

# CERTIFICATE OF PRODUCT CONFORMITY

Dubai Central Laboratory Department (DCLD) of Dubai Municipality  
hereby attests that the product(s)

## Pipe and Duct Insulation

(Details as per the attached Scope of Certification)

manufactured by:

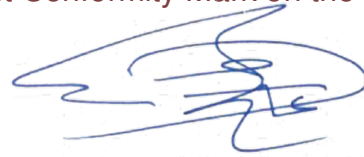
**UNIGULF AIR CONDITIONING INDUSTRIES LLC**

**Plot No. 597-580 Dubai Investment Park 2, Dubai, UAE**

have been assessed in accordance with DCLD Document Ref. No. DM-DCLD-RD-DP21-2001 (IC) "General Rules for DM third party product certification system through factory assessment" and the relevant Specific Rules, and were found in conformity with the standard specification:

## 2017 AL SA'FAT GREEN BUILDING EVALUATION SYSTEM

Accordingly, DCLD hereby authorizes the above manufacturer  
to affix the DCL Product Conformity Mark on the above-mentioned product(s).



for / ENGR. AMIN AHMED AMIN  
Director, Dubai Central Laboratory Department  
Dubai Municipality



eiaci  
مركز الاعتمادات العالمية للاعتماد  
Emirates International Accreditation Centre  
CB-003-PRD

Certificate No: CL18020549  
Valid Until: 24/01/2020



Current Issue Date: 25/01/2019  
Original Issue Date: 25/01/2018

The attached Scope of Certification bearing the same Certificate Number forms an integral part of this Certificate.  
This Certificate is an electronic document subject to the Terms and Conditions of the Product Certification System and shall not be reproduced except in full.

DUBAI CENTRAL LABORATORY DEPARTMENT  
DCL PRODUCT CONFORMITY CERTIFICATION SCHEME

**SCOPE OF CERTIFICATION**  
**FOR CERTIFICATE NO. CL18020549 (REV. 01)**

**Certificate Issued To:** UNIGULF AIR CONDITIONING INDUSTRIES L.L.C.  
Plot No. 597-580 Dubai Investment Park 2, Dubai, UAE

**Applicable Standard Specification:** 2017 Al Sa'fat – Dubai Green Building Evaluation System

**Applicable Specific Rules:** DM-DCLD-RD-DP21-2185-(IC) Specific Rules for Factory Assessment (FA) Certification of Pipe and Duct Insulation as per Al Sa'fat – Dubai Green Building Evaluation System

S/N	PRODUCT DESCRIPTION	BRAND NAME	PRODUCT DETAILS
1.	Duct Insulation Materials  Phenolic Foam Insulation Panel  "CFC Free" (see Note 3)	EASY	Duct Insulation Materials  Phenolic Foam Insulation Panel (See Note 4)  Manufactured with: embossed Aluminum foil facing on both sides; Pre-painted galvanized iron (color steel) facing on both sides; embossed Aluminum foil facing on one side & Pre-painted galvanized iron (color steel) on the other side  Panel dimensions: Length x Width = 4000 mm x 1200mm; Thickness = 20 mm - 30 mm Minimum Core Density of 50 kg/m <sup>3</sup>  Aged Thermal Conductivity (max) = 0.030 W/m-K @ 35°C & 60% RH  Water Vapor Permeance is meeting the requirements of Table 1 of BS 5422:2009

DUBAI CENTRAL LABORATORY DEPARTMENT  
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2.	<p>Duct Insulation Materials</p> <p>Polyisocyanurate / Polyurethane Foam Insulation Panel</p> <p>“CFC Free” (see Note 3)</p>	EASY	<p>Duct Insulation Materials</p> <p>Polyisocyanurate (PIR) / Polyurethane (PUR) Foam Insulation Panels (see Note 5)</p> <p>Manufactured with embossed Aluminum foil facing on both sides, and one side with aluminum foil facing &amp; antimicrobial facing on the other side</p> <p>Panel dimensions: Length = max. 6000 mm; Width = max. 1200 mm; Thickness = 10mm to 30mm</p> <p>Thermal Conductivity = max. 0.028 W/m-K @ 35°C &amp; 60% RH</p> <p>Water Vapor Permeance = 0.00 g/Pa-s-m<sup>2</sup> is meeting the requirements of Table 1 of BS 5422:2009</p>
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3.	<p>Pipe And Duct Insulation Materials</p> <p>Phenolic Foam Insulation Sheet</p> <p>"CFC Free" (See Note 3)</p>	EASY	<p>Phenolic Foam Insulation Sheet (see Note 4)</p> <p>Manufactured with:</p> <p>Aluminum foil facing on one side; Pre-painted galvanized iron (color steel) facing on one side;</p> <p>Minimum Core Density of 35 kg/m<sup>3</sup> Sheet thickness: 15 mm to 150 mm</p> <p>Aged Thermal Conductivity (max) = 0.050 W/m-K @ 35°C &amp; 60% RH</p> <p>Water Vapor Permeance is meeting the requirements of Table 1 of BS 5422:2009</p>
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4.	<p>Pipe And Duct Insulation Materials</p> <p>Phenolic Foam Insulation Pipe</p> <p>“CFC Free” (see Note 3)</p>	EASY	<p>Phenolic Foam Insulation Pipe (see Note 4)</p> <p>Manufactured with Aluminum foil facing on one side</p> <p>Minimum Core Density of 35 kg/m<sup>3</sup></p> <p>Pipe thickness: 15 mm to 150 mm</p> <p>Pipe ID (Inside Diameter): 15 mm to 900 mm</p> <p>Aged Thermal Conductivity for flat material (max) = 0.050 W/m-K @ 35°C &amp; 60% RH</p> <p>Water Vapor Permeance is meeting the requirements of Table 1 of BS 5422:2009</p>
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Note 1: This document forms part of the Certificate of Product Conformity bearing the same certificate number.

Note 2: The above products shall bear the DCL Conformity Mark.

Note 3: CFC Free as per declaration from the company, in accordance with the 2017 Al Sa'fat – Dubai Green Building Evaluation System.

Note 4: The products are produced by UNI GULF AIRCONDITIONING IND LLC's outsourced manufacturing facility, FUJIAN TENLEAD ADVANCED MATERIAL CO. LTD. located in No. 456 Hengtian Road, District - Jimei, Xiamen, Fujian, CHINA.

Note 5: Products that are included in the revision of this DCL Scope of Certification

Note 6: This Scope of DCL Certification supersedes the one issued last 25 January 2019.

Original Issue Date : 25 January 2018

Current Issue Date : 04 April 2019

Valid Until : 24 January 2020

ARIF HUSAIN AL MARZOOQI

Products Conformity Assessment Section Manager

Dubai Central Laboratory Department