

Standards Subcommittee Report
ASHRAE TC 6.7 - Solar Energy Utilization

2001 Winter Meeting - Atlanta

93-1986 (RA 91) *Methods of Testing to Determine the Thermal Performance of Solar Collectors*

Standards Liaison: John Hogan

In January 1998 at the San Francisco meeting, a quorum of the TC voted unanimously (4-0-0) to recommend reaffirmation of 93-86 to PPIS of the Standards Committee. The Standards Liaison at the time was notified of the vote for reaffirmation at the TC meeting and the ASHRAE TC/PPIS Submittal Form recording the vote was sent to the TC Chair (not present) for his signature. In June 1999 at the Seattle meeting, this form was signed and submitted to the current Standards Liaison.

95-1987R *Methods of Testing to Determine the Thermal Performance of Solar Domestic Water Heating Systems*

SPC Chair: Tim Merrigan
SPC Liaison: Rodney Lewis

In August 1995, the SPC recommended (5-0-1) to the ASHRAE Manager of Standards to adopt ISO Standard 9459-1: 1993, *A Solar heating--Domestic water heating systems--Part 1: Performance rating procedure using indoor test methods*” (with appendixes marked informative rather than normative) as the next revision to 95-87. (This 1993 ISO standard was based on ASHRAE 95-87.) On May 6, 1998, ANSI and ASHRAE executed an agreement that allows ASHRAE to reprint nationally-adopted ISO standards without paying royalties to ANSI. Therefore, the next step should be public review of ISO 9459-1 as an ASHRAE standard. However, there has been no further action taken by ASHRAE HQ.

96-1980R *Methods of Testing to Determine the Thermal Performance of Unglazed Flat-Plate Liquid-Type Solar Collectors*

SPC Chair: Jim Huggins
SPC Liaison: Rodney Lewis

Six people have volunteered to serve on the SPC and the SPC chair is attempting to achieve a @balanced@ committee by finding @users@ of the standard. The SPC chair has not yet been able to achieve this balance and, therefore, has not yet submitted a proposed committee roster. The SPC does plan to review ISO Standard 9806-3: 1995, *A Test methods for solar collectors--Part 3: Thermal performance of unglazed liquid heating collectors (sensible heat transfer only) including pressure drop@*

109-1986 (RA 96) *Methods of Testing to Determine the Thermal Performance of Flat-Plate Solar Collectors Containing a Boiling Liquid*

Standards Liaison: Elizabeth Parke

109-86 was reaffirmed in 1996. ASHRAE Standard 109 has reached the ANSI 5-year limit. TC 6.7 was asked in August 2000 to recommend revision, reaffirmation, or withdrawal to the Standards Committee. A vote is planned in Atlanta.

125-1992 *Methods of Testing Thermal Energy Meters for Liquid Streams in HVAC Systems*

Standards Liaison: Elizabeth Parke

In January 1997 at the Philadelphia meeting, a quorum of the TC voted unanimously (4-0-0) to recommend reaffirmation of 125-92 to PPIS of the Standards Committee. The March 1998 ASHRAE Journal noticed a 60-day public review with an intent-to-reaffirm.

Respectfully submitted,
Tim Merrigan
February 4, 2001