OhioEPA
State of Ohio Environmental Protection Agency

P.O. Box 1049, 1800 WaterMark Dr.
Columbus, Ohio 43266-0149
(614) 644-3020 **Fax** (614) 644-2329

Richard F. Celeste
Governor

NOVEMBER 15, 1990 CERTIFIED MAIL

Re: Modification to Permit to Operate
Application No. 1576171157 P901

Northstar Asphalt Inc.
P.O. Box 499
Dalton, OH 44618

Attention: Howard J. Wenger

Dear Sir:

Enclosed please find an order modifying the permits to operate, or variance to operate, identified therein.

You are hereby notified that this action of the Director is final and may be appealed to the Environmental Board of Review pursuant to Section 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. It must be filed with the Environmental Board of Review within thirty (30) days after notice of the Director's action. A copy of the appeal must be served on the Director of the Ohio Environmental Protection Agency and the Environmental Law Division of the Office of the Attorney General within three (3) days of filing with the Board. An appeal may be filed with the Environmental Board of Review at the following address: Environmental Board of Review, 236 East Town Street, Room 300, Columbus, OH 43215.

If you have any questions regarding this action, please contact the agency to which you submitted your original application.

Very truly yours,

Thomas G. Rigo

Thomas G. Rigo, Manager
Field Operations Section
Division of Air Pollution Control

Enclosure

cc: Canton City Health Dept., DAPC

RECEIVED
NOV 26 1990
CANTON CITY HEALTH DEPT.
AIR POLLUTION DIVISION

Issuance Date: November 15, 1990

Effective Date: November 15, 1990

OHIO ENVIRONMENTAL PROTECTION AGENCY

MODIFICATION TO PERMIT TO OPERATE

Company Name:	Northstar Asphalt Inc.
Company Address:	7345 Sunset Strip North Canton, OH
Description of Equipment:	Asphalt Drum Mix Plant W/BH Nonappendix A Area
Equipment ID:	762 CMI Asphalt
Application Number:	1576171157 P901

Whereas, the source owner has been issued a Permit to Operate indicated above by the Ohio Environmental Protection Agency, hereafter referred to as the Agency,

Whereas, the Agency has determined that the special terms and conditions to the aforementioned Permit to Operate should be modified,

Therefore, the above-referenced Permit to Operate is hereby modified to include the modified special terms and conditions attached to this order.

Reasons for modification:

Terms and Conditions were revised to show that NSPS Requirements apply to this source.

Richard L. Shank

Director

Ohio Environmental Protection Agency
P.O. Box 1049
1800 Watermark Drive
Columbus, OH 43266-0149

APPLICATION NUMBER: 15 76 17 1157 P901

FACILITY NAME: Northstar Asphalt Inc.

EQUIPMENT DESCRIPTION: Asphalt Drum Mix Plant W/BH Nonappendix A Area

COMPANY ID: 762 CMI Asphalt

SPECIAL TERMS AND CONDITIONS

1. Specific equipment which comprise this source are listed in the following table along with the applicable rules of the Ohio Administrative Code (OAC):

	Equipment	Type of Emissions	Applicable Rules
(a)	rotary dryer, hot aggregate elevator, vibrating screens, and weigh hopper	process (stack)	NSPS (40 CFR, Part 60 subpart I) 3745-17-07 best available technology (pursuant to OAC rule 3745-31-05)
(b)	aggregate storage bins and cold aggregate elevator	fugitive	best available technology 3745-17-08

(This condition in no way limits the applicability of other requirements of the OAC to this source.)

