

### State of Mississippi



# FEDERALLY ENFORCEABLE AIR POLLUTION CONTROL PERMIT

Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

#### THIS CERTIFIES

Niteo Products LLC 720 Vaiden Drive Hernando, MS Desoto County

has been granted permission to operate air emissions equipment in accordance with emission limitations, monitoring requirements and conditions set forth herein. This permit is issued in accordance with the Federal Clean Air Act and the provisions of the Mississippi Air and Water Pollution Control Law (Section 49-17-1 et. set., Mississippi Code of 1972), the regulations and standards adopted and promulgated thereunder, and the State Implementation Plan for operating permits for synthetic minor sources.

Mississippi Environmental Quality Permit Board

Mississippi Department of Environmental Quality

Issued/Modified: AUG 0 4 2045

Expires: 001312019

Permit No.

0680-00027

Agency Interest # 1934

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Niteo Products LLC Subject Item Inventory Permit Number: 0680-00027 Activity ID No.: PER20150001

ID	Designation	Description
AI1934	1934	Manufacturer of automotive maintenance and car care products.
AREA1	AA-190	Trigger Line
AREA2	AA-191	Building 4 Packaging lines A through O and Portable Lines. Acid Packaging emissions will be routed to acid scrubber.
AREA3	AA-192	Bulk Truck Loading
CONT1	AA-194	Dust Collector for Trigger Building Blend Tanks (DC-700)
CONT2	AA-195	Dust Collector for Building 4 Blend Tanks (DC-702)
EQPT1	AA-135	550 gallon portable storage tote tank #1
EQPT2	AA-135	550 gallon portable storage tote tank #2
EQPT3	AA-135	550 gallon portable storage tote tank #3
EQPT4	AA-135	550 gallon portable storage tote tank #4
EQPT5	AA-185	Blend Tank A
EQPT6	AA-185	Blend Tank B
EQPT7	AA-185	Blend Tank C
EQPT8	AA-185	Blend Tank D
EQPT9	AA-185	Blend Tank F
EQPT10	AA-185	Blend Tank H
EQPT12	AA-189	Process Line I
EQPT14	AA-189	Process Line III
EQPT15	AA-189	Elf Line
EQPT16	AA-189	Pail Line

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ID	Designation	Description
EQPT17	AA-189	Drum Line
EQPT18	AB-001	1.2 MMBTU/Hr Natural Gas-fired Boiler (Reference No. HW-B1)
EQPT19	AB-001	1.2 MMBTU/Hr Natural Gas-fired Boiler (Reference No. HW-B2)
EQPT20	AB-002	3.3 MMBTU/hr Natural Gas-fired Steam Boiler
EQPT21	AB-003	341 hp Diesel Emergency Fire Water Pump Engine
EQPT22	AB-004	Aerosol Product Recovery Operation
EQPT23	AA-102	17,650 gallon Horizontal Storage Tank (Reference No. T-38)
EQPT24	AA-103	22,843 gallon Fixed Roof Storage Tank (Reference No. T-3)
EQPT25	AA-104	19,756 gallon Fixed Roof Storage Tank (Reference No. T-4)
EQPT26	AA-105	21,829 gallon Fixed Roof Storage Tank (Reference No. T-5)
EQPT27	AA-106	19,756 gallon Fixed Roof Storage Tank (Reference No. T-6)
EQPT28	AA-107	19,432 gallon Fixed Roof Storage Tank (Reference No. T-7)
EQPT29	AA-108	19,432 gallon Fixed Roof Storage Tank (Reference No. T-8)
EQPT30	AA-109	19,756 gallon Fixed Roof Storage Tank (Reference No. T-9)
EQPT31	AA-110	19,432 gallon Fixed Roof Storage Tank (Reference No. T-10)
EQPT32	AA-111	19,756 gallon Fixed Roof Storage Tank (Reference No. T-11)
EQPT33	AA-112	10,575 gallon Fixed Roof Storage Tank (Reference No. T-12)
EQPT34	AA-113	10,575 gallon Fixed Roof Storage Tank (Reference No. T-13)
EQPT35	AA-114	12,455 gallon Fixed Roof Storage Tank (Refrence No.T-14)
EQPT36	AA-115	19,756 gallon Fixed Roof Storage Tank (Reference No. T-15)

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ID	Designation	Description
EQPT37	AA-116	10,234 gallon Fixed Roof Storage Tank (Reference No. T-16)
EQPT38	AA-117	10,234 gallon Fixed Roof Storage Tank (Reference No. T-17)
EQPT39	AA-124	21,829 gallon Fixed Roof Storage Tank (Reference No. T-24)
EQPT40	AA-125	8,813 gallon Fixed Roof Storage Tank (Reference No. T-25)
EQPT41	AA-126	6,016 gallon Fixed Roof Storgae Tank (Reference No. T-26)
EQPT42	AA-127	6,016 gallon Fixed Roof Storage Tank (Reference No. T-27)
EQPT43	AA-128	20,404 gallon Fixed Roof Storage Tank (Reference No. T-28)
EQPT44	AA-129	20,404 gallon Fixed Roof Storage Tank (Reference No. T-29)
EQPT45	AA-130	22,843 gallon Fixed Roof Storage Tank (Reference No. T-19)
EQPT46	AA-131	22,843 gallon Fixed Roof Storage Tank (Reference No. T-30)
EQPT47	AA-132	22,843 gallon Fixed Roof Storage Tank (Reference No. T-31)
EQPT48	AA-133	22,843 gallon Fixed Roof Storage Tank (Reference No. T-32)
EQPT49	AA-134	22,843 gallon Fixed Roof Storage Tank (Reference No. T-33)
EQPT50	AA-136	310 gallon Horizontal Storage Tank for Diesel storage (Reference No. D-1)
EQPT51	AA-137	33,841 gallon Fixed Roof Storage Tank (Reference No. T-34)
EQPT52	AA-138	33,841 gallon Fixed Roof Storage Tank (Reference No. T-35)
EQPT53	AA-139	19,500 gallon Horizontal Storage Tank (Reference No. T-36)
EQPT54	AA-140	19,500 gallon Horizontal Storage Tank (Reference No. T-37)
EQPT55	AA-141	19,500 gallon Horizontal Storage Tank (Reference No. T-39)
EQPT56	AA-142	28,785 gallon Fixed Roof Storage Tank (Reference No. T-20)

