Submodule 1: final commissioning of the solar thermal system

Source: fobizz AI-generated

Initial scenario

The solar system has now been fully installed and all that remains is the final commissioning and electrical inspection.
Create a checklist of the tasks to be completed and the necessary tools. Use the existing technical documentation of the solar thermal system and your specialised materials as a reference.

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Order 2.1)
Find out about the measurements required for the electrical testing of the solar thermal system. Limit yourself to the metrological testing of the miniature circuit breaker and residual current circuit breaker.

Order 2.2)
Create a checklist that can be used for commissioning a solar thermal system. The checklist must clearly state the order in which the individual work steps are to be carried out. It must also state who is authorised to carry out the measurement and what qualifications the person must have.

Horizon of expectation:

No.	Description of the activity	Who?	Miscellaneous
1	Implementation of the 5 safety rules for electrical work.	AM / E	Duspol
2	Inspection of the solar pump: - Checking the electrical connection - Checking if the cable cross-section matches the electrical power of the pump - Disconnecting the pump from the control unit	E	
3	Inspection of the control unit: - ...	E	
4	Inspection of the collector sensor: - ...	E	
5	Switching on the main system	AM / E	
6	Checking for possible error messages	AM	
7	Performing the actuator test by activating the listed components	AM	
8	Checking the system function by assessing various operating states (depending on feasibility and weather conditions)	AM	

Legend:
AM = System Mechanic
E = Electrician

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