

METCERT PRESSURE METROLOGY APPLICATION FORM

NLA-MC-F-G06-01



G06-M REGISTRATION as a <u>METROLOGIST</u>					(Pressure)			
Practical Calibration Tasks & Requirements.				Evidence of successfully completed tasks in a laboratory: Reference to ONE (1) Calibration <u>per task</u> to be entered. Reference to participation in <u>ONE</u> (1) ILC is mandatory. Data entered shall preferably not be older than <u>5 years</u> . (When supplying evidence of tasks/certificates, please use number on left below to identify the task/certificate).				
Number of Years of Experience in Pressure Metrology							Please Submit Evidence	
Registered as a "Trainee Metrologist" <i>(If yes state registration number)</i>								
Holder of a SANAS Pressure Certificate of Competence		Y	N					
Successful completion of NLA Pressure Exam		Y	N					
No	Calibration Tasks (Add additional supporting tasks if desired)	Equipment Model	Cert No	(for Office use only)	Participated ILC (Details or Report No.)	(for Office use only)		
	The following 6 tasks are required:							
1	Calibration of Bourdon Tube type Pressure Gauges (Including the adjustment thereof to correct for zero, span and linearity errors)							
2	Explain in your own words the Use and care of a Pressure Balance as a Standard in the Pressure Laboratory (Including calculation of Pressure from first principles)							
3	Explain in your own words the use and care of a Liquid Manometer as a Standard in the Pressure Laboratory (Including the calculation of applied Pressure from first principles)							
4	Calibration of Pressure transmitters/transducers with electrical output - (mA, V, Ω, etc.)							
5	Calibration of Digital Pressure indicators							
6	Explain in your own words an understanding of the hazards in the use of Oxygen related equipment							
7								
▶ Data including a detailed calculation of the Uncertainty of Measurements must be submitted for at least one of the certificates submitted for evaluation ◀								
I hereby declare that the above information is a true reflection of my experience. Name: _____ Signature: _____ Date: _____				Application is supported by Head of Lab or Registered Metrologist Name: _____ Signature: _____ Position: _____				



G06-E REGISTRATION as an <u>EXPERT METROLOGIST</u>					(Pressure)		
Practical Calibration Tasks & Requirements.				Evidence of successfully completed tasks in a laboratory: Reference to ONE (1) Calibration <u>per task</u> to be entered. Reference to participation in <u>ONE</u> (1) ILC is mandatory. Data entered shall preferably not be older than <u>5 years</u> . (When supplying evidence of tasks/certificates, please use number on left below to identify the task/certificate).			
Number of Years of Experience in Pressure Metrology							Please Submit Evidence
Registered as a "Pressure Metrologist" <i>(If yes state registration number)</i>							
Successful completion of NLA Advanced Pressure Exam		Y	N				
All tasks for Pressure Metrologist Level (See Form G06-M) completed		Y	N				
No Calibration Tasks. (Add additional supporting tasks if desired)			Equipment Model	Cert No	<i>(for Office use only)</i>	*Participated ILC <i>(Details or Report No.)</i>	<i>(for Office use only)</i>
The following 5 tasks are required:							
1	Calibration of Barometers						
2	Calibration of Vacuum Gauges/negative gauge pressure						
3	Calibration of Pressure Calibrators including basic Electrical output/input - (mA, V, Ω)						
4	Calibration of Pressure Balances by Cross Floating						
5	Calibration of Pressure Balance Weights (Including conversion from Mass units to units of Pressure)						
6							
7							
8							
9							
10							
▶ Data including a detailed calculation of the Uncertainty of Measurements must be submitted for at least one of the certificates submitted for evaluation ◀							
I hereby declare that the above information is a true reflection of my experience. Name: _____ Signature: _____ Date: _____				Application is supported by Head of Lab or Registered Expert Metrologist Name: _____ Signature: _____ Position: _____			