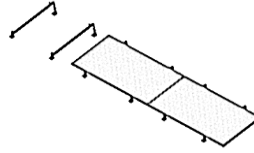




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Axe Struct (Pty) Ltd
www.axestruct.com



AXE^{RT}
Roof Top - Angled Railless

Acceptance Inspection	Document No.: AI_RT_ANG_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)

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

Structural element assembly

Without deformation and damages (Angled frames and angles have no visual defects)

Screws fastened with torque wrench (L-Bracket & Angle section M8 at 18 Nm)

Bottom edge of module's vertical height (>50mm from roof)

Module slope (Angle within 1° tolerance)

Angle positioning within module supporting limits (Angled frame location ¼ of module length, measured from module corner edge)

Module mounting

Module centred with angled fram (Angled frame extend the same on both sides of the module)

Module side are flush (Array is visually flush within each table)

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)

No DC wire connectors on roof sheets and hanging loose (Connectors strapped/fixd to rails)

End clamps properly positioned (Flush against module frame sides)

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

Accepted Rejected

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Accepted Rejected

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Accepted Rejected

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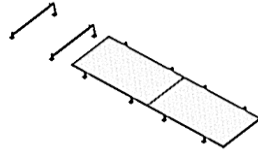
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Snag Items	
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Table ID	Comments

Inspected by (Name and Surname):	Signature	Date:
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