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## Specification DEKRA Seal for crystalline silicon photovoltaic (PV) modules

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### Approval:

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Date:	<b>2019-04-11</b>	Date:	<b>2019-04-11</b>

### Additional approvers (only if needed):

Approver	<b>n/a</b>	Approver	<b>n/a</b>
Date:	<b>n/a</b>	Date:	<b>n/a</b>

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### Revision History:

Revision 1.0
Change description:

### Specification DEKRA Seal –PV modules

If the Other Party has come to a certification agreement with DEKRA Testing and Certification (Shanghai) Ltd. and have been granted certificates. The Other Party may label the DEKRA seal certification mark as shown in the corresponding certificate for own publication purposes as well as on its certified products and/or their packaging. In this regard the certification mark may be applied with the same form and dimension ratios as given in the drawing. If the marking is reduced or enlarged the proportions must be respected.

Presentation of the DEKRA Seals as released by the DEKRA Testing and Certification (Shanghai) Ltd.

DEKRA Seal form for PV Modules	 <p>Crystalline Silicon PV Modules Type Testing</p> <ul style="list-style-type: none"> <li>▶ IEC 61215-1: 2016</li> <li>▶ IEC 61215-1-1: 2016</li> <li>▶ IEC 61215-2: 2016</li> <li>▶ IEC 61730-1: 2016</li> <li>▶ IEC 61730-2: 2016</li> <li>▶ Periodically Factory Inspection as per CIG 021-024</li> </ul> <p>www.dekra-seal.com</p> <p><b>DEKRA</b> certified</p>
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All IEC standards related to crystalline silicon photovoltaic (PV) modules:

Standard	Title
IEC 61215-1: 2016	Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 1: Test requirements
IEC 61215-1-1: 2016	Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 1-1: Special requirements for testing of crystalline silicon photovoltaic (PV) modules
IEC 61215-2: 2016	Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 2: Test procedures
IEC 61730-1: 2016	Photovoltaic (PV) module safety qualification - Part 1: Requirements for construction
IEC 61730-2: 2016	Photovoltaic (PV) module safety qualification - Part 2: Requirements for testing

A sample of the certified product was endorsed to an independent full safety type test with positive results. Tests were performed by DEKRA. The applied test requirements are shown on the certificate. The production is supervised by regularly repeated process-related factory inspections, product spot-checks or alternative means of surveillance according to or following the principles of customary procedures (e.g. PD ECS CIG 021-024) in certain intervals, normally once a year. By this factory surveillance the manufacturer shows the endeavors of continuous compliance of produced units of the certified product with relevant test requirements. Any modification of the product or production process cancels the seal approval and requires a re-evaluation by DEKRA.

The optional and mandatory information is explained in the chart below:

