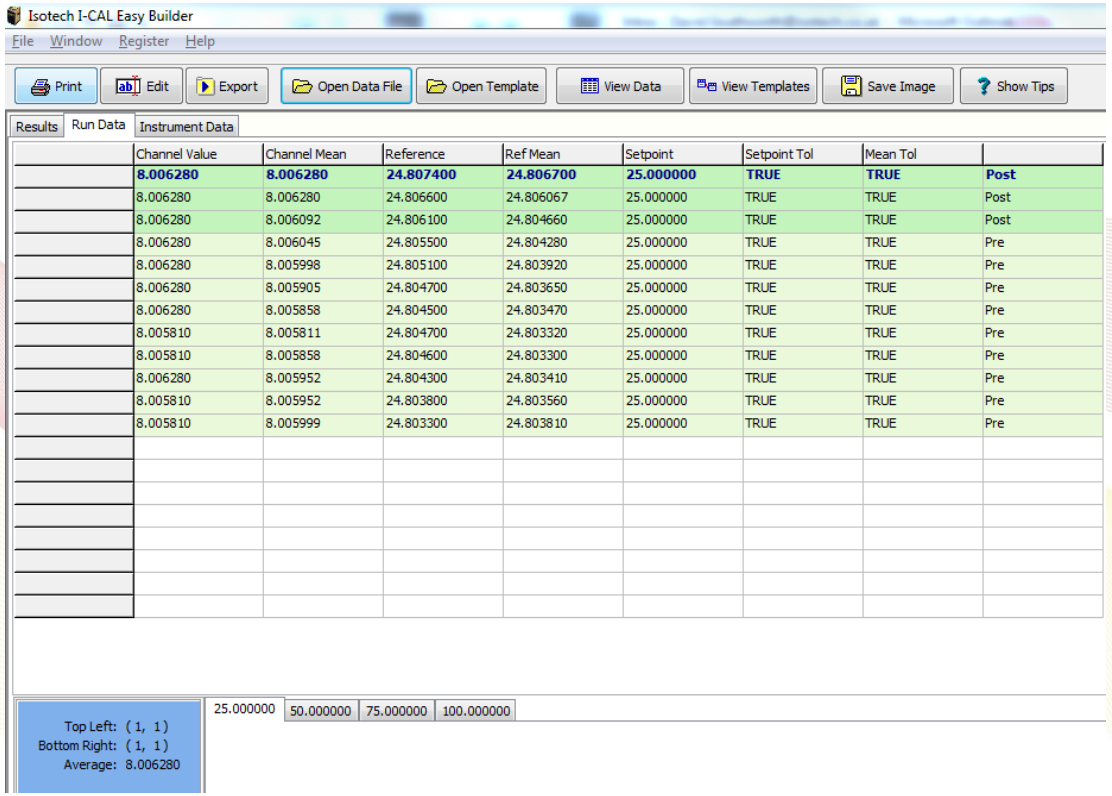
Results Summary

- Here we see the standard value (milliK Channel 1) and the Unit Under Test (The transmitter on Channel 3)
- We also see the set point, the tolerances and number of points for the mean



