Maintenance - Inspection checklist
Based on the control items from the accompanying checklists, the correct installation of the ESDEC mounting system is determined (Esdec & NEN7250). Esdec has prepared this maintenance inspection report with checkpoints based on own knowledge and NEN7250. For NEN 1010 (standard for electrical installations in buildings) related topics, we refer to the documents of Techniek Nederland/Holland Solar.

CONTACT INFORMATION

Customer Name	
Inspector Name	
Installer Name	
Installation Adress	
Zip Code	
City/Country	
Date of inspection	

ESDEC Projectplan in dossier?		Yes	No
Total cumulative capacity			
Panel specifications	Brand:		
	Type:		
	Capacity [Wp]:		
	Size LxBxH:		mm
	Panel amount:		
	Weight:		KG
	Panel datasheet present?	Yes	No

Number of fields	Field	Number of panels	Capacity[Wp]
	A		
	B		

ESDEC
Londenstraat 1 6
7418 EE Deventer
The Netherlands

T +31 850 702 010
info@esdec.com
www.esdec.com

IBAN NL64 INGB 0658539531
BIC INGBNL2 A
VAT NL813998955B01

PERIODIC MAINTENANCE AND INSPECTION

SYSTEM MAINTENANCE

A	Ensure that no leaves or other vegetation accumulate under the system. Remove immediately if necessary. Heavily accumulated leaves and/or vegetation can cause unwanted heat development which also does not contribute to the performance of your installation.
B	Maintenance inspection should take place at least once every two years.
C	The correct installation should correspond to the following parameters.

C: SYSTEM INSPECTION

V10: Are the panels properly secured?		Yes	No	if no, addition:
Yes, if..	All middle and end clamps are present and tightened with a torque screw.			
	The panels are well positioned in the inner corners (stop side) of the low and between the ribs of the high base element.			
	4.5Nm ≤ Tightening torque 6,5Nm			

V11: Are the roof supports properly secured?		Yes	No	if no, addition:
Yes, if..	Every low base element has a roof support			
	Every roof support adapter has a roof support;			
	Every high base element with ballast bracket has two roof supports, and without ballast bracket has one roof support.			
	Number of counted roof supports ≥ roof supports on construction plan.			
	Has the system shifted? If so, by how much?			

*) If a perimeter is applied, there should be one roof support under a high base element at [P1] and two roof supports at [P2].

V12: Are the wind deflectors properly secured?		Yes	No	if no, addition:
Yes, if..	Side deflectors are fixed with 2 screws			
	Rear wind deflectors are fixed with screws both at the bottom and the top, both on the left and the right.			
	In a dual configuration, a stabilizer is mounted everywhere			
	The stabilizer is well screwed tight (so that the EPDM under the ring of the screw expands).			

V13: Are there indications for more in-depth investigation?		Yes	No	if no, addition:
Yes, if..	The roof supports have left an imprint on the roofing material (the roof support appears to have shifted)			
	Is there degradation of the roofing material (e.g., damage, unusual discoloration, etc.)?			
	Is anything attached or is there an unusual situation that could affect the Esdec system?			
	Are there any other visible damages to the Esdec system?			

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