

Cadman Kenmore Emission Calculations

Table 1. Facility-Wide Emissions Summary

Source	PM ₁₀ (tpy)	PM _{2.5} (tpy)	SO ₂ (tpy)	NO _x (tpy)	VOC (tpy)	CO (tpy)	Combined HAPs (tpy)	Maximum Individual HAP (tpy)
Stack Emissions								
Aggregate Dryer	3.7	3.5	0.5	10.0	0.8	59.2	0.8	0.3
HMA Silo Filling ¹	--	--	--	--	1.2	--	0.0	0.0
Asphalt Tanks	0.2	0.2	--	--	0.0	0.0	0.0	0.0
Total Stack Emissions	4.0	3.7	0.5	10.0	2.1	59.2	0.8	0.3
Fugitive Emissions								
Load-Out ²	0.05	0.05	--	--	0.39	--	0.01	2.04E-03
Haul Roads	0.08	0.02	--	--	--	--	--	--
Storage Pile Drop Points	1.29	0.20	--	--	--	--	--	--
Storage Pile Wind Erosion	0.06	0.01	--	--	--	--	--	--
Total Fugitive Emissions	1.49	0.28	--	--	0.39	--	0.01	2.04E-03
Total	5.46	4.00	0.46	10.01	2.47	59.25	0.79	0.28
Title V Major Source Threshold	100	100	100	100	100	100	25	10
Below Title V Major Source Threshold?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

¹ Asphalt storage silos are controlled by the baghouse. Therefore, PM₁₀ and PM_{2.5} emissions from silo filling are not calculated separately.

² Load-out PM₁₀ and PM_{2.5} emissions are conservatively assumed equivalent to load-out total PM emissions.