

# CERTIFICATE OF PRODUCT CONFORMITY

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

## Solar Collector

(Details as per the attached Scope of Certification)

manufactured by:


**EMMVEE SOLAR SYSTEM PRIVATE LIMITED**

**Survey No. 66-70/3 Pemmanahalli Village, Nelamangala, Bangalore, India**

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:

## BS EN 12975-1:2006 +A1: 2010

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



001-CB-PRD

Certificate No: CL15020257  
Valid Until: 28/09/2021



Current Issue Date: 29/09/2020  
Original Issue Date: 29/09/2015



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. CL15020257

<b>Certificate Issued To:</b>	EMMVEE SOLAR SYSTEM PRIVATE LIMITED. Survey No. 66-70/3, Pemmanahalli Village, Sompura Hobli, Dabaspeta, Nelamangala, Bengaluru – 562 111, India
<b>Applicable Standard Specification:</b>	BS EN 12975-1:2006 +A1: 2010 – Thermal solar systems and components – Solar Collectors – Part 1: General requirements
<b>Applicable Specific Rules:</b>	DM-DCLD-RD-DP21-2178 (IC) – Specific Rules Certification of Solar Collectors as per BS EN 12975-1 through Factory Assessment DM-DCLD-RD-DP21-2084 (IC) – Guidelines for Factory Production control Plan for Solar Collector Manufacturers

S/N	PRODUCT DETAILS	BRAND NAME(S) / MODEL(S)	PRODUCT DESCRIPTION
1	<p>FLAT PANEL SOLAR TYPE COLLECTOR</p> <p>Absorber Materials: Flat Plate Aluminum Absorber Sheet laser welded into copper tubes Rockwool thermal insulation of 50 kg/m<sup>3</sup> density with thermal conductivity of 0.066 w/(m- ° K); Solar glass 3.2 mm glass cover Use with anti-freeze thermal fluid (water/glycol for solar system)</p>	<p>“SOLARIZER ELITE” Brand ES2000A And ES2000B</p>	<p>Gross dimensions: 2042 x 1028 x 105 mm Gross Area: 2.10 m<sup>2</sup>; Aperture area: 1.95 m<sup>2</sup>; Total Absorber Area: 1.93 m<sup>2</sup>; Absorber header tube dimension: 18 mm &amp; risers tube dimension: 8 x 0.4 mm with overall length of 1921 mm Max. Operational pressure: 800 kPa; Max. Stagnation Temperature: 206°C Empty Collector Weight: 40 kg</p>

NOTE1: This document forms part of the Certificate of Product Conformity bearing the same certificate number.

NOTE2: The above product shall bear the DCL Conformity Mark.

Original Issue Date : 29 September 2015

Current Issue Date : 29 September 2020

Valid Until : 28 September 2021



ARIF HUSAIN AL MARZOOQI

Products Conformity Assessment Section Manager  
Dubai Central Laboratory Department