

IAPWS CERTIFIED RESEARCH NEEDS (ICRNS) (SEPTEMBER 2004)

1. Evaluation of Binary Nucleation Models. Issued September 1993. Closed August 2004. Closing Statement required. IAPWS Contact: F. Sigon.
2. Solubility of Sodium Sulphate in Superheated Steam. Issued September 1993. Expired September 2001. IAPWS Contact: K. Daucik. Closing Statement, October 2001.
3. Solubility of Spinels in the Chemical Conditions of Nuclear Reactors. September 1993. Issued September 1993. Expired September 1996. Closing statement prepared. IAPWS Contacts: D. You.
4. Interaction Between Sodium Salts (Phosphates, Sulfates, Silicates, Borates) and Transition Metal Oxides. Issued September 1993. Closed September 1996. IAPWS Contact: J. Stodola.
5. Origin, Behaviour, and Fate of Organics in the Power Cycle. Issued September 1993. Closed August 2004. Closing Statement required. IAPWS Contact: R. Gilbert.
6. Thermophysical Properties of Ammonia-Water Mixtures. Issued June 1994. Closed September 2002. IAPWS Contact: W. Parry. Closing Statement, July 2002.
7. Carryover Coefficients of Salts and Metal Contaminants in Boiler Water. Issued June 1994. Expired June 1997. Closed September 1999. IAPWS Contact: P. Tremaine.
8. Development of an Accurate External Reference Electrode for Use in High Temperature and High Pressure Aqueous Solutions. Issued August 1994. Expired August 1997. Closed September 1998. IAPWS Contact: S. Lvov.
9. Thermodynamic Models for Transition-Metal/Water Systems under Steam Generator Conditions. Issued September 1994. Closed September 2000. IAPWS Contact: P. Tremaine
10. pH Measurements and Potentiometric Studies of Supercritical Aqueous Solutions. Issued May 1996. Extended to July 2005. IAPWS Contact: S. Lvov.
11. Properties of Salts in Steam. Issued May 1996. Closed September 2001. IAPWS Contacts: D. Palmer and R. Fernandez-Prini. Needs Closing Statement.
12. Kinetics of the Oxygen and Hydrogen Electrode Reactions in Subcritical and Supercritical Aqueous Systems. Issued September 1998. Closed September 2001. IAPWS Contacts: S. Lvov and D. Macdonald. Needs Closing Statement.
13. Surface Tension of Aqueous Solutions. Issued September 1998. Extended to July 2005. IAPWS Contacts: F. Sigon and F. Gabrielli.
14. Thermophysical Properties of Humid Air and Combustion-Gas Mixtures. Issued July 2002. Expires September 2005. IAPWS Contacts R. Span and F.L. Blangetti.
15. Thermodynamic Properties of Metastable Steam. Issued July 2002. Expires September 2005. IAPWS Contact: B. Rukes.