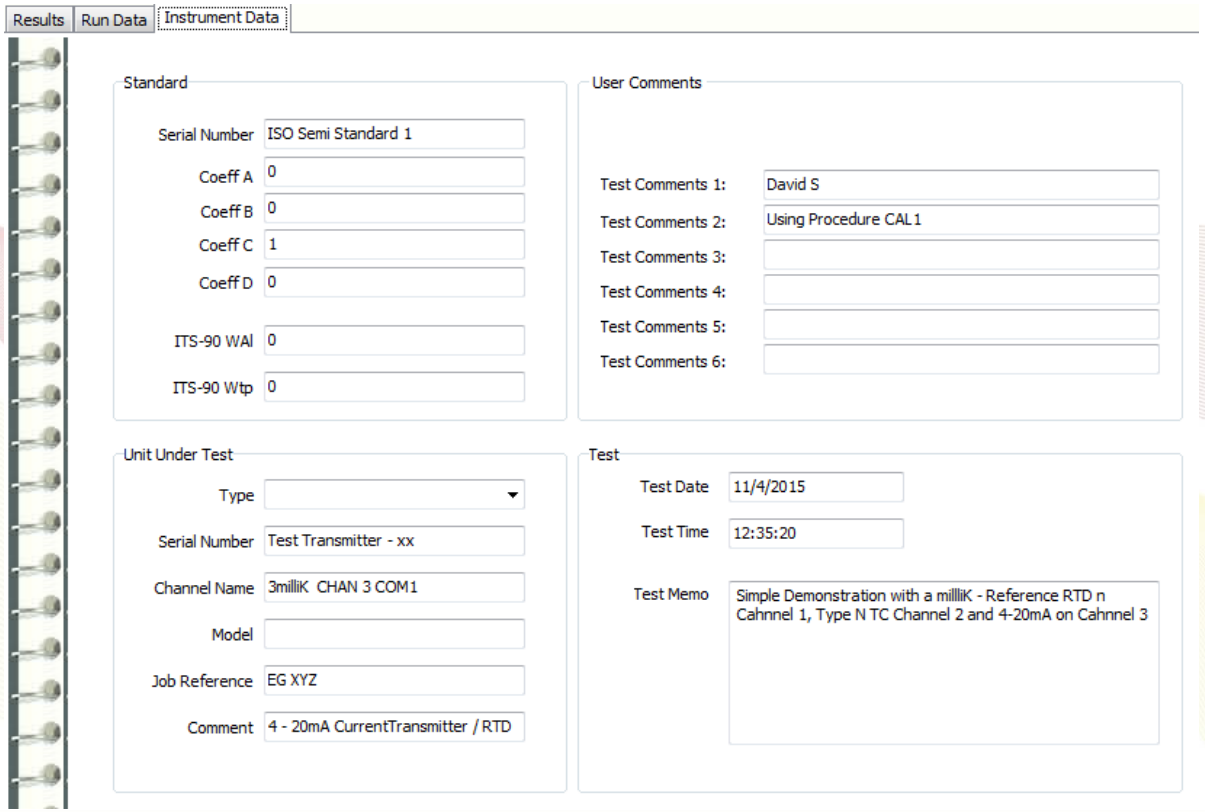
Reviewing the Test

- "Run Data" lets us review all the measurements – pre stability and the post stability – at all temperatures



