



<b>Section G: Equipment Information</b>				
Manufacturer:	Model:	Serial Number:		
Is <b>water quenching</b> used? <input type="checkbox"/> YES <input type="checkbox"/> NO				
If yes, what is the water injection rate?:		<b>gal/min</b>		
Is <b>air dilution</b> used? <input type="checkbox"/> YES <input type="checkbox"/> NO				
If yes, what is the air dilution flow rate?:		<b>acfm</b>		
Is a <b>sudden expansion</b> used? <input type="checkbox"/> YES <input type="checkbox"/> NO				
Duct Cross Sectional Area Before Sudden Expansion:			<b>square feet</b>	
Duct Cross Sectional Area After Sudden Expansion:			<b>square feet</b>	
Check the types of cooling used: <input type="checkbox"/> Radiant Cooling <input type="checkbox"/> Convection Cooling <input type="checkbox"/> Water Cooled Duct Work <input type="checkbox"/> Forced Draft <input type="checkbox"/> Other (Specify):				
Attach the manufacturer's specification sheet for the knockout pot.				
<b>Section H: Contaminant Information</b>				
Percent of Each Contaminant in the Waste Gas and Removal Efficiency				
If more than five contaminants are present, attach additional copies of this page as needed.				
Contaminant	CAS Number	Concentration in Waste Gas	Vapor Pressure	Removal Efficiency
		<b>% by weight</b>	<b>psi at ° F</b>	<b>%</b>
		<b>% by weight</b>	<b>psi at ° F</b>	<b>%</b>
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		<b>% by weight</b>	<b>psi at ° F</b>	<b>%</b>
<b>Section I: Gas Stream Information</b>				
Maximum Inlet Volumetric Gas Flow Rate:		<b>acfm</b>	at	<b>° F</b>
Maximum Outlet Volumetric Gas Flow Rate:		<b>acfm</b>	at	<b>° F</b>
Pressure Drop:		<b>inches water</b>		
<b>Section J: Stack Information</b>				
Stack Height Above Grade:		<b>feet</b>		
Stack Exit Diameter:		<b>feet</b>		
<i>(Provide stack dimensions if rectangular stack.)</i>				
Is a <b>stack cap</b> present? <input type="checkbox"/> YES <input type="checkbox"/> NO				
Stack Configuration:		<input type="checkbox"/> Vertical	<input type="checkbox"/> Horizontal	<input type="checkbox"/> Downward – Venting
<i>(Check all that apply)</i> <input type="checkbox"/> Other (Specify):				
Stack Exit Gas Temperature:		<b>° F</b>	Stack Exit Gas Flow Rate:	<b>ACFM</b>
Distance to Nearest Property Line:		<b>feet</b>		
Describe nearest obstruction:				
Height of Nearest Obstruction:		<b>feet</b>	Distance to Nearest Obstruction:	<b>feet</b>
Are stack <b>sampling ports</b> provided? <input type="checkbox"/> YES <input type="checkbox"/> NO				

