

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, Sompura, Hobli, Dabaspeta, Nelamangala, Bangalore

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: 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



Certificate No: CL15020257
Valid Until: 28/09/2019



Current Issue Date: 29/09/2018
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**

Certificate Issued To:	EMMVEE SOLAR SYSTEMS PVT. LTD. Survey No.66-70/3 Pemmanahalli Village, Sompura, Hobli Dabaspet, Nelamangala, Bangalore 560 024, India
Applicable Standard Specification:	BS EN 12975-1:2006 +A1: 2010 – Thermal solar systems and components – Solar Collectors – Part 1: General requirements
Applicable Specific Rules:	RD-DP21-2178 (IC) – Specific Rules Certification of Solar Collectors as per BS EN 12975-1 through Factory Assessment 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 lazer welded into copper tubes Rockwool thermal insulation of 50 kg/m³ 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</p> <p>ES2000A And ES2000B</p>	<p>Gross dimensions: 2042 x 1028 x 105 mm Gross Area: 2.10 m²; Aperture area: 1.95 m²; Total Absorber Area: 1.93 m²; Absorber header tube dimension:18 mm & 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 2018
Valid Until : 28 September 2019

ARIF HUSAIN AL MARZOOQI
Products Conformity Assessment Section Manager
Dubai Central Laboratory Department