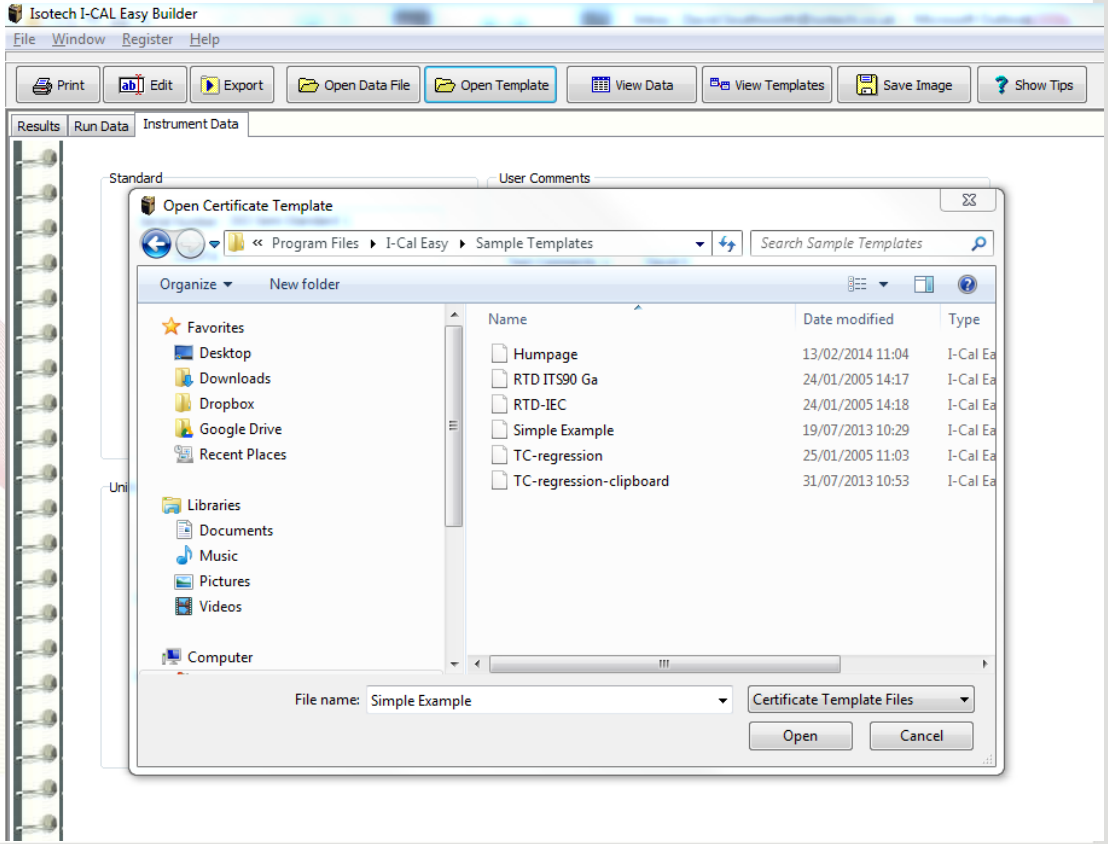
Reviewing the Test

- Instrument Data has further information – we can select any of it to appear on the certificate



