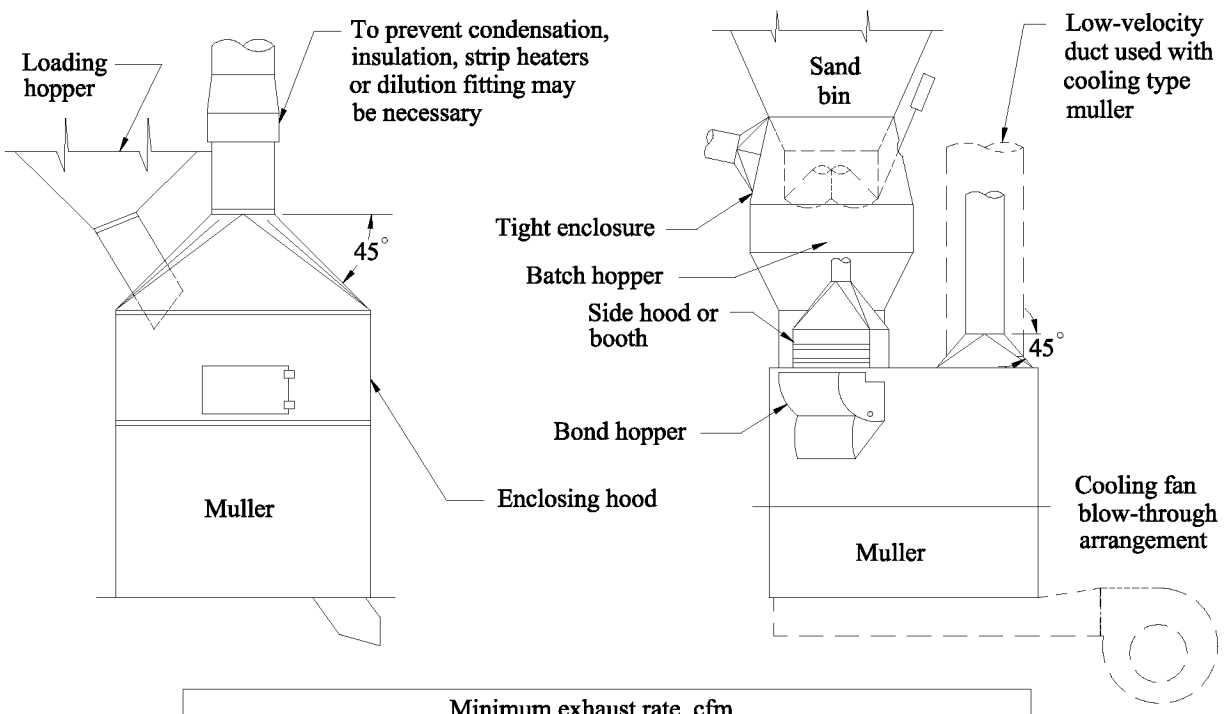
FIGURE VS-60-02



Location	Minimum exhaust rate, cfm		
	Muller type		
	No cooling	Blow-though cooling	Draw-though cooling
Batch hopper	Note 1	600	Note 1
Bond hopper	600	600	600
Muller:	Note 2	Note 3	Note 3
4' diameter	750	"	"
6' diameter	900	"	"
7' diameter	1050	"	"
8' diameter	1200	"	"
10' diameter	1575	"	"

Minimum duct velocity = 4500 fpm

h_e = 0.25 VP

Notes:

1. Batch hopper requires separate exhaust with blow-through cooling. With other fan arrangement (muller under suction), separate exhaust may not be required. (If skip hoist is used, see VS-60-01)
2. Maintain 150 fpm velocity through all openings in muller hood. Exhaust flow rates shown are the minimum for control.
3. Cooling mullers do not require additional exhaust if maintained in dust tight condition. Blow-through fan must be off during loading. If muller is not dust tight, exhaust as in note 2 plus cooling air flow rate.
4. When flammable solvents are used in mixer, calculate minimum exhaust flow rate for dilution to 25% of the LEL. See Chapter 2.

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TITLE

AIR COOLED MIXER AND MULLER

FIGURE VS-60-02

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