



# ACCREDITATION CERTIFICATE

Issued under the authority of Bangladesh Accreditation Act, 2006  
by Bangladesh Accreditation Board (BAB), Ministry of Industries to

**NUSDAT-UTS, Walton Hi-Tech Industries PLC.**

Level:07 (Ref. Lab-3,4 & 7), Building-1; Level:02 (AC Lab-2), Shed-3; Level:05 (AC Lab-03) Building-7

Holding No. I-25/1, Ward No. 07, Chandra, Kaliakoir, Gazipur, Bangladesh.

This is to certify that this

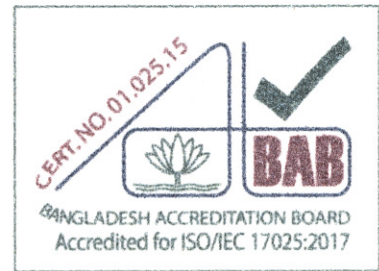
## Testing Laboratory

is accredited in accordance with the international standard

## ISO/IEC 17025:2017

in respect of the associated scope, subject to the terms and  
conditions governing the relevant conformity assessment  
body (CAB) accreditation.

Certificate Number : **01.025.15**  
Accreditation Date : **18 August 2015**  
Date of Issuance : **5 January 2022**  
Date of Expiration : **17 August 2024**



  
**Md. Monwarul Islam**  
Director General

This certificate must be returned on request; reproduction must follow BAB guidelines. For the specific scopes to which this accreditation applies, please refer to the Directory of CABs at BAB website.

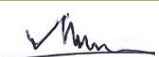
## SCOPE OF ACCREDITATION

(For Testing Laboratory)

**CAB Name & Address:** NUSDAT-UTS, Walton Hi-Tech Industries PLC.  
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 Chandra, Kaliakoir, Gazipur, Bangladesh.

<b>Accreditation Standard:</b>	ISO/IEC 17025:2017	<b>Accreditation Date:</b>	18 August 2015
<b>Certificate Number:</b>	01.025.15	<b>Issued on:</b>	10 January 2022
<b>Last Amended on:</b>	-	<b>Valid until:</b>	17 August 2024
<b>Amendment no:</b>	-		

S.N.	Products/ Materials/ Items of test	Type of tests performed	Specifications/ Standard test methods/Techniques used	Range of testing/Limit of detection
<b>Field: Electrical</b>				
1.		Energy Consumption Test	IS 15750: 2006 IS 1476 (Part 1): 2000 UAE.S IEC 62552: 2013 SASO 2892: 2018 BDS 1850: 2012 SLS 1230: 2003 BS EN 62552: 2013 IEC 62552-1: 2015 /AMD1:2020; IEC 62552-3: 2015 /AMD1:2020	
2.	<b>Refrigerator (Frost free &amp; Direct cool)</b>	Temperature Performance Test	IS 15750: 2006 IS 1476 (Part 1): 2000 UAE.S IEC 62552: 2013 SASO 2892: 2018 BDS 1850: 2012 SLS 1230: 2003 BS EN 62552: 2013 IEC 62552-1: 2015 /AMD1:2020; IEC 62552-2: 2015 /AMD1:2020;	<b>Volume capacity:</b> up to 950L <b>Test Room:</b> +5°C to +50°C <b>Temperature Sensor:</b> -50°C to +150° C, <b>Voltage:</b> 10V to 350VAC, <b>Frequency:</b> 50/60Hz, <b>Power:</b> 0 to 1KW
3.		Pull Down Test	IS 15750: 2006 IS 1476 (Part 1): 2000 BDS 1850: 2012 SLS 1230: 2003 IEC 62552-1: 2015 /AMD1:2020; IEC 62552-2: 2015 /AMD1:2020;	
4.		Freezing Capacity Test	UAE.S IEC 62552: 2013 SASO 2892: 2018 BS EN 62552: 2013 IEC 62552-1: 2015 /AMD1:2020;	

