



Acceptance Inspection		Document No.: AI_RT_RL
		Revision: 1
Client:	Project:	Date:

Roof areas					
Number of Modules					
Module orientation					
Roof type					
Roof tilt					
Average bracket span					

Mounting structure layout

Array positioned as per drawings (Correlate distance of array sides with reference to building boundary sides)

Spacing as per plan (Sufficient distances between arrays)

Roof brackets

Roof survey (Bracket span within 50mm tolerance of specified measurements)

Bracket positioning (Mounted in straight line relevant to each other within 5mm tolerance, measured perpendicular to roof sheet ribs)

Rib selection for bracket position (Support location $\frac{1}{4} \pm 50\text{mm}$ of module length, measured from module corner edges)

Securely fixed (Penetrated brackets - Without stripped screws; Clamped brackets - M8 torqued at 18 Nm)

Module mounting

Modules horizontal levelled with neighbouring modules (Array is visually horizontally flush)

Modules parallel with roof ridge or edge (Array sides visually aligns with boundary edges)

Modules without damages (No visual defects on module frames, back sheets, junction boxes or glass)

Spacing between PV solar modules to be the width of a module clamp (Spacing of 19mm)

No DC loop wires to be visual from above the modules (Wires to be hidden under modules, fixed to brackets where possible)

No DC wire connectors on roof sheets

Middle/End clamps properly positioned (Flush against module frame sides)

Middle/End clamps fixed in the center of the bracket (Bracket overhang equal under two modules)

Middle/End clamps tightly fixed and torqued (M8 at 18 Nm)

Correct End Clamp has been used according to module frame height (35mm / 40mm)

Walkway and edge distances as per drawing (Measurements to boundary edges and neighbouring arrays within 50mm)

Housekeeping

No damage to roof (Possible roof leak points closed)

All rubbish has been removed

Tools and remaining parts packed in stores

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