

New York State Department of Environmental Conservation

Permit Review Report

Permit ID: 9-1402-00565/00175 Modification Number: 2



09/14/2004

Facility Identification Data

Name: GENERAL MILLS OPERATIONS INC
Address: 54 SOUTH MICHIGAN AVENUE
BUFFALO, NY 14203

Owner/Firm

Name: GENERAL MILLS INC
Address: PO BOX 113
MINNEAPOLIS, MN 55440-1113, USA
Owner Classification: Corporation/Partnership

Permit Contacts

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Permit Description

Introduction

The Title V operating air permit is intended to be a document containing only enforceable terms and conditions as well as any additional information, such as the identification of emission units, emission points, emission sources and processes, that makes the terms meaningful. 40 CFR Part 70.7(a)(5) requires that each Title V permit have an accompanying "...statement that sets forth the legal and factual basis for the draft permit conditions". The purpose for this permit review report is to satisfy the above requirement by providing pertinent details regarding the permit/application data and permit conditions in a more easily understandable format. This report will also include background narrative and explanations of regulatory decisions made by the reviewer. It should be emphasized that this permit review report, while based on information contained in the permit, is a separate document and is not itself an enforceable term and condition of the permit.

Summary Description of Proposed Project

Modification:

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General Mills operates a grain storage elevator described under 40CFR60, Subpart DD, Standards of Performance for Grain Elevators. Wheat is supplied to the 4 million bushel (permanent storage capacity) grain elevator via truck, railcar and a ship unloading stations. Until now, General Mill's has not been subject to the requirements of Subpart DD because modifications (described under 40CFR60, Subpart A) had not been made to any of the grain elevator operations since the regulation applicability date of 8/3/1978. Due to changes made at the ship unloading terminal, the ship unloading station became an "affected facility" under 40CFR60, Subpart DD.

Previously, General Mills received grain from a ship via a bucket elevator (Process 061), which utilized a particulate emission control device (Emission Source Control GC61G) in compliance with 6NYCRR212.4(c). This modification consists of a change in grain unloading operations, which includes a self unloading ship (conveyor belt) and the addition of a receiving hopper to the grain storage elevator. Grain handling operations and processes associated with this modification are subject to requirements under 40CFR60, Subpart DD, including 0% opacity limits, total enclosure of the unloading leg with a minimum ventilation rate of 32.1 actual cubic meters per cubic meter of grain handling capacity and a particulate limit of 0.01 gr/dscf. Particulate control will be accomplished by the relocation of ES GC61G to the vicinity of the ship unloading station. The ship unloading operations, described by Process 061, are contained in Emission Unit U-0000G.

Operational Flexibility Changes:

- 1) During March of 2004, via their Operational Flexibility Plan, General Mills shutdown and removed the deteriorated dust collector associated with Emission Point 0033G (MICRO PULSE IF2-24), contained in Emission Unit U-0000G. Since the control equipment at EP 0065G (KICE M288-6) was relatively new (installed 12/97) and EP 0065G and ESC GC65G were no longer being used due to the change in grain ship unloading operations, exhaust from Process G33 was rerouted to EP 0065G. Permit information for EP 0065G including emission source control, was transferred to EP 0033G and ESC GC33G, respectively.
- 2) Due to the modifications made to EP 0033G, this emission point was no longer subject to the 0.15 grain/dscf limit specified under 6NYCRR212.3(b). EP 0033G will now be subject to the requirements of 6NYCRR212.4(c), which limits particulate concentration emitted to the outdoor atmosphere to 0.05 grains/dscf. Monitoring Conditions under these requirements were modified to reflect this change.
- 3) Since the second marine leg (Process G65) was no longer used to unload grain ships at General Mills, Emission Point 0065G, Process G65, Emission Source GP65G and Emission Source Control GC65G were removed from the title V permit (removal date 3/31/04) as part of this modification.

Administrative Changes:

- 1) The federally applicable requirements under 6NYCRR201-6.5(e), and 40CFR68 were expired and replaced with updated versions.
- 2) All capping requirements in the permit were placed under 6NYCRR201-7, "Federally Enforceable Emission Caps".

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Attainment Status

GENERAL MILLS OPERATIONS INC is located in the town of BUFFALO in the county of ERIE. The attainment status for this location is provided below. (Areas classified as attainment are those that meet all ambient air quality standards for a designated criteria air pollutant.)

Criteria Pollutant	Attainment Status
Particulate Matter (PM)	ATTAINMENT
Particulate Matter < 10µ in diameter (PM10)	ATTAINMENT
Sulfur Dioxide (SO2)	ATTAINMENT
Ozone*	MARGINAL NON-ATTAINMENT
Oxides of Nitrogen (NOx)**	ATTAINMENT
Carbon Monoxide (CO)	ATTAINMENT

* Ozone is regulated in terms of the emissions of volatile organic compounds (VOC) and/or oxides of nitrogen (NOx) which are ozone precursors.

** NOx has a separate ambient air quality standard in addition to being an ozone precursor

Facility Description

General Mills Operations, Inc. (General Mills) owns and operates a flour processing plant, a cereal processing plant and a cogeneration/boiler house plant located at 54 South Michigan Avenue in Buffalo, New York. Although these three plants are located on adjacent properties, are under common control, and are considered to be one title V facility, they operate somewhat independent of each other. At their request, General Mills was issued three separate Title V permits, one for each plant. This permit is specifically for the Flour Mill Plant which consists of two emission units, U-0000G and U-0PEST. In EU U-0000G grain is received, stored and processed into product which is either used directly by General Mills' adjacent Cereal Facility or sold as flour. The emissions at the flour processing plant are particulates (PM) and particulates with an aerodynamic diameter less than or equal to a nominal 10 micrometers (PM-10). Fugitive hazardous air pollutants (HAPs), predominantly methyl bromide, are also emitted from EU U-0PEST, which consists of pesticide fogging operations at the flour and grain mills.

Permit Structure and Description of Operations

The Title V permit for GENERAL MILLS OPERATIONS INC is structured in terms of the following hierarchy: facility, emission unit, emission point, emission source and process.



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A facility is defined as all emission sources located at one or more adjacent or contiguous properties owned or operated by the same person or persons under common control. The facility is subdivided into one or more emission units (EU). Emission units are defined as any part or activity of a stationary facility that emits or has the potential to emit any federal or state regulated air pollutant. An emission unit is represented as a grouping of processes (defined as any activity involving one or more emission sources (ES) that emits or has the potential to emit any federal or state regulated air pollutant). An emission source is defined as any apparatus, contrivance or machine capable of causing emissions of any air contaminant to the outdoor atmosphere, including any appurtenant exhaust system or air cleaning device. [NOTE: Indirect sources of air contamination as defined in 6 NYCRR Part 203 (i.e. parking lots) are excluded from this definition]. The applicant is required to identify the principal piece of equipment (i.e., emission source) that directly results in or controls the emission of federal or state regulated air pollutants from an activity (i.e., process). Emission sources are categorized by the following types:

- combustion - devices which burn fuel to generate heat, steam or power
- incinerator - devices which burn waste material for disposal
- control - emission control devices
- process - any device or contrivance which may emit air contaminants that is not included in the above categories.

GENERAL MILLS OPERATIONS INC is defined by the following emission unit(s):

Emission unit U0000G - This emission unit consists of multiple emission points in which grain is handled or processed into product that is either used directly by the Cereal Processing Plant or sold as flour or animal feed. Product recovery systems are used and add product back into the system. Exhaust from these systems emit particulates (PM) and particulates with a diameter of 10 micrometers or less (PM-10) into the atmosphere. Emission unit U0000G consists of the following emission points: 0001G, 0002G, 0003G, 0004G, 0005G, 0006G, 0007G, 0008G, 0009G, 0010G, 0011G, 0012G, 0013G, 0014G, 0015G, 0017G, 0033G, 0042G, 0046G, 0048G, 0049G, 0051G, 0052G, 0053G, 0054G, 0055G, 0056G, 0057G, 0058G, 0059G, 0060G, 0061G, 0062G, 0063G, 0064G, 0066G, 0067G and 0068G.

Emission unit U0000G is associated with the following emission points (EP):

0001G, 0002G, 0003G, 0004G, 0005G, 0006G, 0007G, 0008G, 0009G, 0010G, 0011G, 0012G, 0013G, 0014G, 0015G, 0017G, 0033G, 0042G, 0046G, 0048G, 0049G, 0051G, 0052G, 0053G, 0054G, 0055G, 0056G, 0057G, 0058G, 0059G, 0060G, 0061G, 0062G, 0063G, 0064G, 0065G, 0066G, 0067G, 0068G

It is further defined by the following process(es):

Process: G01 is located at 1, Building 63 - Wheat flour is conveyed via suction from the C-1 Mill and the dust is transported to the collector. The dust is returned to the system and the air is exhausted into the atmosphere through the emission point. The filter is part of the process.

