

Project Nr. : 02.02.219

Cert Nr.: I.12134/17

HYDRAULIC TEST CERTIFICATE

1. Customer: SOLE S.A.

2. Description of equipment:

Solar Collectors (Absorbers) ECO series – S260, S230, S200, S150, S125, S100.

<p>MANUFACTURER :</p> <p>TYPE :</p> <p>DATE OF MANUFACTURE:</p> <p>SERIAL No. :</p>	<p>SOLE S.A. Lefktron & Laikon Agonon, Acharnai – 13671, Athens Greece.</p> <p>SOLAR COLLECTORS (Absorbers) ECO, S260, S230, S200, S150, S125, S100.</p> <p>See below</p> <p>ECO S260 / EMTF26016088070 / 04.08.2016 ECO S230 / EMTF23016088223 / 29.08.2016 ECO S200 / EMTF20016099481 / 05.09.2016 ECO S125 / EMTF12516033010 / 17.03.2016 ECO S150 / EMTF15015055086 / 06.05.2015 ECO S100 / EMTF10014044005 / 02.04.2014</p>
<p>DRAWING No. :</p>	<p>a. Absorber ECO S-260 Blue Selective / 2Φ18D-10Φ8 FINS / 02.10.2013 b. Absorber ECO S-230 Blue Selective / 2Φ18D-9Φ8 FINS / 02.10.2013 c. Absorber ECO S-200 Blue Selective / 2Φ18D-7Φ8 FINS / 24.11.2013 d. Absorber ECO S-150 Blue Selective / 2Φ18D-7Φ8 FINS / 24.11.2013 e. Absorber ECO S-125 Blue Selective / 2Φ18D-7Φ8 FINS / 17.05.2013 f. Absorber ECO S-100 Blue Selective / 2Φ18D-7Φ8 FINS / 20.05.2013</p>
<p>DESIGN PRESSURE / MAX. WORKING PRESSURE :</p> <p>TEST PRESSURE. :</p>	<p>1500 Kpa, as per manufacturer's declaration.</p> <p>2250 Kpa (22.5 bar)</p>
<p>OUTSIDE DIAMETER. :</p> <p>WALL THICKNESS :</p> <p>CAPACITY :</p>	<p>See below</p> <p>Copper tubes Ø8x0.4mm / Ø18x0.7mm.</p> <p>-</p>



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3. Pressure Test Data :

MAX WORKING PRESSURE :	1500 Kpa – (Solar Collectors)
TEST PRESSURE :	2250 Kpa (22.5 bar)
TEST DURATION :	30 mins (min.)
TEST MEDIUM :	Water

4. Date of Hydraulic Test : **13.09.2016**
5. Inspector : **Konstantinos Papagiannopoulos**
6. Place of Inspection : **Athens, Greece**
7. Other Inspections : -
8. Remarks : Manometer WIKA 213.53 – DL2672
Calibration Cert. DEKA S.A. No. P-57-14
9. Results : **ACCEPTABLE**
No deformations, leakages or other failures were observed.

PLACE / DATE
Athens 08.05.2017



SIGNATURE

This certificate is issued after equipment examination and found in acceptable condition, according to the requirements and indicates the findings of the inspection at the certain location and time. Does not constitute guaranty at any significance. Partial or total reproduction is not permitted

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