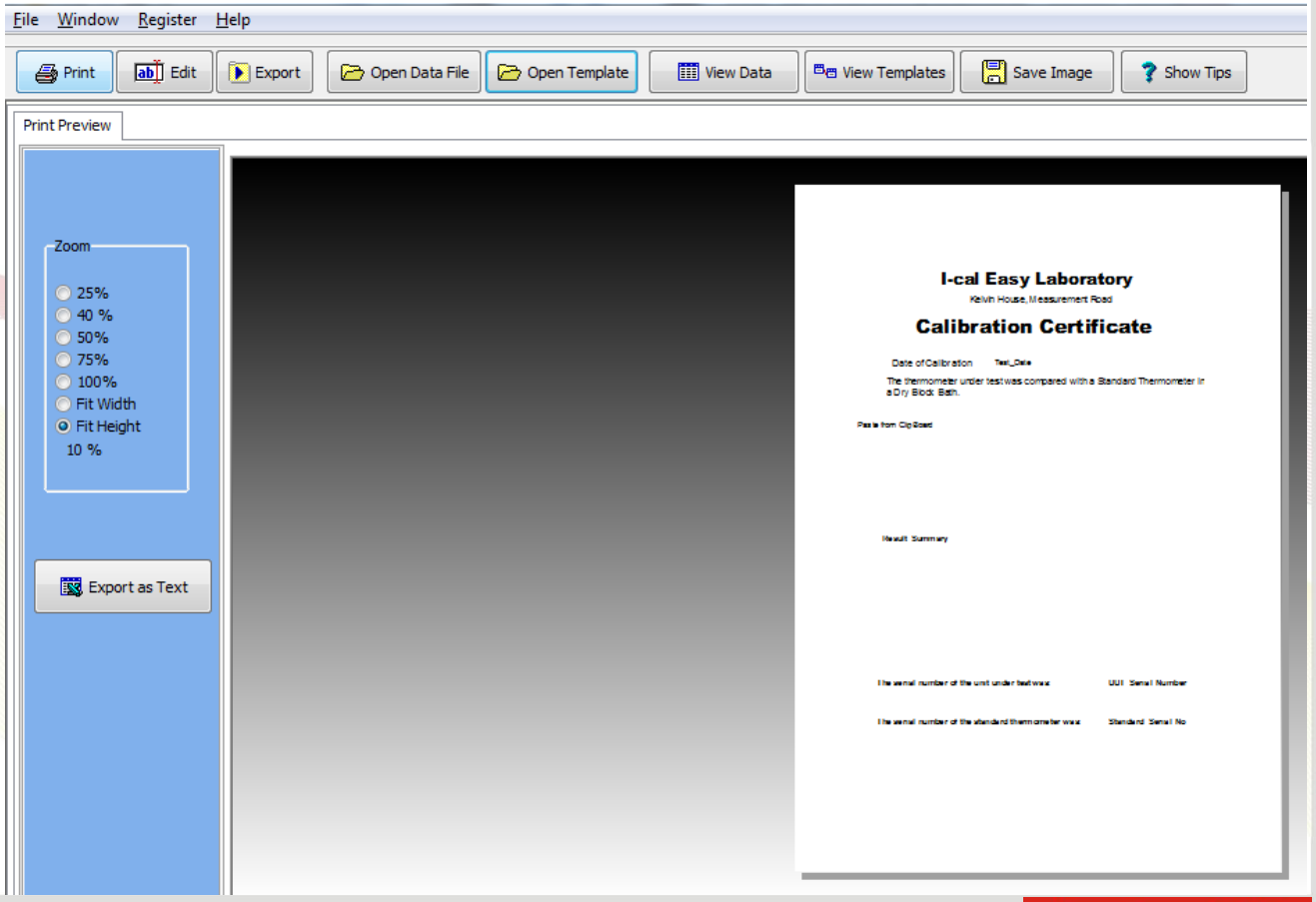
Printing a Certificate

- Press Open Template
  - Here “Simple Example”



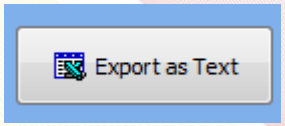
Printing a Certificate

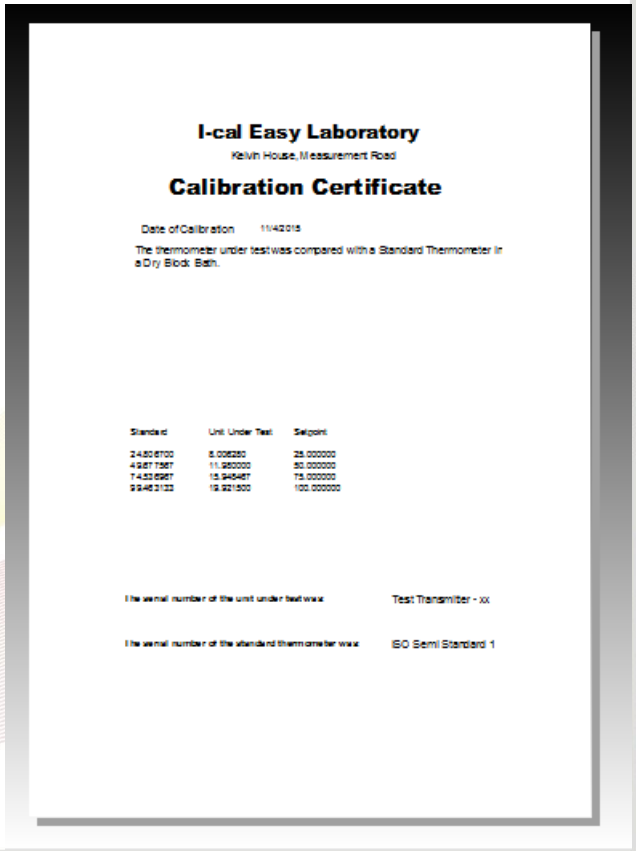
- Press Export to move the data to the template



Printing a Certificate

- The template can edited to meet individual requirements - and any of the data entered can be added – along with static test and logos
- You can export data from the certificate to Excel use this button





I-cal Easy Laboratory

Kelvin House, Measurement Road

Calibration Certificate

Date of Calibration 11/4/2015

The thermometer under test was compared with a Standard Thermometer in a Dry Block Bath.

