Computer Simulation of a Novel Cyclone Design 謝國台 Applied Statistics Management kahsieh@chu.edu.tw

Abstract

A novel cyclone design is proposed. Baffle is installed to stretch the short-circuiting streamlines. Computer simulation indicates short-circuit of coarse particles has been completely eliminated. Effects of baffle diameter on cut size are yet to be determined.

Keyword: Novel Cyclone Design, Cyclone Separator, Baffle, Short-Circuiting Particles