



SELF CERTIFICATION FOR CALIBRATION OF WEIGHING DEVICES

SUGGESTED WEIGHTS

Dependent upon the weight limit of device and also considering what is the usual size of cylinder being employed during normal work activities, will determine what certified weights will be needed.

The selection suggested will cover all eventualities - 1Kg, 5Kg, 10Kg, 20Kg, 30Kg, 50Kg and all weights to be certified by the supplier.

SUGGESTED TESTS

Minimum weight of 1Kg and a maximum weigh test i.e. 25, 50 or 100Kg; with equally spaced tests between minimum and maximum scale deflection. Again, the number of test readings to be carried out will be dependent upon what is the normal cylinder used; if 10Kg bottles are used then 3 tests will be required; if 25Kg or above is the usual cylinder size then a minimum of 5 test readings are to be done.

Separate hard copy or electronic logbook to be kept and calibration reports and certificates to be issued to Refcom as required by terms and conditions of company certification.

SUGGESTED TOLERANCE LIMIT FOR RESULTS

CERTIFIED WEIGHT (KG)	TOLERANCE LIMIT +/-	TOLERANCE WEIGHT (G)
0	0	0
0.1	0.002	2
0.2	0.004	4
0.5	0.01	10
1	0.02	20
5	0.1	100
10	0.2	200
20	0.4	400
30	0.6	600
50	1.0	1000
75	1.5	1500
100	2.0	2000

