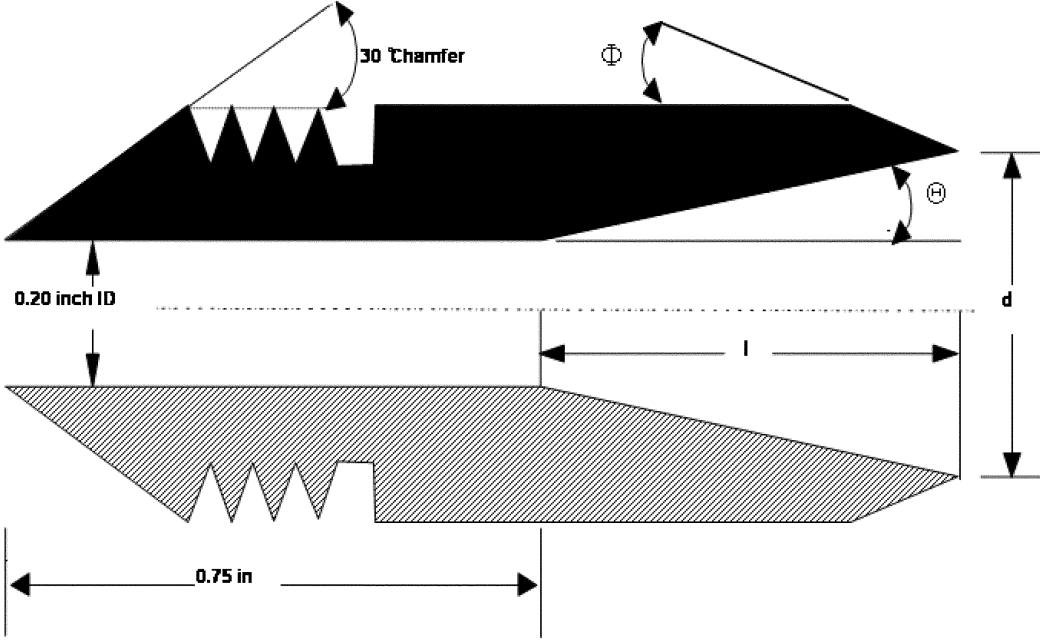

Nozzle diameter, d (inches)	Cone Angle, θ (degrees)	Outside taper, Φ (degrees)	Internal Taper length, l (inches)
0.216	5	15	0.093
0.234	5	15	0.194
0.253	5	15	0.304
0.274	5	15	0.422
0.296	5	15	0.549
0.320	5	15	0.688

Figure 4B. Nozzle Design for $PM_{2.5}$ Cyclone (Lower Stack Flow)