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| Nota di contenuto | An International Study of Guarded Hot Plate Laboratories Using Fibrous Glass and Expanded Polystyrene Reference Materials / RR Zarr, JJ Filliben -- Calculating Thermal Test Results - The History and Use of ASTM Standard Practice C 1045 / JR Mumaw -- Normal Variation and Tolerances for Thermal Resistance in Thermal Insulation Specifications / RJ Rushforth -- Creep Tests and Techniques for Predicting Densities Necessary to Prevent Settling of Loose-fill Insulation in Walls / TV Rasmussen -- Thermal Conductivity and Moisture Measurements on Masonry Materials / DR Salmon, RG Williams, RP Tye -- Thermal Modeling of Multiple-Line-Heat-Source Guarded Hot Plate Apparatus / WM Healy, DR Flynn -- Design Concepts for a New Guarded Hot Plate Apparatus for Use Over an Extended Temperature Range / DR Flynn, RR Zarr, MH Hahn, WM Healy -- A Round Robin Interlaboratory Comparison of Thermal Conductivity Testing Using the Guarded Hot Plate up to 1000°C / MA Albers -- NPL Vacuum Guarded Hot-Plate for Measuring Thermal Conductivity and Total Hemispherical Emittance of Insulation Materials / C Stacey -- Accuracy of Hot Box Testing of Steel Stud Walls / J Kosny, P Childs -- Effect of Steel Framing in Attic/Ceiling Assemblies on Overall Thermal Resistance / TW Petrie, J Kssny, JA Atchley, AO Desjarlais -- A Test Protocol for Comparison of the Moisture Absorption Behavior of Below-Ambient Piping Insulation Systems Operating in Hot-Humid Environments / JR Mumaw -- Uncertainty Analysis of A Calibrated Hot Box / S Yuan, GA Russell, WP |

Goss -- An Assessment of InterLaboratory Repeatability in Fenestration Energy Ratings: 2001 NFRC InterLaboratory Test Round Robin / DJ Wise, BV Shah -- Calibration Procedures for Hot Boxes / S Yuan, SD Gatland, WP Goss -- A Pipe Insulation Test Apparatus for Use Below Room Temperature / KE Wilkes, AO Desjarlais, TK Stovall, DL McElroy, KW Childs, WA Miller -- Thermal Physical and Optical Properties of Fiber Insulation Materials in the Temperature Range 200 - 1800 °C / E Litovsky, JI Kleiman, N Menn -- Evaluating the Fire Performance of Thermal Pipe Insulation Systems by Use of the Vertical Pipe Chase Apparatus / PA Hough, TW Fritz, PL Hunsberger, DC Reed -- Review of Thermal Properties of a Variety of Commercial and Industrial Pipe Insulation Materials / TE Whitaker, DW Yarbrough -- Use of Sugarcane Fiber as Building Insulation / K Manohar, J Ramroosingh, DW Yarbrough -- Vacuum Insulation Round Robin to Compare Different Methods of Determining Effective Vacuum Insulation Panel Thermal Resistance / TK Stovall, A Brzezinski -- The Use of Wicking Technology to Manage Moisture in Below-Ambient Insulation Systems / GCP Crall -- The Influence of Measurement Uncertainties on the Calculated Hygrothermal Performance / AH Holm, HM Kunzel -- Long-Term Thermal Resistance of Polyisocyanurate Foam Insulation with Impermeable Facers / P Mukhopadhyaya, MT Bomberg, MK Kumaran, M Drouin, J Lackey, D van Reenen, N Normandin -- Performance of Molded Expanded Polystyrene (EPS) Thermal Insulation in Below-Grade Applications / J Whalen -- A Comparison of Accelerated Aging Test Protocols for Cellular Foam Insulation / TK Stovall, BA Fabian, GE Nelson, DR Beatty -- Appendix: ASTM C16 Survey for Heat Transfer Test Method Equipment -- Author Index -- Subject Index.
