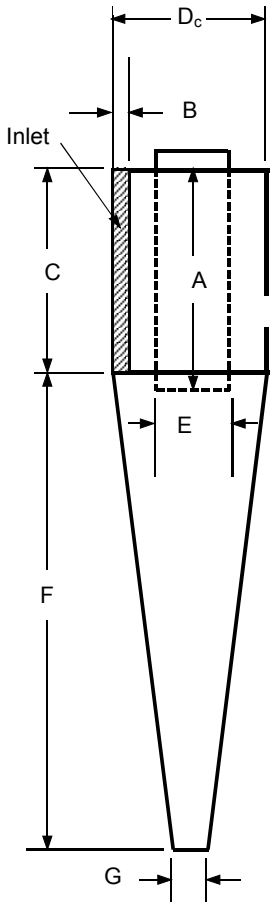
San Joaquin Valley Unified Air Pollution Control District
Cotton Gin Cyclone Supplemental

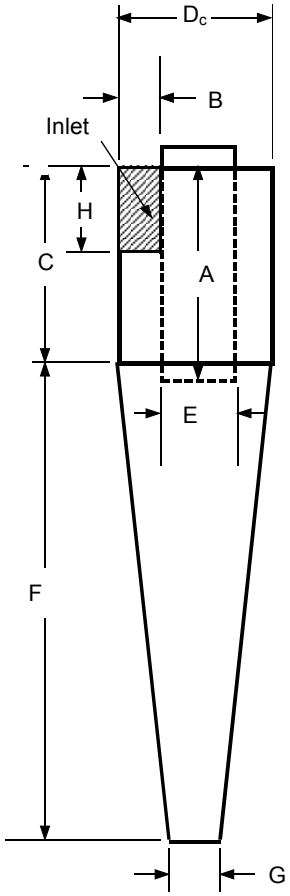
Facility Name: _____

Facility #: _____

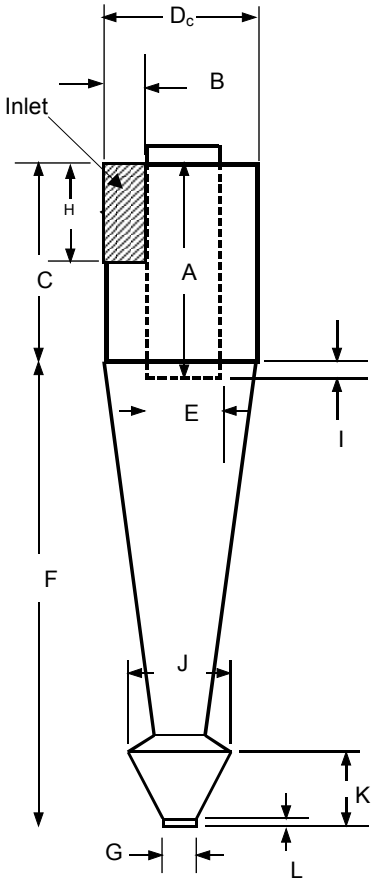
Contact Name: _____



Standard 1D3D Cyclone



Enhanced 1D3D Cyclone



1D3D w/Expansion Chamber

Guidance

D_c = Diameter

Standard
A = 9/8 D_c
B = 1/8 D_c
C = D_c
E = 1/2 D_c
F = 3 D_c
G = 1/4 D_c

Enhanced

A = 9/8 D_c
B = 1/4 D_c
C = D_c
E = 1/2 D_c
F = 3 D_c
G = 1/3 D_c

W/Expansion Chamber
A = 9/8 D_c
B = 1/4 D_c
C = D_c
E = 1/2 D_c
F = 3 D_c
G ≤ 0.33 D_c
H = 1/2 D_c
I = 1/8 D_c
J ≥ 0.9 D_c
K = 3/4 D_c
L = 3 inch

Please provide the diameter (A, inch) and "System Served" and the dimensions of any <u>MODIFIED</u> components of the modified cyclones.

Permit#	Cyclone Airflow (cfm)	System Served	Type	Dc	A	B	C	E	F	G	H	I	J	K	L
C-1234-1-1	*3200*	*#1 precleaning*	*standard*	*40*	*45*	*5*	*40*	*20*	*120*	*10*					