



Maricopa County Air Quality Department
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THERMAL OXIDIZER PREVENTATIVE MAINTENENCE CHECKLIST

Business Name: _____

Equipment Identification: _____

O&M Plan Revision Date: _____

Date _____	Technician _____	
<u>Weekly Procedures</u>		
<u>Results</u>	<u>Action Taken</u>	
Inspect fuel piping train for leaks	_____	_____
<u>Monthly Procedures</u>		
<u>Results</u>	<u>Action Taken</u>	
Check condition of fan bearings & belts	_____	_____
Inspect refractory for cracks	_____	_____
Inspect/clean burner area	_____	_____
<u>Quarterly Procedures</u>		
<u>Results</u>	<u>Action Taken</u>	
Inspect system/ductwork for leaks	_____	_____
Lubricate fan motor bearings	_____	_____
Inspect burner for warpage & corrosion	_____	_____
Inspect burner gas jets for corrosion & deposits	_____	_____
Inspect electrical valves & interlock switches for dirty contacts, moisture leaks & deteriorating insulation	_____	_____
Verify interlocks are working	_____	_____
<u>Semi-Annual Procedures</u>		
<u>Results</u>	<u>Action Taken</u>	
Inspect outer shell for weld cracks & hot spots	_____	_____
Calibrate instrumentation	_____	_____
Inspect ductwork for dirt & blockages	_____	_____
<u>COMMENTS:</u>		