Process: G02 is located at 1, Building 63 - Wheat flour is conveyed via suction from the C-1 Mill and the dust is transported to the collector. The dust is returned to the system and the air is exhausted into the atmosphere through the emission point. The filter is part of the process.

Process: G03 is located at 1, Building 63 - Wheat flour processing is drawn through the C-1A filter system, where the particulates are returned to the system and the air is exhausted into the atmosphere

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through the emission point. The filter is part of the process.

Process: G04 is located at 4, Building 63 - Wheat flour is drawn through the C-18 Mill filter. The particulates are returned to the system and the air is exhausted into the atmosphere through the emission point. The filter is part of the process.

Process: G05 is located at 4, Building 63 - Wheat flour processing is drawn through the C-1 Flour Mill filter and the particulates are returned to the process. The air is exhausted into the atmosphere through the emission point. The filter is part of the process.

Process: G06 is located at 4, Building 63 - Wheat flour processing and cyclone discharge is drawn through the C-2 general suction filter system. The particulates are returned to the system and the air is exhausted into the atmosphere. The filter is part of the process.

Process: G07 is located at 1, Building 63 - Wheat flour processing and cyclone discharge is drawn through the C-2 Pre-Break filter system. The particulates are returned to the process and the air is exhausted into the atmosphere through the emission point. The filter is part of the process.

Process: G08 is located at 4, Building 63 - Wheat processing dust is drawn through the C-2A Mill filter collector. The particulates are returned to the system and the air is exhausted into the atmosphere through the emission point. The filter is part of the process.

Process: G09 is located at 4, Building 63 - Wheat flour processing dust is drawn through the C-2B Mill filter system. The particulates are returned to the system and the air is exhausted into the atmosphere through the emission point. The filter is part of the process.

Process: G10 is located at 4, Building 63 - Wheat flour is drawn through the C-2 flour system. The particulates are returned to the system and the air is exhausted into the atmosphere. The filter is part of the process.

Process: G11 is located at 1, Building 63 - Wheat flour processing dust is drawn through the C-3C-4 general suction filter. The dust is returned to the process and the air is exhausted into the atmosphere. The filter is part of the process.

Process: G12 is located at 1, Building 63 - Wheat flour processing dust is drawn through the C-3C-4 Pre-Break filter. The dust is returned to the process and the air is exhausted into the atmosphere. The filter is part of the process.

Process: G13 is located at 4, Building 63 - Wheat flour processing dust is drawn through the C-3 Mill filter. The dust is returned to the system and the air is exhausted into the atmosphere. The filter is part of the process.

Process: G14 is located at 4, Building 63 - Wheat flour processing dust is drawn through the C-4 Mill filter. The dust is returned to the process and the air is exhausted into the atmosphere. The filter is part of the process.

Process: G15 is located at 4, Building 63 - Wheat dust is drawn into the filter. The dust is returned to the process and the air is exhausted into the atmosphere. The filter is part of the process.

Process: G17 is located at 7, Building 2 - This system consists of vacuum collection of sweepings (wheat and flour dust). The dust is collected for disposal and the air is exhausted into the atmosphere through the emission point.

Process: G33 is located at ROOF, Building 9 - Grain dust is drawn through the collector from grain storage bin top area/grain tower head. The dust is disposed and the air is exhausted into the atmosphere. In March 2004, control equipment for this process was replaced with the equipment that was no longer in use at EP 0065G, which previously controlled particulate emissions from the unloading of grain ships. Exhaust from Process 33G was rerouted to EP 0065G.

Process: G42 is located at 1 & 2, Building 24 - Flour is picked up by suction and conveyed to the central collector. The dust is disposed and the air is exhausted into the atmosphere through the emission point.

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Process: G46 is located at 3, Building 63 - Flour dust is picked up by suction and transported to the central collector for disposal. The air is then exhausted into the atmosphere through the emission point.

Process: G48 is located at 1, Building 12 - Wheat dust is drawn into filter to be returned to process. The air is then exhausted into the atmosphere through the emission point.

Process: G49 is located at 4, Building 63 - Dust is drawn into filter to be returned back into the process. The air is then exhausted into the atmosphere through the emission point. The filter is part of the process.

Process: G51 is located at 7, Building 2 - Raw wheat aspiration filter system B. Dust is drawn into the filter and returned to the process. The air is then exhausted into the atmosphere through the emission point. The filter is part of the process.

