



Installation Check List / Database Information

Date:	Area:		Inspector:		
Barcode:	Routine Audit		Customer Complaint		Extended audit

Householder Particulars:					
Owner's initials and surname:					
Street Address:					
Tel: (W)			Tel: (H)		
Cell:			Fax:		
e-mail;					
How many in Household		Adults:		Children younger than 16:	
		Domestic:		Guest house/other:	

Solar Water Heater	
Manufacturer / local contact	
Serial number	
Split system	
Pre-feed (Geyser Blanket required)	
Stand alone	
Indirect	
Direct	
Installer	
Solar Water Heater Model	
GPS Coordinates	
Angle of Solar Panel	
Position of Solar Collector	
Date Installed	

Status		Comments:
Pass	Green	
50%	Amber	
Fail	Red	

NON CONFORMANCE AND RECOMMENDATIONS REPORT			
Description	Recommendations	Action by	Supplier Response

Check list		
The following shall be checked on completion of the installation		
Manuals		
Are the user manuals on site and being used?	Yes	No
Structure		
Is the structure fixed soundly and to the installation procedure?	Yes	No
Is the waterproofing complete?	Yes	No
Is the site clean and tidy?	Yes	No
Panels		
Is the correct size panel used?	Yes	No
Is the panel glass thickness more than or equal to 1.9mm	Yes	No
Are the tube diameters according to manufacturers specification	Yes	No
Is the orientation of the panel correct?	Yes	No
Is the panel fixed soundly and to the installation procedure?	Yes	No
Are the panels or tubes easily accessible for cleaning	Yes	No
Is the waterproofing complete?	Yes	No
Is the panel in good condition?	Yes	No
Is the site clean and tidy?	Yes	No
Tanks Storage and or Heat Exchangers		
If Pre Feed Existing Geyser date of manufacture		
If Pre Feed Existing Geyser Blanket	Yes	No
Is the correct size tank installed?	Yes	No
Is the diameter of the tank according to SABS tested system?	Yes	No
Is the tank fixed soundly and to the installation procedure?	Yes	No
Is the waterproofing complete?	Yes	No
Is the tank in good condition?	Yes	No
Is the expansion tank required and fitted?	Yes	No
Is the site clean and tidy?	Yes	No
Is the tanks sealed – no leaks?	Yes	No
Has the overflow pipe been positioned correctly?	Yes	No
Is the tank positioned correctly?	Yes	No
Is the electrical element connected?	Yes	No
If not pre feed. Has the existing geyser been removed/disconnected electrically	Yes	No
Has the existing geyser been removed/ plumbing disconnected	Yes	No
Pipes		
Are the correct pipe routes used as per procedure?	Yes	No
Are the pipes fixed soundly and to the installation procedure?	Yes	No
Are the correct size pipes used?	Yes	No
Has the safety devices been installed correctly?	Yes	No
Have the drain pipes been installed?	Yes	No

Is the waterproofing complete?	Yes	No
Is the pipe system in good condition and no leaks?	Yes	No
Has the insulation material been installed correctly?	Yes	No
Is the site clean and tidy?	Yes	No
Electrical		
Are the correct wire size used as per procedure?	Yes	No
Are the wires neatly fixed and to the installation procedure?	Yes	No
Is the timer fitted in the correct position?	Yes	No
Has the operating manual been issued?	Yes	No
Is the site clean and tidy?	Yes	No
Has the certificate of compliance been issued?	Yes	No
Reports		
Has the report been completed on site?	Yes	No

PHOTOS

Solar installation.

Pipe work.

Distribution board with Eskom barcodes.

Tank info labels.

**Demand Side and Energy Efficiency Section
PS&T – ERID**