



## APLAC T090 Proficiency Testing Programme Analysis of Coal Proficiency Testing

### Instructions to Participants

#### 1. Samples

Participating laboratories will be given two sample bottles labeled APLAC T090 Sample A and APLAC T090 Sample B from their respective accreditation bodies (AB). Each bottle contains about 100 g of Coal. Upon receipt of the samples, participating laboratories should carefully inspect the sample for any physical damages and defects, send the “Receipt Form (for Participants)” electronically to your accreditation body, and SXCIQTC. New samples will be replaced for any damaged claims.

#### 2. Testing Period and Storage Instruction

Testing should commence as soon as possible after receiving the samples. Store your samples in the original packaging at room temperature until testing commences.

#### 3. Measurement Procedure

- Participants are strongly recommended to use routine test method which would normally be used to test customer supplied samples and record the method on results sheet.
- Besides, please help to provide detailed information of the testing methods applied in this scheme *after the Result Performa*
- The reporting basis is dry for all tests except Moisture (air-dry).
- For each test on the samples, two replicate results are to be reported to the accuracy and reporting basis indicated on the result sheet.
- Also it is encouraged to report the measurement uncertainty for each result.

#### 4. Documents to be returned

Please fill out *the Result Performa* and return it electronically to the organizer as well as your AB before the deadline.

Unless with special reasons, results submitted after the deadline might not be accepted by the organizers.

Laboratories should make a copy of all documents and worksheets for their own records and keep these on file for an adequate period of time (at least until a final report has been issued).

#### 5. General Information

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**RESULTS SHEET**

LAB CODE: \_\_\_\_\_

Test (Report to)	Sample A		Sample B		Method
	Result	Measurement Uncertainty (± % base)	Result	Measurement Uncertainty (± % base)	
Ash (0.01%)					
Volatile Matter (0.01%)					
Gross Calorific Value (0.001 MJ/kg)					
Total Sulfur (0.001%)					
Detailed information on the testing	Ash	burned temperature(°C): burned time(min):			
	Volatile Matter	burned temperature(°C): burned time(min):			
	Gross Calorific Value	the contribution from formation of nitric acid(C):			
	Total Sulfur	<input type="checkbox"/> 1, High temperature combustion method; <input type="checkbox"/> 2, Eschka method; <input type="checkbox"/> 3, IR spectrometry method			

Note: The reporting basis for all tests is dry except for Moisture (air-dry).

Signature \_\_\_\_\_

Date \_\_\_\_\_.