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ID	Designation	Description
EQPT57	AA-143	28,785 gallon Fixed Roof Storage Tank (Reference No. T-21)
EQPT58	AA-144	11,400 gallon Blend Tank (Reference T-43)
EQPT59	AA-145	11,400 gallon Blend Tank (Reference T-44)
EQPT60	AA-146	11,400 gallon Blend Tank (Reference T-45)
EQPT61	AA-147	11,400 gallon Blend Tank (Reference T-46)
EQPT62	AA-148	11,400 gallon Fixed Roof Tank (Reference T-47)
EQPT63	AA-149	10,000 gallon Fixed Roof Tank (Reference T-48)
EQPT64	AA-150	10,000 gallon Fixed Roof Tank (Reference T-49)
EQPT65	AA-151	10,000 gallon Fixed Roof Tank (Reference T-50)
EQPT66	AA-152	10,000 gallon Fixed Roof Tank (Reference T-51)
EQPT67	AA-153	10,000 gallon Fixed Roof Tank (Reference T-52)
EQPT68	AA-154	7,400 gallon Fixed Roof Tank (Reference T-55)
EQPT69	AA-155	7,400 gallon Fixed Roof Tank (Reference T-56)
EQPT70	AA-156	7,400 gallon Fixed Roof Tank (Reference T-57)
EQPT71	AA-157	7,400 gallon Fixed Roof Tank (Reference T-58)
EQPT72	AA-158	700 gallon Blend Tank (Reference T-62)
EQPT73	AA-159	700 gallon Blend Tank (Reference T-63)
EQPT74	AA-160	700 gallon Blend Tank (Reference T-64)
EQPT75	AA-161	1,350 gallon Blend Tank (Reference T-65)
EQPT76	AA-162	2,000 gallon Blend Tank (Reference T-67)

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ID	Designation	Description
EQPT77	AA-163	6,500 gallon Blend Tank (Reference T-68)
EQPT78	AA-164	6,500 gallon Blend Tank (Reference T-69)
EQPT79	AA-165	2,000 gallon Blend Tank (Reference T-66)
EQPT82	AA-169	1,350 gallon Blend Tank (Reference T-76)
EQPT83	AA-170	700 gallon Blend Tank (Reference T-77)
EQPT84	AA-171	350 gallon Blend Tank (Reference T-78)
EQPT85	AA-172	700 gallon Blend Tank (Reference T-79)
EQPT86	AA-173	2,000 gallon Blend Tank (Reference T-80)
EQPT87	AA-174	350 gallon Blend Tank (Reference T-81)
EQPT88	AA-175	2,000 gallon Blend Tank (Reference T-82)
EQPT89	AA-176	2,400 gallon Blend Tank (Reference T-83)
EQPT93	AA-180	11,400 gallon Blend Tank (Reference T-91)
EQPT94	AA-181	5,300 gallon Blend Tank (Reference T-92)
EQPT95	AA-182	5,300 gallon Blend Tank (Reference T-93)
EQPT96	AA-183	4,000 gallon Blend Tank (Reference T-94)
EQPT97	AA-184	4,000 gallon Blend Tank (Reference T-95)
EQPT98	AA-193	11,400 gallon Fixed Roof Tank (Reference T-41)
EQPT99	AA-193	11,400 gallon Fixed Roof Tank (Reference T-42)
EQPT100	AA-193	7,400 gallon Blend Tank (Reference T-53)
EQPT101	AA-193	7,400 gallon Blend Tank (Reference T-54)

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ID	Designation	Description
EQPT102	AA-193	3,500 gallon Blend Tank (Reference T-59)
EQPT103	AA-193	1000 gallon Blend Tank (Reference T-60)
EQPT111	AA-185	Blend Tank G
EQPT112	AA-185	Blend Tank I
EQPT114	AA-187	MX-86 Schold Mixer
EQPT117	AB-005	Maintenance Solvent Parts Washer
EQPT118	AB-010	435 hp Cummins Emergency Diesel Generator
EQPT119	AA-189	Private Blend One Line
EQPT120	AB-005	Ten (10) Make Up Air Heaters
EQPT121	AB-006	6.9 MMBTU/hr Utica Boiler
EQPT122	AA-200	5 Gallon Benchtop Wax Mixer Tank
EQPT123	AA-201	72 Gallon Cowles Mixer, BT-87
EQPT124	AA-202	55 Gallon Portable Blend Tank, CarBrite, BT-P03
EQPT125	AA-203	180 Gallon Portable Blend Tank, CarBrite, BT-P02