Process: G52 is located at 4, Building 2 - Dust from the raw wheat aspiration system is drawn into the system C filter. The dust is returned to the process and the air is exhausted into the atmosphere through the emission point. The filter is part of the process.

Process: G53 is located at 8, Building 4 - Dust from the hammer mill aspiration system is drawn into the filter and is returned back to the process. The air is exhausted into the atmosphere through the emission point. The filter is part of the process.

Process: G54 is located at 4, Building 2 - Dust from the heavy bran processing system is drawn into the filter and returned to the process. The air is then exhausted into the atmosphere through the emission point. The filter is part of the process.

Process: G55 is located at 10, Building 9 - Dust from the clean flour aspirator is drawn into the filter and returned to the process. The air is then exhausted into the atmosphere through the emission point. The filter is part of the process.

Process: G56 is located at 4, Building 27 - Dust from the process is drawn into the filter and returned back to the process. The air is then exhausted into the atmosphere through the emission point. The filter is part of the process.

Process: G57 is located at 2, Building 72 - Hesser packer and supply system aspiration dust is drawn into the filter and returned back to the process. The air is then exhausted into the atmosphere through the emission point. The filter is part of the process.

Process: G58 is located at 2, Building 72 - Wheat, flour and dust sweepings are transported to the Hoffman system and disposed of. the air is then exhausted into the atmosphere through the emission point. The filter is part of the process.

Process: G59 is located at 2, Building 72 - Flour dust and air is picked up at various points on the packers (1 and 2) and conveyed to a fabric filter. The dust is recycled into the process and the air is exhausted into the atmosphere through the emission point. The filter is part of the process.

Process: G60 is located at Building 9 - Wheat dust and air is picked up at various points during the grain handling process. This is then conveyed to a fabric filter and the dust is returned to the process. The air is then exhausted into the atmosphere through the emission point.

Process: G61 is located at Outside Bldg 9, Building 9 - During the grain unloading process, wheat dust and air are picked up by the dust collector at various points along the ship's enclosed conveyor. This is sent to a fabric filter, where the dust is returned to the process and the air exhausted into the atmosphere through the emission point.

Process: G62 is located at Building 9 - Wheat, dust and air are picked up at various points during the grain handling process and conveyed to a fabric filter. The dust is returned to the process and the air is exhausted into the atmosphere through the emission point.

Process: G63 is located at Building 9 - Wheat, dust and air are picked up at various points in the grain

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handling process and conveyed to a fabric filter. The dust is returned to the process and the air is exhausted into the atmosphere through the emission point.

Process: G64 is located at Building 9 - Wheat, dust and air are picked up at various points in the grain handling process and conveyed to a fabric filter. The dust is returned to the process and the air is exhausted into the atmosphere through the emission point.

Process: G66 is located at 10, Building 9 - Grain dust from multiple points is drawn into the filter and returned to the process. The air is then exhausted into the atmosphere through the emission point. The filter is part of the process.

Process: G67 is located at 1, Building 20 - Grain dust is drawn into the filter and returned to the process. The air is then exhausted into the atmosphere through the emission point.

Process: G68 is located at Building 27 - Finished product (flour) is pneumatically conveyed to a storage bin, prior to being deposited into bulk containers. The air entering the storage bin is then released to the Kice Dust Collector for cleaning prior to discharging to the ambient atmosphere.

Emission unit U0PEST - This emission unit consists of short term, portable sources of fugitive pesticide emissions generated during the fumigation of grains and flour products at the Flour Plant. The pesticide used and method of application may vary based on specific requirements set by New York State, USEPA, USFDA and other Federal, State and local agencies. Currently, General Mills uses methyl bromide and methyl chloride as a general pest fumigant. Both are presently classified as hazardous air pollutants (HAPs) and as volatile organic compounds (VOCs). Methyl Bromide is also listed as a potential ozone depleting substance.

Title V/Major Source Status

GENERAL MILLS OPERATIONS INC is subject to Title V requirements. This determination is based on the following information:

General Mill's facility-wide potential to emit (PTE) SO₂, PM, PM-10, and methyl bromide (individual HAP) exceeds the major source thresholds listed in 6NYCRR Subpart 201-6, Title V Facility Permits. General Mills chose not to cap their facility-wide PTE for each of these contaminants to less than the applicability thresholds. Therefore, General Mills is considered major for these contaminants and subject to the provisions of Title V. Facility-wide emissions of volatile organic compounds (VOCs) are capped below the 50 tpy major source threshold at 49 tpy to avoid the requirements of 6NYCRR212.10, VOC RACT. Facility-wide emissions of NO_x are capped below the 100 tpy major source threshold at 99 tpy to avoid the requirements of 6NYCRR227-2, NO_x RACT.

