



Bangladesh Standards and Testing Institution

Member ISO, OIML, APMP, BIPM & Codex Alimentarius Commission of FAO/WHO

Ministry of Industries

Government of the People's Republic of Bangladesh



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Date: 08/09/2019

Air/conditioner (AC) Testing Laboratory

Subject: Inter Laboratory Comparisons (ILC) for Air conditioner (AC) testing.

Dear Sir,

We, at the **Bangladesh Standards and Testing Institution (BSTI)**, Dhaka, Bangladesh are organizing an Inter Laboratory Comparisons (ILC) among the **Air conditioner (AC)** testing laboratories in respect of the following tests as per the details given below:

Air conditioner (AC) Tests:

Sl. No.	Details of Test(s)	Test Method
1.	Cooling Capacity in Watt	BDS ISO 5151 : 2011 & BDS 1852 : 2012
2.	Effective Power Input in Watt	BDS 1852 : 2012
3.	EER Test/Coefficient of Performance (COP) test	BDS 1852 : 2012
4.	Star Rating Index	BDS 1852 : 2012
5.	Power factor	BDS 1852 : 2012
6.	Maximum Cooling test a) 90% and 110% of rated voltage with a single nameplate rating. b) 90% of the lower rated voltage and 110% of the higher rated voltage for units with a dual or extended nameplate rating.	BDS ISO 5151 : 2011 & BDS 1852 : 2012
7.	Minimum Cooling performance test	BDS ISO 5151 : 2011
8.	Indoor side airflow rate at Minimum Cooling	BDS ISO 5151 : 2011
9.	Sweat performance test	BDS ISO 5151 : 2011

Note: The laboratories can also adopt any equivalent method for testing the above mentioned electrical test parameters.

The list of participant laboratories will be duly incorporated in the report of this ILC programme. However, the confidentiality of the laboratories will be duly maintained. While reporting the results of this programme in the report, only laboratory code will be mentioned.

We, hereby, invite you to participate in the above mentioned programme. It is proposed to send the samples to the participant laboratories as per the following schedule and the outcome of the programme will be intimated duly on **05th December, 2019** through e-mail.

✓ Website

Maan Bhaban, 116/A, Tejgaon Industrial Area, Dhaka-1208, Bangladesh

Phone : 8870275, 8870277, 9131582, 8870278, 8870279, 8870280, 8870281

Fax: +88-02-9131581, E-mail: bsti@bangla.net, Website: <http://www.bsti.gov.bd>



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Kindly forward your consent for participation in the format enclosed herewith to the undersigned at the earliest but not later than **19th September, 2019**.

With best regards

Mr. Md. Abdur Rashid
Deputy Director (Electrical)
Bangladesh Standards and Testing Institution (BSTI)
116/A, Tejgaon I/A,
Dhaka – 1208, Bangladesh.
Mobile: 01712206280/01719137231
E-mail: engrrashid_bsti@yahoo.com/ mayen_phy@bsti.gov.bd

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Format for agreeing to participate in the Inter Laboratory Comparisons being conducted by AC Testing Laboratory, Elite, Comilla, Bangladesh.

To
Mr. Md. Abdur Rashid
Deputy Director (Electrical)
Bangladesh Standards and Testing Institution (BSTI)
116/A, Tejgoan I/A,
Dhaka – 1208, Bangladesh.

Mobile:

E-mail:

Subject: Inter Laboratory Comparisons for AC testing.

Dear Sir,

This has reference to your website notice/e-mail/letter dated / /2019 on the above subject. We hereby agree to participate in the ILC being conducted by you for the tests indicated below:

Air conditioner (AC) Tests:

Sl. No.	Details of Test(s)	Test Method	Please tick mark the tests in which you are interested
1.	Cooling Capacity in Watt		
2.	Effective Power Input in Watt		
3.	EER Test/Coefficient of Performance (COP) test		
4.	Star Rating Index		
5.	Power factor		
6.	Maximum Cooling test a) 90% and 110% of rated voltage with a single nameplate rating. b) 90% of the lower rated voltage and 110% of the higher rated voltage for units with a dual or extended nameplate rating.		
7.	Minimum Cooling performance test		
8.	Indoor side airflow rate at Minimum Cooling		
9.	Sweat performance test		

Kindly send the samples to the following address:

Name and address of laboratory:

Contact Person:

Yours faithfully,