

Maximum Operating Hours, per Combined Project Engine Size and Distance to Nearest Receptor, Not Triggering a HRA or Qualifying for Streamlining																			
U.S. EPA Tier 4 Certified or Compliant PM Standards																			
Engine Capacity Ranges				Tier 4 PM Standard		For Projects Located in an Overburdened Community					For Projects NOT Located in an Overburdened Community				Project Location: In or Not In an Overburdened Community (OBC), as defined in Regulation 2-1-243				
kW Range		bhp Range		[g/kW-hr]	[g/bhp-hr]	<100 feet	100-299 feet	300-799 feet	800+ feet		<100 feet	100-299 feet	300-799 feet	800+ feet	Distance to Nearest Receptor (feet)				
37	56	50	< 75	0.03	0.022	50 hrs/yr	50 hrs/yr	50 hrs/yr	50 hrs/yr		50 hrs/yr	50 hrs/yr	50 hrs/yr	50 hrs/yr	Reliability Related Testing Time Limit (hours/year)				
						No HRA or PN	No HRA or PN	No HRA or PN	No HRA or PN		No HRA or PN	No HRA or PN	No HRA or PN	No HRA or PN	Health Risk Assessment (HRA) and Public Notice (PN) Applicability				
56	< 75	75	< 100	0.02	0.015	50 hrs/yr	50 hrs/yr	50 hrs/yr	50 hrs/yr		50 hrs/yr	50 hrs/yr	50 hrs/yr	50 hrs/yr	Reliability Related Testing Time Limit (hours/year)				
						No HRA or PN	No HRA or PN	No HRA or PN	No HRA or PN		No HRA or PN	No HRA or PN	No HRA or PN	No HRA or PN	Health Risk Assessment (HRA) and Public Notice (PN) Applicability				
75	< 130	100	< 175	0.02	0.015	45 hrs/yr	50 hrs/yr	50 hrs/yr	50 hrs/yr		45 hrs/yr	50 hrs/yr	50 hrs/yr	50 hrs/yr	Reliability Related Testing Time Limit (hours/year)				
						No HRA or PN	HRA Streamlining, Requires PN	HRA Streamlining, Requires PN	HRA Streamlining, Requires PN		No HRA or PN	HRA Streamlining, No PN	HRA Streamlining, No PN	HRA Streamlining, No PN	Health Risk Assessment (HRA) and Public Notice (PN) Applicability				
130	< 225	175	< 300	0.02	0.015	25 hrs/yr	43 hrs/yr	50 hrs/yr	50 hrs/yr		25 hrs/yr	50 hrs/yr	50 hrs/yr	50 hrs/yr	Reliability Related Testing Time Limit (hours/year)				
						No HRA or PN	HRA Streamlining, Requires PN	HRA Streamlining, Requires PN	HRA Streamlining, Requires PN		No HRA or PN	HRA Streamlining, No PN	HRA Streamlining, No PN	HRA Streamlining, No PN	Health Risk Assessment (HRA) and Public Notice (PN) Applicability				
225	< 450	300	< 600	0.02	0.015	13 hrs/yr	21 hrs/yr	50 hrs/yr	50 hrs/yr		13 hrs/yr	50 hrs/yr	50 hrs/yr	50 hrs/yr	Reliability Related Testing Time Limit (hours/year)				
						No HRA or PN	HRA Streamlining, Requires PN	HRA Streamlining, Requires PN	HRA Streamlining, Requires PN		No HRA or PN	HRA Streamlining, No PN	HRA Streamlining, No PN	HRA Streamlining, No PN	Health Risk Assessment (HRA) and Public Notice (PN) Applicability				
450	< 560	600	< 750	0.02	0.015	10 hrs/yr	17 hrs/yr	50 hrs/yr	50 hrs/yr		10 hrs/yr	50 hrs/yr	50 hrs/yr	50 hrs/yr	Reliability Related Testing Time Limit (hours/year)				
						No HRA or PN	HRA Streamlining, Requires PN	HRA Streamlining, Requires PN	HRA Streamlining, Requires PN		No HRA or PN	HRA Streamlining, No PN	HRA Streamlining, No PN	HRA Streamlining, No PN	Health Risk Assessment (HRA) and Public Notice (PN) Applicability				
560	< 750	750	< 1000	0.03	0.022			35 hrs/yr	50 hrs/yr			50 hrs/yr	50 hrs/yr	50 hrs/yr	Reliability Related Testing Time Limit (hours/year)				
								HRA Streamlining, Requires PN	HRA Streamlining, Requires PN			HRA Streamlining, No PN	HRA Streamlining, No PN	HRA Streamlining, No PN	Health Risk Assessment (HRA) and Public Notice (PN) Applicability				
Use below matrix with emission rate of 0.015 g/bhp-hr when all individual engines within the project have emission rates less than or equal to 0.015 g/bhp-hr (individual engine with capacities of 75 bhp to < 750 bhp).																			