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#### **Subject Item Groups:**

ID	Description	Components
GRPT4	Fuel Burning Equipment	EQPT18 1.2 MMBTU/Hr Natural Gas-fired Boiler (Reference No. HW-B1)  EQPT19 1.2 MMBTU/Hr Natural Gas-fired Boiler (Reference No. HW-B2)  EQPT20 3.3 MMBTU/hr Natural Gas-fired Steam Boiler  EQPT121 6.9 MMBTU/hr Utica Boiler
GRPT6	NSPS Subpart Kb Tanks	EQPT24 22,843 gallon Fixed Roof Storage Tank (Reference No. T-3)  EQPT26 21,829 gallon Fixed Roof Storage Tank (Reference No. T-5)  EQPT39 21,829 gallon Fixed Roof Storage Tank (Reference No. T-24)  EQPT43 20,404 gallon Fixed Roof Storage Tank (Reference No. T-28)  EQPT44 20,404 gallon Fixed Roof Storage Tank (Reference No. T-29)  EQPT45 22,843 gallon Fixed Roof Storage Tank (Reference No. T-19)  EQPT46 22,843 gallon Fixed Roof Storage Tank (Reference No. T-30)  EQPT47 22,843 gallon Fixed Roof Storage Tank (Reference No. T-31)  EQPT48 22,843 gallon Fixed Roof Storage Tank (Reference No. T-32)  EQPT49 22,843 gallon Fixed Roof Storage Tank (Reference No. T-33)  EQPT49 22,843 gallon Fixed Roof Storage Tank (Reference No. T-33)  EQPT51 33,841 gallon Fixed Roof Storage Tank (Reference No. T-34)  EQPT52 33,841 gallon Fixed Roof Storage Tank (Reference No. T-35)  EQPT56 28,785 gallon Fixed Roof Storage Tank (Reference No. T-20)  EQPT57 28,785 gallon Fixed Roof Storage Tank (Reference No. T-21)
GRPT7	RICE MACT Requirements	EQPT21 341 hp Diesel Emergency Fire Water Pump Engine EQPT118 435 hp Cummins Emergency Diesel Generator

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**KEY** 

ACT = Activity AI = Agency Interest

AREA = Area CAFO = Concentrated Animal Feeding Operation

CONT = Control Device EQPT = Equipment

IA = Insignificant Activity IMPD = Impoundment

MAFO = Animal Feeding Operation PCS = PCS

RPNT = Release Point TRMT = Treatment

WDPT = Withdrawal Point

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#### AI0000001934 (1934)Manufacturer of automotive maintenance and car care products.:

#### **Limitation Requirements:**

Condition No.	Parameter	Condition
L-1		The permittee shall limit total facility particulate matter (PM) emissions to no more than 10 tons per year (tpy), volatile organic compound (VOC) emissions to no more than 99 tpy, and hazardous air pollutant (HAP) emissions to no more than 9.9 tpy of any single HAP and no more than 24.9 tpy of total combined HAPs. VOC emissions include those generated from fuel combustion and the aerosol product reclaim unit. The tpy emission rate shall be determined for each consecutive 12-month period. [11 Miss. Admin. Code Pt. 2, R. 2.2.B.(10)]

### **Record-Keeping Requirements:**

Condition No.	Condition
R-1	For each storage tank, the permittee shall keep readily accessible records documenting the material stored, the monthly throughput of each material stored, and the maximum true vapor pressure of each material stored.  The permittee shall keep readily accessible records documenting any changes in equipment or operation that may resultin an increase or change in the type of emissions. These records shall be kept on-site for a period of five (5) years following the date of such records and be made available for review upon request from MDEQ personnel. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)]
R-2	The permittee shall maintian readily accessible records demonstrating compliance with the PM, VOC, and HAP emission limitations including, but not limited to, monitoring and recording of the total PM emission rate, total VOC emission rate, the emission rate of each individual HAP, and the total HAP emission rate in tpy for each consecutive 12-month period. (NOTE: The total VOC emission rate, the emission rate of each HAP, and the total HAP emission rate is determined on a 12-month rolling basis with a new tpy emission rate calculated at the end of each calender month.)  The permittee shall maintain, on-site, copies of all records, reports, data and calculations used to determine PM, VOC, and HAP emissions for a period of five (5) years following the date of such records and shall make them available upon request from MDEQ personnel. [11 Miss. Admin. Code Pt. 2, R. 2.2.B.(10)]

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#### AI0000001934 (1934)Manufacturer of automotive maintenance and car care products.:

#### **Submittal/Action Requirements:**

Condition No.	Condition
S-1	General Condition: Except as otherwise specified herein, the permittee shall report all deviations from permit requirements, including those attributable to upsets, the probable cause of such deviations, and any corrective actions or preventive measures taken. Said report shall be made within five (5) working days of the time the deviation began. [11 Miss. Admin.Code Pt. 2, R.2.2.B(10).]
S-2	Except as otherwise specified herein, the permittee shall Submit a certified annual synthetic minor monitoring report: Due annually, by the 31st of January for preceding calendar year. This report shall address any required monitoring specified in the permit. [11 Miss. Admin.Code Pt. 2, R.2.2.B(11).]

