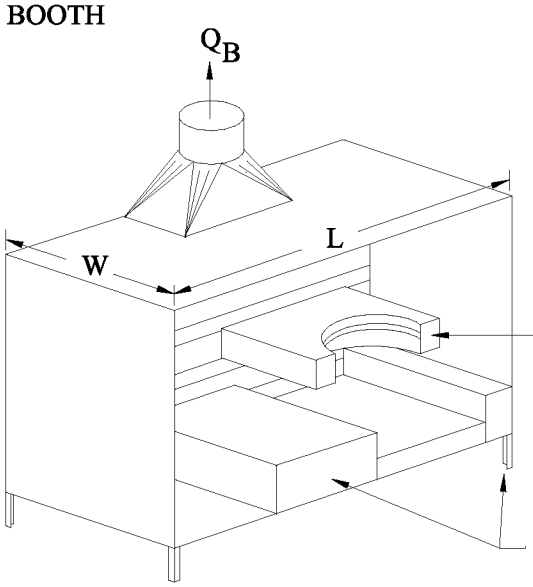
FIGURE VS-15-11

BOOTH



Q_B = 50 cfm/ft^2 of face open area.

L and W to fit operation

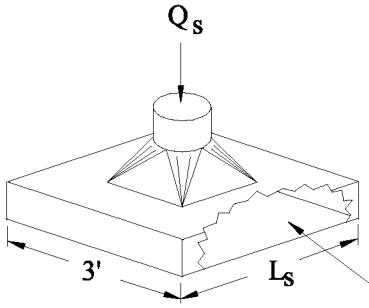
Minimum duct velocity = 3500 fpm

h_e = 1.78 VP_s +0.25 VP_d

Dry material container hood is extension of booth slot

Configure to fit equipment

AIR SHOWER



Q_S = 100 L_S cfm

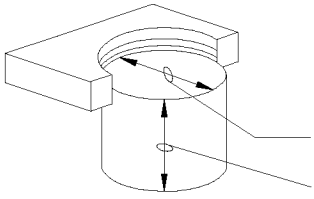
L_S= 3 feet. (Can be longer if required to fit workstation but do not exceed 1/2 booth length; L)

0.25" pegboard or equivalent, 20 percent maximum open area.

DRY MATERIAL CONTAINER HOOD

Hood is extension of booth slot. An additional takeoff(s) may be used if required for hood air flow distribution.

Airflow and hood slot design per VS-15-01



12" to 24" Diameter

24" Maximum

Reference 10.15.3

	TITLE	FIGURE
ACGIH® WORLDWIDE	WEIGH HOOD DETAILS DRY MATERIAL	VS-15-11
		DATE 2-91

AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS