



G12-M REGISTRATION as a <u>METROLOGIST</u>					(Fibre Optics)		
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 Fibre Optics Metrology			Please Submit Evidence				
Registered as a "Trainee Metrologist" <i>(If yes state registration number)</i>							
Holder of a SANAS Fibre Optics Certificate of Competence		Y	N				
Successful completion of NLA Fibre Optics Exam		Y	N				
No	Calibration Tasks <small>(Add additional supporting tasks if desired)</small>	Equipment Model	Cert No	<small>(for Office use only)</small>	Participated ILC <small>(Details or Report No.)</small>	<small>(for Office use only)</small>	
	The following 6 tasks are required:						
1	Calibration of a Fibre Optic Power Meter						
2	Calibration of a Fibre Optic Power Source						
3	Linearity of a Power Meter						
4	Calibration of Wavelength of a Laser Source						
5	Calibration of OTDR Meter (Length, Attenuation, Reflectance)						
6	Calibration of Attenuation of a Fibre Optic Component						
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: _____			



G12-E REGISTRATION as an <u>EXPERT METROLOGIST</u>					(Fibre Optics)				
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 Fibre Optics Metrology							Please Submit Evidence		
Registered as a "Fibre Optics Metrologist" <i>(If yes state registration number)</i>									
Successful completion of NLA Fibre Optics Exam		Y	N						
All tasks for Fibre Optics Metrologist Level (See Form G12-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 3 tasks are required:									
1	Calibration of a Wavelength Meter								
2	Calibration of an Optical Spectrum Analyser								
3	Measurement of a Fibre Length								
At least 2 of the following 5 tasks are required:									
4	Calibration of Fibre Characteristics <i>(e.g. Polarisation mode dispersion, Chromatic dispersion, Non-linearity's, Cut-off wavelength)</i>								
5	Calibration of attenuation of a Fibre Optic Cable								
6	Calibration of Return Loss - (Pulsed and Continuous wave)								
7	Calibration of a Polarisation Analyser								
8	Characterisation of an Optical Pulse <i>(e.g. Spectral Bandwidth, Power, Side mode Suppression, Pulse width)</i>								
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.				Application is supported by Head of Lab or Registered Expert Metrologist					
Name:		Signature:		Name:		Signature:			
Date:				Position:					