International/Global Solar Collector Certification

FINAL DRAFT INTERNATIONAL STANDARD

ISO/FDIS 9806

ISO/TC 180

Secretariat: SA

Voting begins on: 2013-06-06

Voting terminates on: 2013-08-06 Solar energy — Solar thermal collectors — Test methods

Énergie solaire — Capteurs thermiques solaires — Méthodes d'essai

RECIPIENTS OF THIS DRAFT ARE INVITED TO SUBMIT, WITH THEIR COMMENTS, NOTIFICATION OF ANY RELEVANT PATENT RIGHTS OF WHICH THEY ARE AWARE AND TO PROVIDE SUPPORTING

IN ADDITION TO THEIR EVALUATION AS BEING ACCEPTABLE FOR INDUSTRIAL, TECHNOLOGICAL, COMMERCIAL. AND USER FURPOS, DRAFF INTERNATIONAL STANDARDS MAY ON OCCASION HAVE TO BE CONSIDERED IN THE LIGHT OF THEIR POTENTIAL TO BECOME STANDARDS TO WHICH REPRENEEDE MAY BE MADE IN

Please see the administrative notes on page iii



Reference number ISO/FDIS 9806:2013(E)

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International Energy Agency Solar Heating and Cooling Program



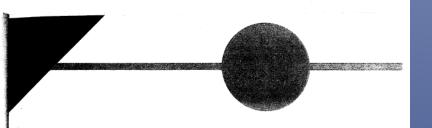
Global Solar Certification Network

Based on recently published ISO Standard 9806-2013





Design Manual for Large Commercial Systems



ACTIVE SOLAR HEATING SYSTEMS DESIGN MANUAL

American Society of Heating, Refrigerating, and Air-Conditioning Engineers, Inc.

in cooperation with

Solar Energy Industries Association

ACEC Research & Management Foundation

SECTION 1 – CONCEPTUAL ANALYSIS

SECTION 2 – FEASIBILITY ANALYSIS

SECTION 3 – DETAIL DESIGN

SECTION 4 – DESIGN AND CONSTRUCTION PACKAGE

SECTION 5 – LESSONS LEARNED

EXAMPLE SYSTEM DESIGN

Section 1 – Conceptual Analysis

Section 2 – Feasibility Study

Section 3 – Detailed Design





Solar-Specific Code for US

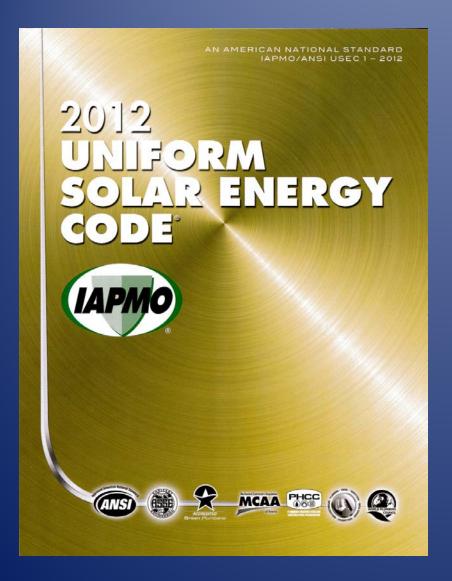


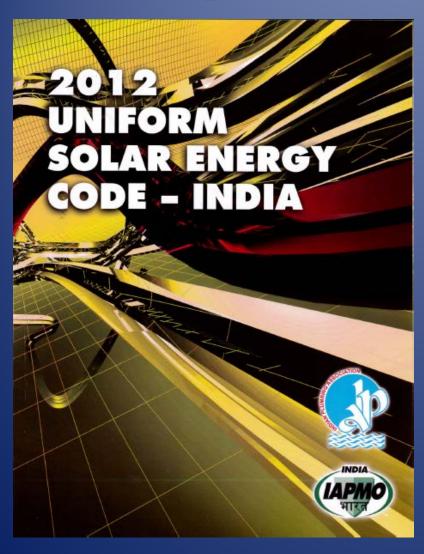
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- 2. Definitions
- 3. General Regulations
- 4. Piping & Cross Connection Control
- 5. Joints and Connections
- 6. Thermal Storage
- 7. Collectors
- 8. Thermal Insulation
- 9. Solar Thermal Systems for a Swimming Pool
- 10. PV (NFPA 70)
- 11. Pumps
- 12. Referenced Standards





Solar-Specific Codes for Other Regions



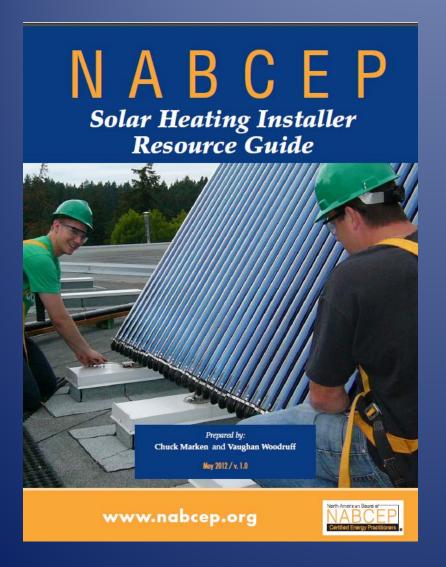
Options:

- Adapted as needed for individual jurisdictions
- Applicable to local conditions:
 - High wind
 - Salt breeze
 - Water pressure
 - Other local realities





Solar Heating Installer Certification



- 1. Introduction
- 2. Glossary
- 3. Basic Solar Principles and Knowledge
- 4. Collectors, Systems and Applications
- 5. Prepare for the Project
- 6. Evaluate the Site
- 7. Plan System Installation
- 8. Install System
- 9. Commission the System
- 10. Service and Maintenance
- 11. Case Studies