Condition No.	Condition
T-1	General Condition: Any activities not identified in the application are not authorized by this permit. [Miss. Code Ann. 49-17-29 1.b]
T-2	General Condition: The permittee shall at all times maintain in good working order and operate as efficiently as possible all air pollution control facilities or systems installed or used by the permittee to achieve compliance with the terms and conditions of this permit. [11 Miss. Admin. Code Pt. 2, R. 2.5.A.]
T-3	General Condition: Solids removed in the course of control of air emissions shall be disposed of in a manner such as to prevent the solids from becoming windborne and to prevent the materials from entering state waters without the proper environmental permits. [Miss. Code Ann. 49-17-29 1.a(i and ii)]
T-4	General Condition: Any diversion from or bypass of collection and control facilities is prohibited except as provided for in 11 Miss. Admin. Code Pt.2, R. 1.10, "Air Emission Regulations for the Prevention, Abatement, and Control of Air Contaminants", [11 Miss. Admin.Code Pt. 2, R.1.10.]
T-5	General Condition: Should the Executive Director of the Mississippi Department of Environmental Quality declare an Air Pollution Emergency Episode, the permittee will be required to operate in accordance with the permittee's previously approved Emissions Reduction Schedule. [11 Miss. Admin.Code Pt. 2, R.2.10.]

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#### AI0000001934 (1934)Manufacturer of automotive maintenance and car care products.:

Condition No.	Condition	
T-6	General Condition: The permittee shall allow the Mississippi Department of Environmental Quality Office of Pollution Control and the Mississippi Environmental Quality Permit Board and/or their authorized representatives, upon the presentation of credentials:  (a) To enter upon the permittee's premises where an air emission source is located or in which any records are required to be kept under the terms and conditions of this permit, and  (b) At reasonable times to have access to and copy any records required to be kept under the terms and conditions of this permit; to inspect any monitoring equipment or monitoring method required in this permit; and to sample any air emission. [Miss. Code Ann. 49-17-21]	
T-7	General Condition: After notice and opportunity for a hearing, this permit may be modified, suspended, or revoked in whole or in part during its term for cause including, but not limited to: (a) Violation of any terms or conditions of this permit (b) Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts; or (c) A change in any condition that required either a temporary or permanent reduction or elimination of authorized air emissions. [11 Miss. Admin.Code Pt. 2, R. 2.2.C.]	
T-8	General Condition: This permit and/or any part thereof may be modified, revoked, reopened, and reissued, or terminated for cause. Sufficient cause for this permit to be reopened shall exist when an air emissions stationary source becomes subject to Title V. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any condition of the permit. [11 Miss. Admin.Code Pt. 2, R.2.2.B(15)(b).]	
T-9	General Condition: Except for data determined to be confidential under the Mississippi Air & Water Pollution Control Law, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the offices of the Mississippi Department of Environmental Quality Office of Pollution Control. [Miss. Code Ann. 49-17-39]	
T-10	General Condition: The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State, or local laws or regulations. [11 Miss. Admin.Code Pt. 2, R. 2.2.B(15)(c).]	
T-11	General Condition: Nothing herein contained shall be construed as releasing the permittee from any liability for damage to persons or property by reason of the installation, maintenance, or operation of the air cleaning facility, or from compliance with the applicable statutes of the State, or with local laws, regulations, or ordinances. [11 Miss. Admin.Code Pt. 2, R. 2.2.B(7).]	

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#### AI0000001934 (1934)Manufacturer of automotive maintenance and car care products.:

Condition No.	Condition
T-12	General Condition: This permit may only be transferred upon approval of the Mississippi Environmental Quality Permit Board. [11 Miss. Admin. Code Pt. 2, R. 2.16.B.]
T-13	General Condition: This permit is for air pollution control purposes only. [11 Miss. Admin.Code Pt. 2, R. 2.1.D(1).]
T-14	General Condition: This permit is a Federally-approved permit to operate a synthetic minor source as described in 11 Miss. Admin. Code Pt. 2, R. 2.4.D [11 Miss. Admin.Code Pt. 2, R. 2.4.D.]
T-15	General Condition: The provisions of this permit are severable. If any provision of this permit, or the application of any provision of this permit to any circumstances, is challenged or held invalid, the validity of the remaining permit provisions and/or portions thereof or their application to other persons or sets of circumstances, shall not be affected thereby. [11 Miss. Admin.Code Pt. 2, R. 2.1.D(7).]
T-16	General Condition: The permittee shall furnish to MDEQ within a reasonable time any information MDEQ may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to MDEQ copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee shall furnish such records to MDEQ along with a claim of confidentiality. [11 Miss. Admin.Code Pt. 2, R. 2.2.B(15)(d).]

