West Virginia Department of Environmental Protection

Austin Caperton
Cabinet Secretary

Class II General Permit G20-C Registration to (Construct, Modify, etc.)

for the
Prevention and Control of Air Pollution in regard to the
Construction, Modification, Relocation, Administrative Update and
Operation of Hot Mix Asphalt Plants

The permittee identified at the facility listed below is authorized to construct and operate the stationary sources of air pollutants identified herein in accordancewith all terms and conditions of General Permit G20-C.

G20-C (Registration Number)

Issued to:
[Company Name]
[Facility Name]
[Company ID #]

_____

William F. Durham
Director, Division of Air Quality

Issued: [Date of Issuance]

This Class II General Permit Registration will supercede and replace (Permit registration number, include any applicable permits, consent orders, etc. These may include R13 permits or versions of the G20 General Permits)

Facility Location:	(City), (County Name) County, West Virginia
Mailing Address:	(Facility Mailing Address)
Physical Address:	(Facility Physical Address, if none available, list road, city or town and zip of facility)
Facility Description:	(Facility description)
NAICS Code:	324121
SIC Code:	2951
Longitude Coordinates:	(NAD83, Decimal degrees to 5 digits)
Latitude Coordinates:	(NAD83, Decimal degrees to 5 digits)
Directions to Facility:	(Directions to the facility from nearest state road)
Registration Type:	(Administrative update, construction, modification)
Description of Change:	(Description of change)

Any person whose interest may be affected, including, but not necessarily limited to, the applicant and any person who participated in the public comment process, by a permit or registration issued, modified or denied by the Secretary may appeal such action of the Secretary to the Air Quality Board pursuant to article one [§§ 22B-1-1 et seq.], Chapter 22B of the Code of West Virginia. West Virginia Code §22-5-14.

This permit does not affect 45CSR30 applicability, the source is a nonmajor source subject to 45CSR30.

OR

The source is a nonmajor source subject to 45CSR30.

Permit Section Applicability for the Registrant

All registered facilities under General Permit G20-C are subject to Sections 1.0, 2.0, 3.0, and 4.0 of General Permit G20-C.

The following additional sections of General Permit G20-C apply to the registrant:

GENERAL PERMIT G20-C APPLICABLE SECTIONS	
☐ Section 5.0	Hot Mix Asphalt Plants
☐ Section 6.0	Reciprocating Internal Combustion Engines and Generator Engines (excluding non-road engines)
☐ Section 7.0	Non-Road Engines
☐ Section 8.0	Small Heaters and Boilers not subject to 40CFR60 Subpart Dc

HOT MIX ASPHALT BATCH PLANT

General HMA Plant Information	Source Identification Number	
	Manufacturer & Model Number	
	Date of Manufacture	
	Plant Type	
	Max Production Rate (ton/hour)	
	Max Yearly Production (tons/year)	
	Annual Operation (hours/year)	
Batch Plant Information	Tons per Batch	
	Batches per Hour	
Drum Mixer Information	Drum Length (ft)	
	Drum Diameter (ft)	
Burner, Fuel & Combustion Data	Burner Manufacturer & Model Number	
	Design Heat Input (mmBTU/hour)	
	Excess Air (%)	
	Fuel Type	
	Maximum Fuel Usage	
	Fuel Heating Value	
	Maximum Sulfur Content (%)	
	Maximum Ash Content (%)	

HMA Plant subject to 40CFR60 Subpart I? ☐ Yes ☐ No

HMA Plant subject to 40CFR60 Subpart OOO? ☐ Yes ☐ No

**** Add or Delete Rows as necessary ****

APCD

HMA PLANT AIR POLLUTION CONTROL DEVICE DATA SHEET	PRIMARY COLLECTION (CYCLONE)	SECONDARY COLLECTION (BAGHOUSE)
APCD Identification Number		
Manufacturer & Model Number		
Number of Cylinders		
Number of Compartments		
Cylinder Diameter (ft)		
Cylinder Length (ft)		
Cone Length (ft)		
Gas Inlet Area (ft)		
Gas Outlet Area (ft)		
Bag Cleaning Mechanism		
Total Cloth (fabric) Area (ft^2)		
Draft Fan HP		
Outlet Stack Area (ft^2)		
Minimum Design ΔP (in H20)		
Maximum Design ΔP (in H20)		
Inlet Gas Flow Rate (ACFM)		
Inlet Gas Temperature (°F)		
Inlet Gas Pressure (PSIA)		
Inlet Gas Velocity (ft/sec)		
PM Inlet Rate (grains/ACF)		
PM Outlet Rate (grains/ACF)		
Operating Air/Cloth Ratio (ft/min)		

