

Carbon Monoxide Emission Calculation Tool

Per GCP-3 condition III.G, this facility shall not exceed the weekly rolling 52-week asphalt production limit listed in Table GCP-3-A.1 below, based on the facility's maximum available horsepower during the preceding 12 months.

Table GCP-3-A.1: Carbon Monoxide Emissions Calculations Tool

Maximum 52-week facility-wide total IC Engine Horsepower	Tons/year of CO emissions available for asphalt production	Asphalt Production Limit (This is a weekly rolling 52 week limit)	
		Drum Mix Tons/year	Batch Mix Tons/year
0	95	1,461,538	475,000
68	94	1,446,154	470,000
137	93	1,430,769	465,000
205	92	1,415,385	460,000
273	91	1,400,000	455,000
342	90	1,384,615	450,000
410	89	1,369,231	445,000
478	88	1,353,846	440,000
547	87	1,338,462	435,000
615	86	1,323,077	430,000
684	85	1,307,692	425,000
752	84	1,292,308	420,000
820	83	1,276,923	415,000
889	82	1,261,538	410,000
957	81	1,246,154	405,000
1,025	80	1,230,769	400,000
1,094	79	1,215,385	395,000
1,162	78	1,200,000	390,000
1,230	77	1,184,615	385,000
1,299	76	1,169,231	380,000
1,367	75	1,153,846	375,000
1,435	74	1,138,462	370,000
1,504	73	1,123,077	365,000
1,572	72	1,107,692	360,000
1,641	71	1,092,308	355,000
1,709	70	1,076,923	350,000
1,777	69	1,061,538	345,000
1,846	68	1,046,154	340,000
1,914	67	1,030,769	335,000
1,982	66	1,015,385	330,000
2,051	65	1,000,000	325,000

For horsepower values that fall between two values listed in this table, the facility's annual production rate shall not exceed the tons per year production limit corresponding to the next highest horsepower value in this table. The facility shall use the weekly 52 week Asphalt Production Limit specified above to ensure the facility does not exceed the weekly rolling annual total CO emission limit specified in Table III.G.1 of the GCP-3 permit.