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#### AI0000001934 (1934)Manufacturer of automotive maintenance and car care products.:

Condition	
No.	Condition
T-17	General Condition: This permit does not authorize a modification as defined in 11 Miss. Admin. Code Pt. 2, Ch. 2 "Permit Regulations for the Construction and/or Operation of Air Emissions Equipment". Modification is defined as "Any physical change in or change in the method of operation of a facility which increases actual emissions or potential uncontrolled emissions of any air pollutant subject to regulation under the Federal Act emitted into the atmosphere by that facility or which results in the emission of any air pollutant subject to regulation under the Federal Act into the atmosphere not previously emitted. A physical change or change in the method of operation shall not include:  (a) routine maintenance, repair, and replacement;  (b) use of an alternative fuel or raw material by reason of an order under Sections 2(a) and (b) of the Federal Energy Supply and Environmental Coordination Act of 1974 (or any superseding legislation) or by reason of a natural gas curtailment plan pursuant to the Federal Power Act;  (c) use of an alternative fuel by reason of an order or rule under Section 125 of the Federal Act;  (d) use of an alternative fuel or raw material by a stationary source which: (i) the source was capable of accommodating before January 6, 1975, unless such change
	would be prohibited under any federally enforceable permit condition which was established after January 6, 1975, pursuant to 40 CFR 52.21 or under regulations approved pursuant to 40 CFR 51.166; or (ii) the source is approved to use under any permit issued under 40 CFR 52.51 or under regulations approved pursuant to 40 CFR 51.166;
	(e) an increase in the hours of operation or in the production rate unless such change would be prohibited under any federally enforceable permit condition which was established after January 6, 1975, pursuant to 40 CFR 52.51, or under regulations approved pursuant to Subpart I or 40 CFR 51.166; or (f) any change in ownership of the stationary source" [11 Miss. Admin.Code Pt. 2, R. 2.1.D(2).]
T-18	General Condition: It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit unless halting or reducing activity would create an imminent and substantial endangerment threatening the public health and safety of the lives and property of the people of this state. [11 Miss. Admin.Code Pt. 2, R.2.2.B(15)(a).]
T-19	General Condition: The permittee shall retain all required records, monitoring data, supported information and reports for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records, all original strip-chart recordings or other data for continuous monitoring instrumentation, and copies of all reports required by this permit. Copies of such records shall be submitted to MDEQ as required by Applicable Rules and Regulations or this permit upon request. [11 Miss. Admin.Code Pt. 2, R.2.9.]
T-20	General Condition: The knowing submittal of a permit application with false information may serve as the basis for the Permit Board to void the permit issued pursuant thereto or subject the applicant to penalties for constructing or operating without a valid permit. [11 Miss. Admin.Code Pt. 2, R.2.2.B(5).]

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#### AI0000001934 (1934) Manufacturer of automotive maintenance and car care products.:

#### **Narrative Requirements:**

Condition No.	Condition
T-21	General Condition: Emergencies  (a) Except as otherwise specified herein, an emergency means any situation arising from sudden and reasonably unforseeable events beyond the control of the source, including acts of God, which situation requires immediate corrective action to restore normal operation, and that causes the source to exceed a technology-based emission limitation under the permit, due to unavoidable increases in emissions attributable to the emergency. An emergency shall not include noncompliance to the extent caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error.  (b) An emergency constitutes an affirmative defense to an action brought for noncompliance with such technology-based emission limitations if the conditions specified in (c) following are met.  (c) The affirmative defense of emergency shall be demonstrated through properly signed contemporaneous operating logs, or other relevant evidence as follows: (i) an emergency occurred and that the permittee can identify the cause(s) of the emergency; (ii) the permitted facility was at the time being properly operated; (iii) during the period of the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and (iv) the permittee submitted notice of the emergency to MDEQ within two (2) working days of the time when emission limitations were exceeded due to the emergency which contained a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.  (d) In any enforcement proceeding, the permittee seeking to establish the occurrence of any emergency has the burden of proof.  (e) This provision is in addition to any emergency or upset provision contained in any applicable requirement specified elsewhere herein [11 Miss. Admin.Code Pt. 2, R.2.2.B(10).]
T-22	General Condition: Upsets  (a) The occurrence of an upset constitutes an affirmative defense to an enforcement action brought for noncompliance with emission standards or other requirements of Applicable Rules and Regulations or any applicable permit if the permittee demonstrates through properly signed contemporaneous operating logs, or other relevant evidence that include information as follows: (i) an upset occurred and that the permittee can identify the cause(s) of the upset; (ii) the source was at the time being properly operated; (iii) during the upset the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements of Applicable Rules and Regulations or any applicable permit; (iv) the permittee submitted notice of the upset to the DEQ within five (5) working days of the time the upset began which contained a description of the upset, any steps taken to mitigate emissions, and corrective actions taken.

(b) In any enforcement proceeding, the permittee seeking to establish the occurrence of an upset has the burden of proof.

(c) This provision is in addition to any upset provision contained in any applicable requirement. [11 Miss. Admin.Code Pt. 2, R.1.10.]

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#### AI0000001934 (1934)Manufacturer of automotive maintenance and car care products.:

Condition No.	Condition	
T-23	General Condition: Startups and Shutdowns  (a) Startups and shutdowns are part of normal source operation. Emissions limitations applicable to normal operation apply during startups and shutdowns except follows: (i) when sudden, unavoidable breakdowns occur during a startup or shutdown, the event may be classified as an upset subject to the requirements above when a startup or shutdown is infrequent, the duration of excess emissions is brief in each event, and the design of the source is such that the period of excess en cannot be avoided without causing damage to equipment or persons; or (iii) when the emissions standards applicable during a startup or shutdown are defined by requirements of Applicable Rules and Regulations or any applicable permit.  (b) In any enforcement proceeding, the permittee seeking to establish the applicability of any exception during a startup or shutdown has the burden of proof.  (c) In the event this startup and shutdown provision conflicts with another applicable requirement, the more stringent requirement shall apply. [11 Miss. Admin.6 2, R.1.10.]	
T-24	General Condition: Maintenance  (a) Maintenance should be performed during planned shutdown or repair of process equipment such that excess emissions are avoided. Unavoidable maintenance that results in brief periods of excess emissions and that is necessary to prevent or minimize emergency conditions or equipment malfunctions constitutes an affirmative defense to an enforcement action brought for noncompliance with emission standards, or other regulatory requirements if the permittee can demonstrate the following:  (i) the permittee can identify the need for the maintenance; (ii) the source was at the time being properly operated; (iii) during the maintenance the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements of Applicable Rules and Regulations or any applicable permit; (iv) the permittee submitted notice of the maintenance to MDEQ within five (5) working days of the time the maintenance began or such other times as allowed by MDEQ, which contained a description of the maintenance, any steps taken to mitigate emissions, and corrective actions taken.  (b) In any enforcement proceeding, the permittee seeking to establish the applicability of this section has the burden of proof.  (c) In the event this maintenance provision conflicts with another applicable requirement, the more stringent requirement shall apply. [11 Miss. Admin.Code Pt. 2, R.1.10.]	
T-25	General Condition: For renewal of this permit the applicant shall make application not less than one-hundred eighty (180) days prior to the expiration date of the permit substantiated with current emissions data, test results or reports or other data as deemed necessary by the Mississippi Environmental Quality Permit Board. [11 Miss. Admin.Code Pt. 2, R.2.8.]	

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### AREA000000002 (AA-191)Building 4 Packaging lines A through O and Portable Lines. Acid Packaging emissions will be routed to acid scrubber.:

Condition No.	Parameter	Condition
L-1		The permittee shall operate and maintain the acid scrubber when emissions are vented to it. Maintenance shall be performed according to the manufacturer's specifications or other written O&M procedures developed and maintained on-site. The maintenance procedures and a log of all maintenance activity on the scrubber shall be recorded and made available for review by DEQ personnel. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)]

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#### CONT000000001 (AA-194)Dust Collector for Trigger Building Blend Tanks (DC-700):

Condition No.	Parameter	Condition
L-1		The permittee shall operate the dust collector when emissions may be vented to it. Maintenance shall be performed according to the manufacturer's specifications or other written O&M procedures developed and maintained on-site. The maintenance procedures and a log of all maintenance activity on the dust collector shall be recorded and made available for review by DEQ personnel. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)]

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#### CONT0000000002 (AA-195)Dust Collector for Building 4 Blend Tanks (DC-702):

Conditio		
No.	Parameter	Condition
L-1		The permittee shall operate the dust collector when emissions may be vented to it. Maintenance shall be performed according to the manufacturer's specifications or other written O&M procedures developed and maintained on-site. The maintenance procedures and a log of all maintenance activity on the dust collector shall be recorded and made available for review by DEQ personnel. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)]

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#### GRPT0000000004 (AB-000)Fuel Burning Equipment:

Condition	D		
No.	Parameter	Condition	
L-1		The maximum opacity from any point source or emissions at any time shall not exceed 40% as determined by EPA Test Method 9, 40 CFR 60, Appendix A. [11 Miss. Admin. Code Pt. 2, R. 1.3.8.B.]	
L-2		The maximum permissible emission of ash and/or particulate matter from each fossil fuel burning installations of less than 10 million BTU per hour heat input shall not exceed 0.6 pounds per million BTU per hour heat input. [11 Miss. admin. Code Pt. 2, R. 1.3.D(1)(a).]	
L-3		The maximum discharge of sulfur oxides from each fuel burning installation in which the fuel is burned primarily to produce heat or power by indirect heat transfer shall not exceed 4.8 pounds (measured as sulfur dioxide) per million BTU heat input. [11 Miss. Admin. Code Pt. 2, R. 1.4.A(1).]	
L-4		The permittee shall only burn natural gas. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)]	

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#### GRPT0000000006 (AA-200)NSPS Subpart Kb Tanks:

### **Limitation Requirements:**

Condition No.	n Parameter	Condition
L-1	Turancei	Each storage vessel with a capacity greater than or equal to 75 cubic meters (19,813 gallons) that is used to store volatile organic liquids (VOL) for which contruction, reconstruction, or modification commenced after July 23, 1984, is subject to and shall comply with the New Source Performance Standards (NSPS), as described in 40 CFR 60, Subpart Kb Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for which Contruction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b(a)]
L-2		40 CFR 60, Subpart Kb does not apply to storage vessels with a capacity greater than or equal to 151 cubic meters (39,890 gallons) storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa) (0.508 psia) or with a capacity greater than or equal to 75 cubic meters (19,813 gallon) but less than 151 cubic meters (39,890 gallons) storing a liquid with a maximum true vapor pressure less than 15 kPa (2.2 psia). [40 CFR 60.110b(b)]
L-3		The permittee may store a Volatile Liquid (VOL), as defined in 40 CFR 60, Subpart Kb, Section 60.111b, and/or Hazardous Air Pollutant (which has been listed pursuant to Section 112(b) of the Federal Act) with a maximum true vapor pressure less than 27.6 kPa (4.0 psia) and the changes are not modifications under any State or Federal standard. [Other]

