



G16-M REGISTRATION as a <u>METROLOGIST</u>					(Fluid Dynamics / Viscosity)								
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 Viscosity Metrology										Please Submit Evidence			
Registered as a "Trainee Metrologist" (If yes state registration number)													
Holder of a SANAS Certificate of Competence in Viscosity										N			
Successful completion of NLA Viscosity 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 9 tasks are required:												
1	Calibration of a Spindle Type Rotational Viscometer (Dynamic Viscosity)												
2	Calibration of Viscosity Cups of Various Types (Kinematic Viscosity)												
3	Measurement of Liquid Density using a Pycnometer and Laboratory Balance												
4	Calculations/ conversions between Dynamic and Kinematic viscosity												
5	Demonstrate an understanding of the Temperature vs. Viscosity relationship, demonstrate how this relationship can be determined												
6	Preparation of Liquids of different Densities for Hydrometer Calibration												
7	Calibration of Hydrometer												
8	Demonstrate competence in the conversion of Liquid Density to Specific Gravity (SG)												
9	Certification of Viscosity Fluids (oils) using a Rotational Viscometer												
▶ 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: _____									



G16-E REGISTRATION as an <u>EXPERT METROLOGIST</u>						(Fluid Dynamics/ Viscosity)		
Practical Calibration Tasks & Requirements.				Evidence of successfully completed tasks in a laboratory:				
Number of Years of Experience in Viscosity				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).				
Registered as a "Viscosity Metrologist" (If yes state registration number)								
Successful completion of NLA Viscosity Exam		Y	N					
All tasks Viscosity Metrologist Level (See Form G16-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>(for Office use only)</i> <i>(Details or Report No.)</i>	
The following 3 tasks are required:								
1	Calibration of Glass Capillary Type Viscometers (Various types)							
2	Certification of Standard Viscosity Fluids using Glass Capillary Type Viscometers							
3	Establishment of a Viscosity Scale using Capillary Glass Viscometers							
4								
5								
6								
7								
8								
9								
▶ 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: _____				