



## Bangladesh Accreditation Board (BAB)

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# Certificate of Accreditation

This is to certify that

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

**Floor#05 (Lab-3,4 &7), Building-1, & Floor#1 (Lab-1&2),Shed-3  
Holding No#I-25/1, Ward #07, Chandra, Kaliakoir, Gazipur, Bangladesh.**

has been granted accreditation in respect of the scope of accreditation described in the attached document, subject to the terms and conditions governing the relevant Conformity Assessment Body (CAB) accreditation

This Testing Laboratory having met the requirements of ISO/IEC 17025:2005 and the BAB, is accredited for Electrical Testing as described in the associated Scope of Accreditation.



**Certificate Number : 01.025.15**

**Issued on : 17 October 2016**

**Accreditation Date : 18 August 2015**

**Valid until : 17 August 2018**

**Director General**

**Bangladesh Accreditation Board (BAB)**

This certificate has been issued under the authority of Bangladesh Accreditation Act, 2006 and must be returned on request; reproduction must follow guidelines in place at date of issue. For the specific scopes to which this accreditation applies, please refer to the directory of accredited CABs at <http://www.bab.org.bd/directory-of-accredited-cabs>





## SCOPE OF ACCREDITATION

(For Testing Laboratory)

<b>CAB Name &amp; Address:</b>	NUSDAT-UTS, Walton Hi-Tech Industries Ltd. Floor#05(Lab-3,4&7), Building-1& Floor # 1(Lab-1&2), Shed-3, Holding No#1-25/1, Ward # 07, Chandra, Kaliakoir, Gazipur, Bangladesh.		
<b>Accreditation Standard:</b>	ISO/IEC 17025:2005	<b>Accreditation Date:</b>	18 August 2015
<b>Certificate Number:</b>	01.025.15	<b>Issued on:</b>	18 August 2015
<b>Last Amended on:</b>	16 May 2017	<b>Valid until:</b>	17 August 2018
<b>Amendment no:</b>	03		

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 2664/2013 BDS 1850:2012/ SLS 1230:2003 BS EN 62552:2013	
2		Temperature Performance Test	IS 15750 : 2006 IS 1476 (Part 1) : 2000 UAE.S IEC 62552 : 2013 SASO 2664/2013 BDS 1850:2012/ SLS 1230:2003 BS EN 62552:2013	Volume capacity: up to 950L Test Room: +5°C to +50°C
3	Refrigerator (Frost free & Direct cool)	Pull Down Test	IS 15750 : 2006 IS 1476 (Part 1) : 2000 BDS 1850:2012/ SLS 1230:2003	Temperature Sensor: -50°C to +150°
4		Freezing Capacity Test	UAE.S IEC 62552 : 2013 SASO 2664/2013 BS EN 62552:2013	C, Voltage: 10V to 350VAC, Frequency: 50/60Hz, Power: 0 to 1KW
5		Ice Making Test	IS 15750 : 2006 IS 1476 (Part 1) : 2000 UAE.S IEC 62552 : 2013 BDS 1850:2012/ SLS 1230:2003 BS EN 62552:2013	
6		Volume Measurement	IS 15750 : 2006 IS 1476 (Part 1) : 2000 UAE.S IEC 62552 : 2013 SASO 2664/2013 BDS 1850:2012/ SLS 1230:2003 BS EN 62552:2013	

  
Quality Manager



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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	
7	Air Conditioner (cooling test)	Cooling Performance test	SASO 2681: 2013 BDS ISO 5151: 2011 UAE.S/ISO 5151: 2010	<b>Cooling Capacity:</b> 1750W-17500W, <b>Temperature Sensor:</b> -50 <sup>0</sup> C to +150 <sup>0</sup> C, <b>Voltage:</b> 10V to 500VAC, <b>Frequency:</b> 50/60Hz, <b>Power:</b> 99999MWh	
8		Minimum Cooling Performance test	SASO 2681: 2013 BDS ISO 5151: 2011 UAE.S/ISO 5151: 2010	<b>Temperature of the room:</b> Indoor Side: 10 <sup>0</sup> C to -45 <sup>0</sup> C, Outdoor Side: -10 <sup>0</sup> C to 60 <sup>0</sup> C	
9		Maximum Cooling Performance test	SASO 2681: 2013 BDS ISO 5151: 2011 UAE.S/ISO 5151: 2010	<b>Heating Capacity:</b> 2000W-21000W, <b>Temperature Sensor:</b> -50 <sup>0</sup> C to +150 <sup>0</sup> C, <b>Voltage:</b> 10V to 500VAC, <b>Frequency:</b> 50/60Hz, <b>Power:</b> 99999MWh	
10		Condensate control and enclosure sweat performance test	SASO 2681: 2013 BDS ISO 5151: 2011 UAE.S/ISO 5151: 2010	<b>Temperature of the room:</b> Indoor Side: 10 <sup>0</sup> C to -45 <sup>0</sup> C, Outdoor Side: -10 <sup>0</sup> C to 60 <sup>0</sup> C	
11		Heating Capacity test	SASO 2681: 2013 BDS ISO 5151: 2011 UAE.S/ISO 5151: 2010	<b>Temperature of the room:</b> Indoor Side: 10 <sup>0</sup> C to -45 <sup>0</sup> C, Outdoor Side: -10 <sup>0</sup> C to 60 <sup>0</sup> C	
12		Maximum Heating Performance test.	SASO 2681: 2013 BDS ISO 5151: 2011 UAE.S/ISO 5151: 2010		
13		Air Conditioner (Heating test)	Minimum Heating Performance test	SASO 2681: 2013 BDS ISO 5151: 2011 UAE.S/ISO 5151: 2010	
14			Automatic Defrost Performance test	SASO 2681: 2013 BDS ISO 5151: 2011 UAE.S/ISO 5151: 2010	

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Quality Manager