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ISO 9806:2013 Solar energy - Solar thermal collectors - Test methods

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Abbreviation

ISO 9806:2013

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Author

ISO

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Format

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Description

ISO 9806:2013 specifies test methods for assessing the durability, reliability and safety for fluid heating collectors.

It also includes test methods for the thermal performance characterization of fluid heating collectors, namely steady-state and quasi-dynamic thermal performance of glazed and unglazed liquid heating solar collectors and steady-state thermal performance of glazed and unglazed air heating solar

collectors (open to ambient as well as closed loop).

It is also applicable to hybrid collectors generating heat and electric power. However it does not cover electrical safety or other specific properties related to electric power generation.

ISO 9806:2013 is also applicable to collectors using external power sources for normal operation and/or safety purposes.

It is not applicable to those collectors in which the thermal storage unit is an integral part of the collector to such an extent that the collection process cannot be separated from the storage process for the purpose of making measurements of these two processes.

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