**** Add or Delete Rows as necessary ****

STORAGE AND HANDLING

Source Identification Number						
Material Stored						
Maximum Yearly Throughput (tons/year)						
Typical Moisture Content (%)						
Average % of Material Passing Through 200 Mesh Sieve						
Maximum Stockpile Base Area (ft^2)						
Maximum Stockpile Height (ft)						
Maximum Storage Capacity (tons)						
Dust Control Method Applied to Storage						
Method of Material Load-in to Bin or Stockpile						
Dust Control Method Applied During Load-in						
Method of Material Load-out from Bin or Stockpile						
Dust Control Method Applied During Load-out						

**** Add or Delete Rows as necessary ****

STORAGE VESSELS

Source ID #	Content (Lube Oil, Diesel, etc.)	Volume (gal)

*** *Add or Delete Rows as necessary* ***

FUEL BURNING UNITS				
Emission Unit ID#	**Emission Point ID#**	**Description**	**MDHI (MMBTU/hr)**	**Year Installed/ Modified**
		Heater		
		Boilers		

RECIPROCATING INTERNAL COMBUSTION ENGINES									
Emission Unit ID#	**Emission Point ID#**	**Make/Model/HP**	**Control Device ID#**	**Year Installed/ Modified**	**Engine Manufacture Date**	**Subject to 6.1.4/ 6.2**	**Engine Type**	**Applicable Rules**	**40CFR63 Subpart ZZZZ New or Existing?**
						☐ Yes ☐ No	☐ 2SLB ☐ 4SLB ☐ 4SRB	☐ 40CFR60 Subpart JJJJ ☐ Certified? ☐ 40CFR60 Subpart IIII ☐ Certified? ☐ 40CFR63 Subpart ZZZZ ☐ NESHAP ZZZZ/ NSPS JJJJ Window	☐ New ☐ Existing
						☐ Yes ☐ No	☐ 2SLB ☐ 4SLB ☐ 4SRB	☐ 40CFR60 Subpart JJJJ ☐ Certified? ☐ 40CFR60 Subpart IIII ☐ Certified? ☐ 40CFR63 Subpart ZZZZ ☐ NESHAP ZZZZ/ NSPS JJJJ Window	☐ New ☐ Existing
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						☐ Yes ☐ No	☐ 2SLB ☐ 4SLB ☐ 4SRB	☐ 40CFR60 Subpart JJJJ ☐ Certified? ☐ 40CFR60 Subpart IIII ☐ Certified? ☐ 40CFR63 Subpart ZZZZ ☐ NESHAP ZZZZ/ NSPS JJJJ Window	☐ New ☐ Existing

New or reconstructed sources in accordance with 63.76590(c) must only meet the requirements of 40CFR60 Subparts IIII or JJJJ.
Notes to permit engineer: (1) customize for specific registration and add/delete lines as necessary; (2) remove red font notes prior to issuance.

RECIPROCATING INTERNAL COMBUSTION ENGINES TESTING REQUIREMENTS

Emission Unit ID#	Emission Point ID#	Make/Model/HP	Control Device ID#	Year Installed/ Modified	Engine Manufacture Date	Testing Requirements
						☐ Initial Performance Test ☐ Every 8,760 hours of operation or 3 years (whichever comes first)
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NON-ROAD ENGINES

Engine Manufacturer:	
Engine Model:	
Engine Serial No.:	
Engine Date of Mfg:	

**** Add or Delete Rows as necessary ****

HEATERS/ENGINES CONTROLLED EMISSIONS SUMMARY SHEET														
Emission Point ID#	NO_x		CO		VOC		SO_2		PM		PM_{10}		GHG (CO_2e)	
	lb/hr	tpy	lb/hr	tpy	lb/hr	tpy	lb/hr	tpy	lb/hr	tpy	lb/hr	tpy	lb/hr	tpy
Heaters														
Engines														

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HEATERS/ENGINES CONTROLLED HAP EMISSIONS SUMMARY SHEET														
Emission Point ID#	Formaldehyde		Benzene		Toluene		Ethylbenzene		Xylenes		Hexane		Total HAPs	
	lb/hr	tpy	lb/hr	tpy	lb/hr	tpy	lb/hr	tpy	lb/hr	tpy	lb/hr	tpy	lb/hr	tpy
Heaters														
Engines														

Notes to permit engineer: (1) customize for specific registration and add/delete lines as necessary; (2) remove red font notes prior to issuance.