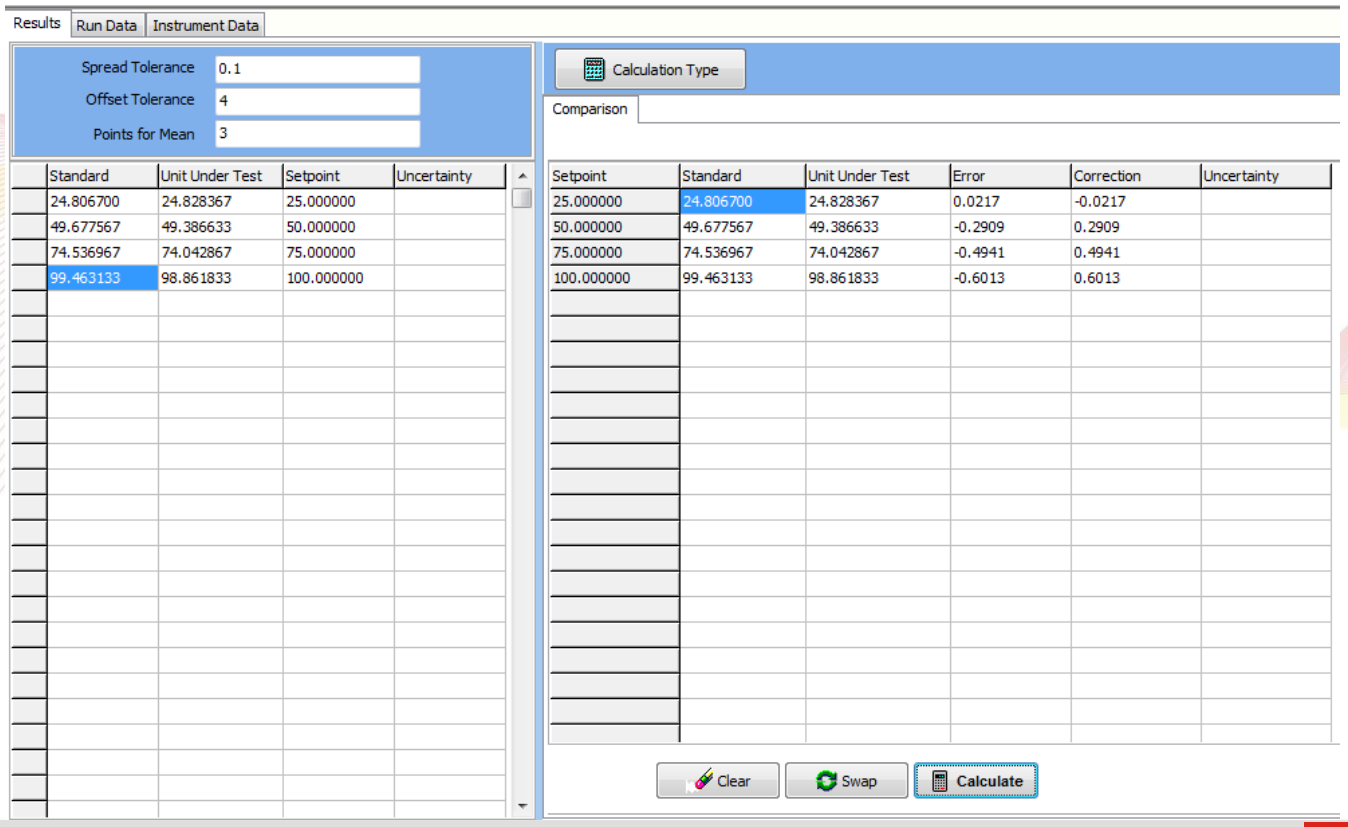
Standard	Unit Under Test	Setpoint
24.80.6700	6.006280	25.000000
4.987.7567	11.980000	50.000000
7.4.33.6967	15.945467	75.000000
99.46.3133	19.921500	100.000000

The serial number of the unit under test was Test Transmitter - xx

The serial number of the standard thermometer was ISO Semi Standard 1

Other Sensor Types

- Here is the Type N Thermocouple on Channel 2



Other Sensor Types

- I-Cal Easy can produce tables for SPRTs, PRTs and Thermocouples – it can also calculate coefficients for IEC 60751, ITS-90 and thermocouple correction curves