Since the facility has the potential to emit greater than 250 tpy of PM and PM-10, it is also considered a major stationary source for 40CFR52.21 - Prevention of deterioration of air quality (PSD). In addition, General Mill's PTE the HAP, methyl bromide, is greater than 10 tpy, which exceeds the major source threshold specified under 40CFR63 for applicable National Emission Standards for Hazardous Air Pollutants (NESHAPs). Unless General Mills limits their PTE methyl bromide to less than 10 tpy, the facility will be required to comply with the requirements of Subpart DDDDD - Industrial, Commercial and Institutional Boilers and Process Heaters and Subpart YYYYY- Combustion Turbines. This will require a major modification of this title V permit prior to the compliance dates designated for each affected source subject to a rule.

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Program Applicability

The following chart summarizes the applicability of GENERAL MILLS OPERATIONS INC with regards to the principal air pollution regulatory programs:

Regulatory Program	Applicability
PSD	NO
NSR (non-attainment)	NO
NESHAP (40 CFR Part 61)	NO
NESHAP (MACT - 40 CFR Part 63)	NO
NSPS	YES
TITLE IV	NO
TITLE V	YES
TITLE VI	NO
RACT	YES
SIP	YES

NOTES:

PSD Prevention of Significant Deterioration (40 CFR 52) - requirements which pertain to major stationary sources located in areas which are in attainment of National Ambient Air Quality Standards (NAAQS) for specified pollutants.

NSR New Source Review (6 NYCRR Part 231) - requirements which pertain to major stationary sources located in areas which are in non-attainment of National Ambient Air Quality Standards (NAAQS) for specified pollutants.

NESHAP National Emission Standards for Hazardous Air Pollutants (40 CFR 61) - contaminant and source specific emission standards established prior to the Clean Air Act Amendments of 1990 (CAAA) which were developed for 9 air contaminants (inorganic arsenic, radon, benzene, vinyl chloride, asbestos, mercury, beryllium, radionuclides, and volatile HAP's)

MACT Maximum Achievable Control Technology (40 CFR 63) - contaminant and source specific emission standards established by the 1990 CAAA. Under Section 112 of the CAAA, the US EPA is required to develop and promulgate emissions standards for new and existing sources. The

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standards are to be based on the best demonstrated control technology and practices in the regulated industry, otherwise known as MACT. The corresponding regulations apply to specific source types and contaminants.

NSPS New Source Performance Standards (40 CFR 60) - standards of performance for specific stationary source categories developed by the US EPA under Section 111 of the CAAA. The standards apply only to those stationary sources which have been constructed or modified after the regulations have been proposed by publication in the Federal Register and only to the specific contaminant(s) listed in the regulation.

Title IV Acid Rain Control Program (40 CFR 72 thru 78) - regulations which mandate the implementation of the acid rain control program for large stationary combustion facilities.

Title VI Stratospheric Ozone Protection (40 CFR 82, Subparts A thru G) - federal requirements that apply to sources which use a minimum quantity of CFC's (chlorofluorocarbons), HCFC's (hydrofluorocarbons) or other ozone depleting substances or regulated substitute substances in equipment such as air conditioners, refrigeration equipment or motor vehicle air conditioners or appliances.

RACT Reasonably Available Control Technology (6 NYCRR Parts 212.10, 226, 227-2, 228, 229, 230, 232, 233, 234, 235, 236) - the lowest emission limit that a specific source is capable of meeting by application of control technology that is reasonably available, considering technological and economic feasibility. RACT is a control strategy used to limit emissions of VOC's and NOx for the purpose of attaining the air quality standard for ozone. The term as it is used in the above table refers to those state air pollution control regulations which specifically regulate VOC and NOx emissions.

SIP State Implementation Plan (40 CFR 52, Subpart HH) - as per the CAAA, all states are empowered and required to devise the specific combination of controls that, when implemented, will bring about attainment of ambient air quality standards established by the federal government and the individual state. This specific combination of measures is referred to as the SIP. The term here refers to those state regulations that are approved to be included in the SIP and thus are considered federally enforceable.

