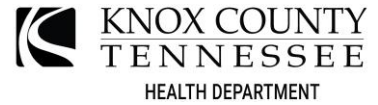


**Knox County Department of Air Quality Management**  
 Non-Title V Permit Application  
 APC-23 Form: Internal Combustion Engine Source Data  
 (Please Type or Print)



Please fill out a form for each internal combustion engine						
<b>1. Business information:</b>					<b>Air Quality Use Only</b>	
Business license name of corporation, company, individual owner, or governmental agency under which the application is submitted						
<b>2. Emission unit name:</b>					<b>Emission Unit Number</b>	
<b>3. Operating schedule:</b>						
Hours per day	Days per week	Weeks per year	Days per year			
<b>4. Percentage of yearly operation that occurs during the following quarters: (total must equal 100%)</b>						
Dec-Jan-Feb	Mar-April-May	June-July-Aug	Sept-Oct-Nov			
<b>5. Internal combustion engine data: (attach the manufacturer's product literature, if available)</b>						
Manufacturer	Model number	Serial no.	Date manufactured	Date installed		
Engine maximum brake horsepower (bhp)	Displacement per cylinder (liters)	Engine type: <input type="checkbox"/> 2 stroke <input type="checkbox"/> 4 stroke	Emergency use engine? <input type="checkbox"/> Yes <input type="checkbox"/> No	For generators, maximum electrical kW (ekW)	Requested maximum operating hours per year*	
* If left blank, a default of 500 hours will be used for emergency engines and 8760 hours for all other engines.						
<b>6. Fuel data:</b>						
Primary fuel type (specify)			Standby fuel type (specify)			
Fuels Used	Annual Usage	Hour Usage		% Sulfur	% Ash	BTU Value of Fuel
		Design	Average			
Natural Gas	10 <sup>6</sup> ft <sup>3</sup>	ft <sup>3</sup>	ft <sup>3</sup>			1,020 BTU/ft <sup>3</sup>
#2 Fuel Oil	10 <sup>3</sup> gal	gal	gal			
Other (Specify type & units)						
<b>7. Exhaust stack data:</b>						
Height above grade (ft)	Diameter (ft)	Flow (actual ft <sup>3</sup> /min)	Distance to nearest property line (ft)			
<b>8. Comments</b>						
<b>9. Based upon information and belief formed after a reasonable inquiry, I certify that the information contained in this application is accurate and true to the best of my knowledge.</b>						
Signature of responsible official			Date of application			