  
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5.		Ice Making Test	IEC 62552-2: 2015 /AMD1:2020; IS 15750: 2006 IS 1476 (Part 1): 2000 UAE.S IEC 62552: 2013 SASO 2892: 2018 BDS 1850: 2012 SLS 1230: 2003 BS EN 62552: 2013 IEC 62552-1: 2015 /AMD1:2020; IEC 62552-2: 2015 /AMD1:2020;	
6.		Temperature Rise Test	SASO 2892: 2018	
7.		Volume Measurement	IS 15750: 2006 IS 1476 (Part 1): 2000 UAE.S IEC 62552: 2013 BDS 1850: 2012 SLS 1230: 2003 BS EN 62552: 2013 IEC 62552-1: 2015 /AMD1:2020; IEC 62552-3: 2015 /AMD1:2020	

### Field: Electrical

8.	<b>Air Conditioner (Cooling test)</b>	Cooling Capacity test	SASO 2874: 2016 BDS ISO 5151: 2012 UAE.S/ISO 5151: 2010 SASO 2663: 2018 SASO 2681:2013	<b>Cooling Capacity:</b> 1750W-17500W <b>Temperature Sensor:</b> -50° C to +150° C
9.		Minimum Cooling Performance test	SASO 2874: 2016 BDS ISO 5151: 2011 UAE.S/ISO 5151: 2010 SASO 2663: 2018	<b>Voltage:</b> 10V to 500VAC <b>Frequency:</b> 50/60Hz <b>Power:</b> 99999MWh

  
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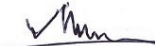
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S.N.	Products/ Materials/ Items of test	Type of tests performed	Specifications/ Standard test methods/Techniques used	Range of testing/Limit of detection
10.		Maximum Cooling Performance test	SASO 2681:2013 SASO 2874: 2016 BDS ISO 5151: 2012 UAE.S/ISO 5151: 2010 SASO 2663: 2018 SASO 2681:2013	<b>Temperature of the room:</b> Indoor Side: 10°C to 45°C, Outdoor Side: -10°C to 60°C
11.		Condensate control and enclosure sweat performance test	SASO 2874: 2016 BDS ISO 5151: 2012 UAE.S/ISO 5151: 2010 SASO 2663: 2018 SASO 2681:2013	
12.		Cooling Capacity Test	IS 1391 (part-2): 2018	
13.		Enclosure Sweat Test	IS 1391 (part-2): 2018	
14.		Freeze-up Test	IS 1391 (part-2): 2018	
15.		Max. Operating Test	IS 1391 (part-2): 2018	
16.		Part load condition for space Cooling	EN 14825: 2018 EN 14511-1, -2, -3, -4: 2018	
17.		Heating Capacity test	SASO 2681: 2013 BDS ISO 5151: 2012 UAE.S/ISO 5151: 2010	<b>Heating Capacity:</b> 2000W-21000W
18.		Maximum Heating Performance test.	SASO 2681: 2013 BDS ISO 5151: 2012 UAE.S/ISO 5151: 2010	<b>Temperature Sensor:</b> -50°C to +150°C, <b>Voltage:</b> 10V to 500VAC,
19.	<b>Air Conditioner (Heating test)</b>	Minimum Heating Performance test	SASO 2681: 2013 BDS ISO 5151: 2012 UAE.S/ISO 5151: 2010	<b>Frequency:</b> 50/60Hz <b>Power:</b> 99999MWh
20.		Automatic Defrost Performance test	SASO 2681: 2013 BDS ISO 5151: 2012 UAE.S/ISO 5151: 2010	<b>Temperature of the room:</b> Indoor Side: 10°C to 45°C, Outdoor Side: -10°C to 60°C
21.		Part load condition for space Heating	EN 14825: 2018 EN 14511-1, -2, -3, -4: 2018	

  
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22.	<b>Air Conditioner (General test)</b>	Measurement of EPI during Off mode	EN 14825: 2018 EN 14511-1, -2, -3, -4: 2018	<b>Cooling Capacity:</b> 1750W-17500W <b>Temperature Sensor:</b> -50°C to +150°C <b>Voltage:</b> 10V to 500VAC <b>Frequency:</b> 50/60Hz <b>Power:</b> 99999MWh <b>Temperature of the room:</b> Indoor Side: 10°C to 45°C, Outdoor Side: -10°C to 60°C
23.		Measurement of EPI during Standby mode	EN 14825: 2018 EN 14511-1, -2, -3, -4: 2018	
24.		Measurement of EPI during Thermostat off mode	EN 14825: 2018 EN 14511-1, -2, -3, -4: 2018	

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 Quality Manager