# **Record-Keeping Requirements:**

Condition No.	Condition
R-1	The permittee shall keep readily accessible records showing the dimension of the storage vessels and an analysis showing the capacity of the storage vessels. These records shall be kept for the life of the source. [40 CFR 60.116b(a)]
R-2	For each storage tank, the permittee shall keep readily acessible records documenting the material stored, the monthly throughput of each material, and the maximum true vapor pressure of each material.  The permittee shall keep readily accessible records documenting any changes in equipment or operation that may result in an increase or change in the type of emissions. [40 CFR 60.116b(b)]
R-3	Rrecords shall be kept on-site for a period of five (5) years following the date of such records and be made available for review upon request from MDEQ personnel. [40 CFR 60.116b(b)]

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GRPT0000000006 (AA-200)NSPS Subpart Kb Tanks:

**Record-Keeping Requirements:** 

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#### **GRPT000000007 (AF-000)RICE MACT Requirements:**

Condition		Candition
No.	Parameter	Condition
L-1		The permittee is subject to and shall comply with National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines and General Provisions (40 CFR 63, Subparts ZZZZ and A). [40 CFR 63.6585]
L-2		The permittee shall:
		(a) change oil and filter every 500 hours of operation or annually, whichever comes first,
		(b) inspect air cleaner every 1,000 hours of operation or annually, whichever comes first, and
		(c) inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary. [40 CFR 63.6603(Table 2d)]
L-3		The permittee shall operate and maintain the emergency stationary RICE and after-treatment control device (if any) according to the manufacturer's emission-related written instructions or develop their own maintenance plan which must provide to the exten practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions. [40 CFR 63.6625(e)]
L-4		The permittee shall install a non-resettable hour meter if one is not already installed. [40 CFR 63.6625(f)]
L-5		The permittee shall minimize the engine's time spent at idle during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes, after which time the emission standards applicable to all times other than startup in Tables 1a, 2a, 2c, and 2d to the subpart apply. [40 CFR 63.6625(h)]

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#### **GRPT000000007 (AF-000)RICE MACT Requirements:**

#### **Limitation Requirements:**

Condition				
No.	Parameter	Condition		
L-6		The permittee shall operate the emergency stationary RICE in accordance with the following requirements:		
		(a) There is no time limit on the use of the emergency stationary RICE in emergency situations		
		(b) The emergency stationary RICE may be operated for the purpose of maintenance checks and readiness testing, provided that the tests are recommended by Federal, State, or local government, the manufacturer, the vendor, or the insurance company associated with the engine. Maintenance checks and readiness testing of such units is limited to 100 hours per year. The permittee may petition the Administrator for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if the permittee maintains records indicating that Federal, State, or local standards require maintenance and testing of emergency RICE beyond 100 hours per year.		
		(c) The emergency stationary RICE may be operated up to 50 hours per year in non-emergency situations, but those 50 hours are counted towards the 100 hours per year provided for maintenance and testing.  Any operation other than emergency operation, maintenance and testing, and operation in non-emergency situations for 50 hours		

requirements for non-emergency engines. [40 CFR 63.6640(f)]

per year, as described in the conditions of this requirement, is prohibited. If the engine is not operated according to conditions (a) -(c) in this requirement, the engine will not be considered an emergency engine under the subpart and will need to meet all

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### **GRPT000000007 (AF-000)RICE MACT Requirements:**

### **Monitoring Requirements:**

Condition				
No.	Parameter	Condition		
M-1		For compliance with emission and operating limits, the permittee shall monitor and collect data according to the following:		
		(a) Except for monitor malfunctions, associated repairs, required performance evaluations, and required quality assurance or control activities, the permittee shall monitor continuously at all times that the stationary RICE is operating. A monitoring malfunction is any sudden, infrequent, not reasonably preventable failure of the monitoring to provide valid data. Monitoring failures that are caused in part by poor maintenance or careless operation are not malfunctions.		
		(b) The permittee may not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities in data averages and calculations used to report emission or operating levels. The permittee must, however, use all the valid data collected during all other periods. [40 CFR 63.6635]		

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#### **GRPT000000007 (AF-000)RICE MACT Requirements:**

# **Record-Keeping Requirements:**

Condition No.	Condition		
R-1	The permittee shall keep the following records:		
	(a) A copy of each notification and report that you submitted to comply with this subpart, including all documentation supporting any Initial Notification or Notification of Compliance Status that you submitted, according to the requirement in $\S63.10(b)(2)(xiv)$		
	(b) Records of the occurrence and duration of each malfunction of operation (i.e., process equipment) or the air pollution control and monitoring equipment		
	(c) Records of performance tests and performance evaluations as required in §63.10(b)(2)(viii)		
	(d) Records of all required maintenance performed on the air pollution control and monitoring equipment		
	(e) Records of actions taken during periods of malfunction to minimize emissions in accordance with §63.6605(b), including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation. [40 CFR 63.6655(a)]		
R-2	The permittee shall operate and maintain the emergency stationary RICE according to the manufacturer's emission-related operation and maintenance instructions; or develop and follow their own maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in manner consistent wit good air pollution control practice for minimizing emissions. [40 CFR 63.6655(d)]		
R-3	The permittee shall keep records of the maintenance conducted on the emergency stationary RICE in order to demonstrate that the permittee operated and maintained the stationary RICE and after-treatment control device (if any) according to your the permittee's maintenance plan. [40 CFR 63.6655(e)]		
R-4	ermittee shall keep records of the hours of operation of the engine that is recorded through the non-resettable hour meter. The permittee shall document how many are spent for emergency operation, including what classified the operation as emergency and how many hours are spent for non-emergency operation. If the es are used for demand response operation, the permittee shall keep records of the notification of the emergency situation, and the time the engine was operated a f demand response. [40 CFR 63.6655(f)]		