750	<1120	1000	<1500	0.02	0.015			34 hrs/year	50 hrs/yr			50 hrs/yr	50 hrs/yr	50 hrs/yr	Reliability Related Testing Time Limit (hours/year)				
								HRA Streamlining, Requires PN	HRA Streamlining, Requires PN			HRA Streamlining, No PN	HRA Streamlining, No PN	HRA Streamlining, No PN	Health Risk Assessment (HRA) and Public Notice (PN) Applicability				
1120	<1470	1500	<2000	0.02	0.015			25 hrs/year	50 hrs/yr			39 hrs/year	50 hrs/yr	50 hrs/yr	Reliability Related Testing Time Limit (hours/year)				
								HRA Streamlining, Requires PN	HRA Streamlining, Requires PN			HRA Streamlining, No PN	HRA Streamlining, No PN	HRA Streamlining, No PN	Health Risk Assessment (HRA) and Public Notice (PN) Applicability				
1470	<1840	2000	<2500	0.02	0.015			20 hrs/year	50 hrs/yr			31 hrs/year	50 hrs/yr	50 hrs/yr	Reliability Related Testing Time Limit (hours/year)				
								HRA Streamlining, Requires PN	HRA Streamlining, Requires PN			HRA Streamlining, No PN	HRA Streamlining, No PN	HRA Streamlining, No PN	Health Risk Assessment (HRA) and Public Notice (PN) Applicability				
Use below matrix with emission rate of 0.022 g/bhp-hr when all individual engines have varying Tier IV emission rates and all emission rates are less than or equal to 0.022 g/bhp-hr (project includes individual engines with capacities of 50 to <75 bhp or 750 to <1000 bhp).																			
750	<1120	1000	<1500	0.03	0.022			23 hrs/year	50 hrs/yr			35 hrs/year	50 hrs/yr	50 hrs/yr	Reliability Related Testing Time Limit (hours/year)				
								HRA Streamlining, Requires PN	HRA Streamlining, Requires PN			HRA Streamlining, No PN	HRA Streamlining, No PN	HRA Streamlining, No PN	Health Risk Assessment (HRA) and Public Notice (PN) Applicability				
1120	<1470	1500	<2000	0.03	0.022			17 hrs/year	50 hrs/yr			26 hrs/year	50 hrs/yr	50 hrs/yr	Reliability Related Testing Time Limit (hours/year)				
								HRA Streamlining, Requires PN	HRA Streamlining, Requires PN			HRA Streamlining, No PN	HRA Streamlining, No PN	HRA Streamlining, No PN	Health Risk Assessment (HRA) and Public Notice (PN) Applicability				
1470	<1840	2000	<2500	0.03	0.022			14 hrs/year	50 hrs/yr			21 hrs/year	50 hrs/yr	50 hrs/yr	Reliability Related Testing Time Limit (hours/year)				
								HRA Streamlining, Requires PN	HRA Streamlining, Requires PN			HRA Streamlining, No PN	HRA Streamlining, No PN	HRA Streamlining, No PN	Health Risk Assessment (HRA) and Public Notice (PN) Applicability				
Projects below HRA trigger threshold of Table 2-5-1 where no HRA is required and no Public Notice is required for OBC purposes. Please note that a Public Notice may still be triggered based on the project's proximity to a school.																			
Projects Qualifying for Streamlined HRA where no Public Notice is required for OBC purposes. Please note that a Public Notice may still be triggered based on the project's proximity to a school.																			
Projects with fewer than 10 hours/year of operating hours. Will need a refined HRA.																			
Operating hours listed in red represent the maximum operating hours, less than 50 hrs/year, for which a refined HRA is not required.																			