

# GCP-2 Aggregate Facilities – Compliance Assessment Checklist

Date: \_\_\_\_\_

<b>Company:</b>			
<b>Facility Address:</b>			
<b>Facility:</b>	<b>Permit No.:</b>		
<b>Is facility subject to 40 CFR 60, Subpart OOO?</b> Portable crusher >150 tph _____ Fixed crusher >25 tph _____ Other _____			
<b>Is facility co-located with another facility?</b> Concrete Batch Plant _____ Hot Mix Asphalt Plant _____			
<b>If co-located, are production limits met?</b> Yes____ No____ Concrete Batch Plant ≤ 2400 YPD Hot Mix Asphalt Plant ≤ 7800 TPD			
<b>Facility Representative &amp; Title:</b>	<b>Phone:</b>		
<b>SBEAP Staff:</b>			
<b>FACILITY REVIEW: Process equipment, emission sources, and site setbacks</b>			
<b>Property Review</b>			
<b>Y</b>	<b>N</b>	Restricted area is properly enclosed as represented in the application	<b>Notes:</b>
<b>Y</b>	<b>N</b>	Plot plan is accurate	
<b>Y</b>	<b>N</b>	Process flow sheet is correct	
<b>Quarrying, Crushing, &amp; Screening Plants</b>			
<b>Y</b>	<b>N</b>	Equipment matches latest registration or substitution/addition form (attached)	<b>Notes:</b>
<b>Y</b>	<b>N</b>	Water or other control measures used for visible emissions	
<b>Y</b>	<b>N</b>	Engine exhaust is vented vertically	
<b>Y</b>	<b>N</b>	Restricted area 11-yard setback is met	
<b>Y</b>	<b>N</b>	UTME: _____ UTMN: _____ UTM matches application coordinates	
<b>Haul Roads</b>		<b>Notes:</b> *Also refer to Table III.F.1 in GCP-2 for various limits on road length vs. number of truck trips/day	
<b>Y</b>	<b>N</b>		Length of haul road is ≤ 4-miles
<b>Y</b>	<b>N</b>		The required fugitive emissions control is used (circle one): → Water → Water & base coarse → Surfactant → Pave & sweep
<b>Y</b>	<b>N</b>		If water is used, a water truck is available on-site or by mobile service
<b>Y</b>	<b>N</b>		Restricted area 11-yard setback is met

### Acronyms

AQB – Air Quality Bureau  
 CO – Carbon Monoxide  
 EPA – US Environmental Protection Agency

NOx – Oxides of Nitrogen  
 GCP – General Construction Permit

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<b>FACILITY REVIEW: Site setbacks (continued)</b>			
<b>Setbacks for Area of Operations to Occupied Structure &amp; Class I Area</b>			
<b>Y</b>	<b>N</b>	Area of Operations perimeter to occupied structure is $\geq 1/4$ mile UTME: _____ UTMN: _____ UTM matches application coordinates	
<b>Y</b>	<b>N</b>	Class I Area perimeter is at least 3 miles from Area of Operations perimeter UTME: _____ UTMN: _____ UTM matches application coordinates	
<b>Visible Emissions: Permit limit is no more than 5-minutes in any 2 consecutive hours using EPA Method 22</b>			
<b>Y</b>	<b>N</b>	Permit limits have been met for visible emissions that cross the restricted area	
<b>Notes:</b>			
<b>RECORDS REVIEW: Permit and other documents and notifications</b>			
<b>Copies of Documents Kept On-site</b>		<b>Notes:</b>	
<b>Y</b>	<b>N</b>		GCP-2 permit
<b>Y</b>	<b>N</b>		Registration application(s)
<b>Y</b>	<b>N</b>		Relocation application(s)
<b>Y</b>	<b>N</b>		Approval letter(s)
<b>Y</b>	<b>N</b>		Records of scheduled maintenance activities performed
<b>Y</b>	<b>N</b>		Copies of the manufacturer's (or applicant's proposed) maintenance requirements
<b>Y</b>	<b>N</b>		Fuel delivery records that include fuel type and number of gallons purchased
<b>Y</b>	<b>N</b>		Copies of compliance test documents
<b>Y</b>	<b>N</b>		Records are kept on-site or at a local office for at least 2-years after collection
<b>Notifications to Air Quality Bureau</b>		<b>Notes:</b>	
<b>Y</b>	<b>N</b>		Initial start-up submitted within 15-days
<b>Y</b>	<b>N</b>		Have there been any equipment changes?
<b>Y</b>	<b>N</b>		Have there been any changes to production rates?
<b>Y</b>	<b>N</b>		Have there been any changes to operating hours?
<b>Y</b>	<b>N</b>		Have there been any changes to the length of the haul road?
<b>Y</b>	<b>N</b>		Have there been any changes to facility contacts?
<b>Y</b>	<b>N</b>		Have there been any changes in ownership?
<b>Y</b>	<b>N</b>		Has your small business status changed due to an increase in annual production rate or number of employees (>10)?
<b>Y</b>	<b>N</b>	Notified within 24 hours by phone or fax & written notification submitted within 10 days: When excess emissions from control equipment malfunctions or visible emissions limit exceeded when crossing restricted area perimeter	

