

Solar collector shall be ideally located to improve the efficiency and ensure nothing is obstructing the sun rays from the collector due to installed equipment or roofing systems as part of construction. For buildings where distance between solar tank and consumption point is relatively long, proper thermal insulation to be provided to avoid heat loss.

Due to the arid weather condition in Dubai, dust accumulation is frequent and collector surfaces must be cleaned and maintained regularly for continuous and effective performance.

COMPLIANCE DOCUMENTATION

Table 504.02(1): Documents Required

Project Stages	Submittal Documents
Design Permit Application	<ol style="list-style-type: none"> 1. Hot water demand calculation. 2. Plumbing layout / solar hot water system or sustainable hot water system layout showing the location of equipment.
Construction Completion Application	<ol style="list-style-type: none"> 1. Final approved layout of hot water system. 2. Sustainable hot water system manufacturer data sheet. 3. Sustainable hot water system delivery notes. 4. DCL certificate for solar hot water system - if used.
After Completion	<ol style="list-style-type: none"> 1. Performance and commissioning report.

REFERENCES AND ADDITIONAL INFORMATION

Dubai Municipality. (2011). DM Circular 183.