

Shakeouts Foundry	Enclosure	200 fpm through all openings in enclosure, but not less than 200 cfm per sq ft of grate area	3,500	
Spray coating	Booth—operator inside	100-200 fpm at booth cross section	1,500-2,000	Use higher ventilation rate for small booths 4 sq ft or less
	Booth—operator outside	150-200 fpm at booth cross section	1,500-2,000	
	Booth—downdraft	100-200 fpm downdraft	1,500-2,000	
Tanks, open surface	(See Table 47-L)			
Tumbling mills Hollow trunnion type	Exhaust connection by manufacturer	Use branch diameter same size as exhaust outlet For round mills branch diam should be $\frac{1}{8}$ diam of mill, for square mills branch diam should be 1 in plus $\frac{1}{8}$ side dimension of mill	3,500-5,000	
Tumbling mills, drums, cages, barrels	Enclosure	400 fpm through openings but not less than 75 cfm sq ft plan area	3,500	Where equipment is enclosed and dust tight during rotation, enclosure may not be needed if feed and discharge operations can be otherwise run
Welding	Local hood with flange	6 in from arc—150 cfm 6-9 in from arc—275 cfm 8-10 in from arc—425 cfm 10-12 in from arc—600 cfm	2,000-4,000	
	Downdraft bench Booth	150-250 cfm per sq ft grille area 100 fpm at booth face	2,000 2,000	
Woodworking	(See Table 47-K)			
Miscellaneous Packaging machines, granulators, enclosed dust producing units Packaging, weighing, container filling, inspection	Complete enclosure	100-400 fpm indraft through inspection or working openings, but not less than 25 cfm per sq ft of enclosed plan area	3,000	
	Booth	50-150 cfm per sq ft of open face area	3,000	
	Downdraft	75-150 cfm per sq ft of dust producing plan area	3,500	

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