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RECORDS REVIEW: Compliance tests											
<b>Initial Compliance Tests – Engines <math>\geq</math> 180 hp</b>				<b>Notes:</b>							
<b>Y</b>	<b>N</b>	Completed within 60 days of initial start-up									
		Test methods used were: → NOx & CO - EPA Methods <u>or</u> portable analyzers authorized by AQB									
<b>Y</b>	<b>N</b>	→ Opacity - EPA Method 9									
<b>Y</b>	<b>N</b>	Test protocols submitted to AQB for approval at least 30-days before test date									
<b>Y</b>	<b>N</b>	Test results and protocols submitted to AQB no later than 45-days after test completed									
<b>Y</b>	<b>N</b>	Test passed for NOx, CO, & opacity									
<b>Initial Compliance Tests – Aggregate Equipment</b>				<b>Crusher</b>		<b>Hopper</b>		<b>Screen</b>		<b>Conveyor</b>	
Completed within 60 days of initial start-up				<b>Y</b>	<b>N</b>	<b>Y</b>	<b>N</b>	<b>Y</b>	<b>N</b>	<b>Y</b>	<b>N</b>
Test method used was EPA Method 9 with additional requirements in 40 CFR 60.675(c), Subpart OOO				<b>Y</b>	<b>N</b>	<b>Y</b>	<b>N</b>	<b>Y</b>	<b>N</b>	<b>Y</b>	<b>N</b>
Test protocols submitted to AQB for approval at least 30-days before test date				<b>Y</b>	<b>N</b>	<b>Y</b>	<b>N</b>	<b>Y</b>	<b>N</b>	<b>Y</b>	<b>N</b>
Test results and protocols submitted to AQB no later than 45-days after test completed				<b>Y</b>	<b>N</b>	<b>Y</b>	<b>N</b>	<b>Y</b>	<b>N</b>	<b>Y</b>	<b>N</b>
Test passed opacity limits in GCP-2				<b>Y</b>	<b>N</b>	<b>Y</b>	<b>N</b>	<b>Y</b>	<b>N</b>	<b>Y</b>	<b>N</b>
Test passed opacity limits in 40 CFR 60, Subpart OOO (if applicable)				<b>Y</b>	<b>N</b>	<b>Y</b>	<b>N</b>	<b>Y</b>	<b>N</b>	<b>Y</b>	<b>N</b>
Repeated test within 5-years of last test at plants without water sprays and passed opacity limits in 40 CFR 60, Subpart OOO (if applicable)				<b>Y</b>	<b>N</b>	<b>Y</b>	<b>N</b>	<b>Y</b>	<b>N</b>	<b>Y</b>	<b>N</b>
<b>Notes:</b>											
<b>Monthly Compliance Tests – Aggregate Equipment</b>				<b>Crusher</b>		<b>Hopper</b>		<b>Screen</b>		<b>Conveyor</b>	
Tests are completed at least once per month				<b>Y</b>	<b>N</b>	<b>Y</b>	<b>N</b>	<b>Y</b>	<b>N</b>	<b>Y</b>	<b>N</b>
Test method used was EPA Method 9 with additional requirements in 40 CFR 60.675(c), Subpart OOO				<b>Y</b>	<b>N</b>	<b>Y</b>	<b>N</b>	<b>Y</b>	<b>N</b>	<b>Y</b>	<b>N</b>
Test passed opacity limits for GCP-2				<b>Y</b>	<b>N</b>	<b>Y</b>	<b>N</b>	<b>Y</b>	<b>N</b>	<b>Y</b>	<b>N</b>
Corrective actions completed on water sprays by schedule detailed in 40 CFR 60, Subpart OOO (if applicable)				<b>Y</b>	<b>N</b>	<b>Y</b>	<b>N</b>	<b>Y</b>	<b>N</b>	<b>Y</b>	<b>N</b>
<b>Notes:</b>											

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<b>RECORDS REVIEW: Recordkeeping – Daily, monthly, or by activity</b>		
<b>Y</b>	<b>N</b>	Daily record of control device inspections and total water usage for water sprays if used
<b>Y</b>	<b>N</b>	Daily hours of operation are recorded
<b>Y</b>	<b>N</b>	Daily operating hours match application
<b>Y</b>	<b>N</b>	Daily total production (tons) is recorded
<b>Y</b>	<b>N</b>	Daily production matches application
<b>Y</b>	<b>N</b>	Maximum daily production is ≤ 600 TPH
<b>Y</b>	<b>N</b>	12-month rolling total production is calculated & recorded
<b>Y</b>	<b>N</b>	Number of haul truck trips per day is recorded
<b>Y</b>	<b>N</b>	Haul road controls: Amount & frequency of water used is recorded (if applicable)
<b>Y</b>	<b>N</b>	Haul road controls: Amount & frequency of base course used is recorded (if applicable)
<b>Y</b>	<b>N</b>	Haul road controls: Amount & frequency of surfactant used is recorded (if applicable)
<b>Y</b>	<b>N</b>	Haul road controls: Frequency of sweeping paved roads is recorded (if applicable)
<b>Y</b>	<b>N</b>	Records of any maintenance on control devices
<b>Y</b>	<b>N</b>	Monthly monitoring tests for opacity (EPA Method 9) for crusher, hopper, screen, & conveyor are recorded
<b>Notes:</b>		

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