

Construction Permit Emission Threshold & Permitting Table

Regulated Air Pollutants	Common Operations	Emission Level Exemption	Minor Source Emission Thresholds Minor Construction Permit	Major Source Thresholds Synthetic Minor (SM) Construction Permit Limit	Major Source Emission Thresholds (PSD) Construction Permit	Major Source Emission Thresholds (112g) Construction Permit	Minor Construction Permit Permit Review & Public Notice (PN) Regulatory Timeframe	SM Construction Permit Permit Review & Public Notice (PN) Regulatory Timeframe	PSD Construction Permit Permit Review & Public Notice (PN) Regulatory Timeframe	112(g) Construction Permit Permit Review & Public Notice (PN) Regulatory Timeframe
Carbon Monoxide (CO)	Combustion devices	PTE < 5TPY	PTE < 250 or 100 TPY**	PTE < 250 or 100 TPY**	PTE ≥ 250 or 100 TPY**	N/A	90 days/No PN Expedited*** 30 days/No PN	90 days/PN Expedited*** 65 days/PN	270 days/PN Expedited*** 120 days/PN-Non Class 1 Area 150 days/PN-Class 1 Area	N/A
Particulate Matter PM	Sandblasting, woodworking	PTE < 5TPY	PTE < 250 or 100 TPY**	PTE < 250 or 100 TPY**	PTE ≥ 250 or 100 TPY**	N/A	90 days/No PN Expedited*** 30 days/No PN	90 days/PN Expedited*** 65 days/PN	270 days/PN Expedited*** 120 days/PN-Non Class 1 Area 150 days/PN-Class 1 Area	N/A
PM ₁₀	Fuel combustion, sanding operations	PTE < 5TPY	PTE < 250 or 100 TPY**	PTE < 250 or 100 TPY**	PTE ≥ 250 or 100 TPY**	N/A	90 days/No PN Expedited*** 30 days/No PN	90 days/PN Expedited*** 65 days/PN	270 days/PN Expedited*** 120 days/PN-Non Class 1 Area 150 days/PN-Class 1 Area	N/A
PM _{2.5}	Mining operations, fuel combustion	PTE < 5TPY	PTE < 250 or 100 TPY**	PTE < 250 or 100 TPY**	PTE ≥ 250 or 100 TPY**	N/A	90 days/No PN Expedited*** 30 days/No PN	90 days/PN Expedited*** 65 days/PN	270 days/PN Expedited*** 120 days/PN-Non Class 1 Area 150 days/PN-Class 1 Area	N/A
Nitrogen Oxides (NO _x)	Combustion devices	PTE < 5TPY	PTE < 250 or 100 TPY**	PTE < 250 or 100 TPY**	PTE ≥ 250 or 100 TPY**	N/A	90 days/No PN Expedited*** 30 days/No PN	90 days/PN Expedited*** 65 days/PN	270 days/PN Expedited*** 120 days/PN-Non Class 1 Area 150 days/PN-Class 1 Area	N/A
Sulfur Dioxide (SO ₂)	Fuel oil, boilers	PTE < 5TPY	PTE < 250 or 100 TPY**	PTE < 250 or 100 TPY**	PTE ≥ 250 or 100 TPY**	N/A	90 days/No PN Expedited*** 30 days/No PN	90 days/PN Expedited*** 65 days/PN	270 days/PN Expedited*** 120 days/PN-Non Class 1 Area 150 days/PN-Class 1 Area	N/A
Volatile Organic Compounds (VOCs)	Paint booths	PTE < 1000 lb/mo*	PTE < 250 or 100 TPY**	PTE < 250 or 100 TPY**	PTE ≥ 250 or 100 TPY**	N/A	90 days/No PN Expedited*** 30 days/No PN	90 days/PN Expedited*** 65 days/PN	270 days/PN Expedited*** 120 days/PN-Non Class 1 Area 150 days/PN-Class 1 Area	N/A
Lead (Pb)	Fuel combustion, lead smelting operations		PTE < 10 TPY	PTE < 10 TPY	PTE ≥ 10 TPY	N/A	90 days/No PN Expedited*** 30 days/No PN	90 days/PN Expedited*** 65 days/PN	270 days/PN Expedited*** 120 days/PN-Non Class 1 Area 150 days/PN-Class 1 Area	N/A
Hazardous Air Pollutant (HAP): Single Hap (each HAP calculated separately) www.epa.gov/ttn/atw/pollsour.html	Printing operations, textile operations		PTE < 10 TPY	PTE < 10 TPY	N/A	PTE ≥ 10 TPY	90 days/No PN Expedited*** 30 days/No PN	90 days/PN Expedited*** 65 days/PN	N/A	105 days/PN
Multiple HAPS: (All HAP emissions summed together)	Chemical batch operations		PTE < 25 TPY	PTE < 25 TPY	N/A	PTE ≥ 25 TPY	90 days/No PN Expedited*** 30 days/No PN	90 days/PN Expedited*** 65 days/PN	N/A	105 days/PN

Criteria Pollutants (CO, NO_x, SO₂, Particulate Matter, Lead, VOC) are common and emitted in relatively large quantities by a variety of sources.

PTE: Potential To Emit

* Sources of VOCs greater than 1,000 lb/month may be exempt on a case by case basis.

** Sources that are one of the 28 source categories defined in the PSD Regulations have a threshold of 100 tons per year, including fugitive emissions. All other sources have a threshold of 250 tons per year. If your facility has proposed emissions at or greater than the 100/250 TPY threshold and are not taking limits, please contact BAQ to discuss.

*** Visit the Expedited Review Program at www.scdhec.gov/Environment/AirQuality/ConstructionPermits/ExpeditedReviewofPermits for details prior to application submittal.

