

Emcee Electronics, Inc.

520 Cypress Avenue * Venice, Florida 34292

Emcee Electronics, Inc. has designed, developed, and manufactured electro-mechanical instruments used to test aviation fuels and other hydrocarbons for quality control and safety reasons since 1958. The product line includes instruments used to detect the presence of impurities, which impair the removal of water during filtration, determine filterability, the presence of free water and particulate contamination, and electrical conductivity of fuels.

All of the products manufactured by Emcee Electronics, Inc. are listed in standard test methods published by the American Society for Testing and Materials (ASTM) and some are included in standards issued by the Institute of Petroleum (IP) and the International Standards on Petroleum Products (ISO). A new instrument, Model 1143 Filterability Analyzer, used to rate the filterability of diesel fuels has been developed and is listed in an ASTM standard test method. Where applicable, safety approvals have been received from Kema Registered Quality, Underwriters Laboratories (UL), and Canadian Standards Association (CSA).

***ASTM D 2624 (IP 274 & ISO 6297)**

Standard Test Methods for Electrical Conductivity of Aviation and Distillate Fuels

***ASTM D 3948**

Turbine Fuels by Portable Separometer Standard Test Method for Determining Water Separation Characteristics of Aviation

***ASTM D 4308**

Standard Test Method for Electrical Conductivity of Liquid Hydrocarbons by Precision Meter

***ASTM D 4860**

Standard Test Method for Free Water and Particulate Contamination in Mid-Distillate Fuels (Clear and Bright Numerical Rating)

***ASTM D 6426**

Standard Test Method for Determining Filterability of Distillate Fuel Oils

NEW PRODUCT



MODEL 1143

FILTERABILITY ANALYZER

(ASTM D 6426)

Emcee Electronics, Inc. is pleased to introduce the **Model 1143 Filterability Analyzer**. The Analyzer is used to detect the presence of particulate in hydrocarbon fuels and quantifies the effect it may have on filtration medium. A sample of the fuel is passed at a constant rate through a filter medium while monitoring the pressure and volume. The test terminates when either a pre-set amount of sample has passed through the filter medium or when a pre-set pressure limit is attained. The initial interest for this product was to test diesel, however, using other filter medium, jet and gasoline are now being considered.

Tel (941) 485-1515 * Fax (941) 488-4648 * E-Mail emcee-electronics@worldnet.att.net