

An Introduction to Electrostatic Measurements



John Chubb is well known and respected in the international electrostatic community. This is for the papers he has published, the instruments he has developed and manufactured over the years, and for the test methods he has developed.

After a BSc degree in physics and a PhD from Birmingham University, John Chubb did a graduate apprenticeship at English Electric in Stafford and then led development there of high power vacuum interrupters until moving to UKAEA Culham Laboratory in 1962. Work at Culham concerned investigation of high speed condensation pumping of hydrogen onto liquid helium cooled surfaces and Monte Carlo computer modelling of free molecular gas flow. After 1968 he was involved in the programme of commercial work at Culham. This included laboratory and shipboard studies of electrostatic ignition hazards during tank washing on large crude oil tankers, development of a novel monitor for airborne asbestos fibres, and large area computer typesetting. After 2 years as Manager of Advanced Technical Planning with Linotype Paul and 2½ years running a small company at the University College of North Wales, John Chubb set up his own company, John Chubb Instrumentation, in Cheltenham, to develop and manufacture instrumentation for electrostatic measurement and to do test and consultancy work.

Cover shows JCI 155v5 Charge Decay Test Unit used for assessing the electrostatic suitability of materials.

John Chubb

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