2. The allowable mass emission limitation and control requirements for the equipment identified above are specified in the following table:

	Equipment	Allowable Mass Emission Limitation and Control Requirements
(a)	rotary dryer, hot aggregate elevator, vibrating screens, and weigh hopper	.04 grains/dry standard cubic foot of exhaust gases less than 20% opacity from stack no visible emissions of fugitive dust from the enclosures for the hot aggregate elevator, vibrating screens and weigh hopper
(b)	aggregate storage bins	the drop height of the front end loader bucket shall be minimized to the extent possible in order to minimize or eliminate visible emissions of fugitive dust from the elevator loading area

(c)	cold aggregate elevator	the aggregate loaded into the storage bins shall have a moisture content sufficient to eliminate the visible emissions of fugitive dust from the elevator and the transfer point to the dryer

3. Within six months prior to the expiration of this permit, this facility shall conduct, or have conducted, an emission test for this source in order to demonstrate compliance with the allowable mass emission rate for particulates. The test shall be conducted in accordance with the test methods and procedures specified in OAC Rule 3745-17-03 while the source is operating at or near maximum capacity and using only "virgin" materials.

   Not later than 30 days prior to the proposed test date(s), this facility shall submit an "Intent to Test" notification. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the source operating parameters, the time(s) and date(s) of the test, and the person(s) who will be conducting the test. Failure to submit such notification for review and approval prior to the test may result in the field office's refusal to accept the results of the emission test.

   Personnel from the Canton Health Department, Air Pollution Control Division shall be permitted to witness the test, examine the testing equipment and acquire data and information regarding the source operating parameters.

   A comprehensive written report on the results of the emission test shall be submitted within 30 days following completion of the test.

4. All recycled, used oil burned in this source shall meet the following specifications:

Contaminant/Property	Allowable Specification
arsenic	5 ppm, maximum
cadmium	2 ppm, maximum
chromium	10 ppm, maximum
lead	100 ppm, maximum
PCB's	50 ppm, maximum
total halogens	4000 ppm, maximum
mercury	1 ppm, maximum
flash point	100°F, minimum
heat content	135,000 BTU/gal, minimum

5. Used oil containing more than 1000 ppm total halogens is presumed to be a hazardous waste under the rebuttable presumption provided under 40 CFR 266.40(c) and OAC rule 3745-58-50. Therefore, this facility may receive and burn used oil exceeding 1000 ppm of total halogens (but less than 4000 ppm, maximum) only if the supplier ["marketer" in 40 CFR 266.43(a)] has demonstrated to the Ohio EPA's Division of Solid and Hazardous Waste Management that the used oil does not contain any hazardous waste.

6. This facility shall receive a chemical analysis with each shipment of used oil from the supplier. The analysis shall identify the name and address of the supplier, the supplier's USEPA identification number, and the following information:

   (a) date of shipment or delivery,
   (b) quantity of used oil received,
   (c) the BTU value of the used oil,
   (d) the flash point of the used oil,
   (e) the arsenic content,
   (f) the cadmium content,
   (g) the chromium content,
   (h) the lead content,
   (i) the PCB content,
   (j) the total halogen content, and
   (k) the mercury content.

   Each analysis shall be kept for a minimum of three (3) years and shall be made available to the Director or any authorized representative of the Director for review during normal business hours.

7. The Director or any authorized representative of the Director may require or may conduct periodic, detailed chemical analyses through an independent laboratory of any used oil shipment received by this facility, of any used oil stored at this facility, or of any used oil sampled at the process employing the used oil as fuel.

8. This facility shall not receive or burn any used oil which does not meet the specifications of special term and condition No. 4 without first obtaining a permit to install that authorizes the burning of such used oil.

9. The baghouse exhaust stack shall be visually checked on a daily basis for excess emissions by plant personnel certified as visible emission readers per Method 9. These readings shall be conducted for a minimum of 15 minutes a day. If excess emissions are noted, the condition causing these emissions must be corrected. The rules for reporting malfunctions of equipment found in Ohio Administrative Code (OAC) 3745-15-06 shall be complied with.

10. This facility shall only burn the following types of fuels in this source:

    (a) natural gas,
    (b) No. 4 or lighter fuel oil, or
    (c) specification used oil.

11. In accordance with Ohio Administrative Code (OAC) Rule 3745-31-05(A)(2), this facility shall comply with all applicable laws as defined in OAC Rule 3745-31-01(F). Therefore, the air permit to operate cannot exempt Northstar Asphalt Inc. from any current or future regulations regarding the disposal or recycling of used oil.

PREPARED BY: DANIEL J. SCHILTZ
DATE PREPARED: 9/28/90