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#### **GRPT000000007 (AF-000)RICE MACT Requirements:**

# **Submittal/Action Requirements:**

Condition No.	Condition		
S-1	The permittee shall report each instance in which the operating limit in Table 2d of the subpart was not met. These instances are deviations from the emission and operating limitations of the subpart. These deviations must be reported according to the requirements in 40 CFR 63.6550. [40 CFR 63.6640(b)]		
S-2	The permittee shall submit an annual compliance report covering the annual reporting period from January 1 through December 31. The first compliance report shall postmarked or delivered no later than January 31 following the end of the first calendar year after the compliance date, and each subsequent report shall be postmark or delivered no later than January 31. [40 CFR 63.6650(a)]		
S-3	The Compliance report shall contain the following information:		
	(a) Company name and address.		
	(b) Statement by a responsible official, with that official's name, title, and signature, certifying the accuracy of the content of the report.		
	(c) Date of report and beginning and ending dates of the reporting period.		
	(d) If you had a malfunction during the reporting period, the compliance report must include the number, duration, and a brief description for each type of malfunction which occurred during the reporting period and which caused or may have caused any applicable emission limitation to be exceeded. The report must also include a description of actions taken by the permittee during a malfunction of an affected source to minimize emissions in accordance with §63.6605(b), including actions take to correct a malfunction.		
	(e) The total operating time of the stationary RICE at which the deviation occurred during the reporting period.		
	(f) Information on the number, duration, and cause of deviations (including unknown cause, if applicable), as applicable, and the corrective action taken. [40 CFR 63.6650(c)]		

### **GENERAL INFORMATION**

Niteo Products LLC 720 Vaiden Drive Hernando, MS Desoto County

**Alternate/Historic Identifiers** 

# **GENERAL INFORMATION**

ID	Alternate/Historic Name	User Group	Start Date	End Date
1934	Niteo Products, LLC	Official Site Name	07/23/2015	
2803300027	Niteo Products, LLC	Air-AIRS AFS	03/26/1996	
MSD982770547	Valvoline Company, Pyroil Facility	Hazardous Waste-EPA ID	11/24/1999	03/02/2004
068000027	Valvoline Company, Pyroil Facility	Air-Construction	09/22/1997	09/22/1997
068000027	Valvoline Company, Pyroil Facility	Air-State Operating	09/22/1997	09/01/1998
068000027	Valvoline Company, Pyroil Facility	Air-Construction	02/26/1998	
068000027	Valvoline Company, Pyroil Facility	Air-State Operating	02/26/1998	09/01/1998
068000027	Valvoline Company, Pyroil Facility	Air-State Operating	03/26/1996	09/01/1998
068000027	Valvoline Company, Pyroil Facility	Air-Construction	02/11/1997	
068000027	Valvoline Company, Pyroil Facility	Air-State Operating	02/11/1997	09/01/1998
068000027	Valvoline Company, Pyroil Facility	Air-Construction	03/26/1996	
068000027	Valvoline Company, Pyroil Facility	Air-Construction	03/13/2000	03/13/2000
MSR000368	Macs Oil Company, Pyroil Facility	GP-Baseline	09/14/1992	09/07/1994
MSR110137	Macs Oil Company, Pyroil Facility	GP-Sara Title III	09/07/1994	06/06/2001
1934	Valvoline Company, The	Historic Site Name	09/07/1994	03/26/1996
1934	Mac's Oil Company	Historic Site Name	09/14/1992	09/07/1994
MSR110137	Valvoline Company, The	GP-Baseline	06/06/2001	02/24/2004
MSR110137	The Valvoline Company, Division of Ashland Inc.	GP-Baseline	02/24/2004	02/15/2006
MSD982770547	Valvoline Company, The, Division of Ashland Inc	Hazardous Waste-EPA ID	03/02/2004	
068000027	Valvoline Car Care Products, The Valvoline Company, A Division of Ashland Inc	Air-Synthetic Minor Operating	01/07/2005	12/31/2009
MSR110137	The Valvoline Company- Division of Ashland Inc.	GP-Baseline	02/15/2006	12/14/2010
1934 001	Mac's Flash Pyroil	GARD	06/01/1992	
068000027	Valvoline Company, The, Division of Ashland Inc	Air-Synthetic Minor Operating	01/19/2010	11/05/2014
MSR110137	Valvoline Company, The, Division of Ashland Inc	GP-Baseline	12/14/2010	08/04/2015
068000027	Valvoline Company, The, Division of Ashland Inc	Air-Synthetic Minor Operating	11/05/2014	08/04/2015
1934	Valvoline Company, The, Division of Ashland Oil, Inc.	Historic Site Name	03/26/1996	07/23/2015
MSR110137	Niteo Products, LLC	GP-Baseline	08/04/2015	09/28/2015
068000027	Niteo Products LLC	Air-Synthetic Minor Operating	08/04/2015	10/31/2019

**Basin:** Yazoo River Basin

# **GENERAL INFORMATION**

**Location Description:** PG- Plant Entrance (General). Data collected by Nancy Moore on 10/28/2005. Elevation 458 feet.