Compliance Status

Facility is in compliance with all requirements

SIC Codes

SIC or Standard Industrial Classification code is an industrial code developed by the federal Office of Management and Budget for use, among other things, in the classification of establishments by the type of activity in which they are engaged. Each operating establishment is assigned an industry code on the basis of its primary activity, which is determined by its principal product or group of products produced or distributed, or services rendered. Larger facilities typically have more than one SIC code.

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SIC Code	Description
2041	FLOUR & OTHER GRAIN MILL PROD

SCC Codes

SCC or Source Classification Code is a code developed and used by the USEPA to categorize processes which result in air emissions for the purpose of assessing emission factor information. Each SCC represents a unique process or function within a source category logically associated with a point of air pollution emissions. Any operation that causes air pollution can be represented by one or more SCC's.

SCC Code	Description
3-02-007-33	FOOD AND AGRICULTURE FOOD AND AGRICULTURE - GRAIN MILLINGS CLEANING HOUSE (WHEAT)
3-02-007-30	FOOD AND AGRICULTURE FOOD AND AGRICULTURE - GRAIN MILLINGS GENERAL **
3-02-007-34	FOOD AND AGRICULTURE FOOD AND AGRICULTURE - GRAIN MILLINGS MILLHOUSE (WHEAT)
3-02-007-32	FOOD AND AGRICULTURE FOOD AND AGRICULTURE - GRAIN MILLINGS PRECLEANING/HANDLING (WHEAT)

Facility Emissions Summary

In the following table, the CAS No. or Chemical Abstract Series code is an identifier assigned to every chemical compound. [NOTE: Certain CAS No.'s contain a 'NY' designation within them. These are not true CAS No.'s but rather an identification which has been developed by the department to identify groups of contaminants which ordinary CAS No.'s do not do. As an example, volatile organic compounds or VOC's are identified collectively by the NY CAS No. 0NY998-00-0.] The PTE refers to the Potential to Emit. This is defined as the maximum capacity of a facility or air contaminant source to emit any air contaminant under its physical and operational design. Any physical or operational limitation on the capacity of the facility or air contamination source to emit any air contaminant, including air pollution control equipment and/or restrictions on the hours of operation, or on the type or amount or material combusted, stored, or processed, shall be treated as part of the design only if the limitation is contained in federally enforceable permit conditions. The PTE Range represents an emission range for a contaminant. Any PTE quantity that is displayed represents a facility-wide emission cap or limitation for that contaminant. If no PTE quantity is displayed, the PTE Range is provided to indicate the approximate magnitude of facility-wide emissions for the specified contaminant in terms of tons per year (tpy). The term 'HAP' refers to any of the hazardous air pollutants listed in section 112(b) of the Clean Air Act Amendments of 1990. Total emissions of all hazardous air pollutants are listed under the special NY CAS No. 0NY100-00-0. In addition, each individual hazardous air pollutant is also listed under its own specific CAS No. and is identified in the list below by the (HAP) designation.

Cas No.	Contaminant Name	PTE
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		lbs/yr	Range
000630-08-0	CARBON MONOXIDE	53563	
000074-83-9	METHYL BROMIDE (HAP)	30000	
000074-87-3	METHYL CHLORIDE (HAP)	2000	
0NY210-00-0	OXIDES OF NITROGEN	183200	
0NY075-00-0	PARTICULATES	1735398	
0NY075-00-5	PM-10		>= 250 tpy
007446-09-5	SULFUR DIOXIDE	334200	
0NY998-00-0	VOC	98000	

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

Item A: Sealing - 6NYCRR Part 200.5

The Commissioner may seal an air contamination source to prevent its operation if compliance with 6 NYCRR Chapter III is not met within the time provided by an order of the Commissioner issued in the case of the violation. Sealing means labeling or tagging a source to notify any person that operation of the source is prohibited, and also includes physical means of preventing the operation of an air contamination source without resulting in destruction of any equipment associated with such source, and includes, but is not limited to, bolting, chaining or wiring shut control panels, apertures or conduits associated with such source.

No person shall operate any air contamination source sealed by the Commissioner in accordance with this section unless a modification has been made which enables such source to comply with all requirements applicable to such modification.

Unless authorized by the Commissioner, no person shall remove or alter any seal affixed to any contamination source in accordance with this section.

Item B: Acceptable Ambient Air Quality - 6NYCRR Part 200.6

Notwithstanding the provisions of 6 NYCRR Chapter III, Subchapter A, no person shall allow or permit any air contamination source to emit air contaminants in quantities which alone or in combination with emissions from other air contamination sources would contravene any applicable ambient air quality standard and/or cause air pollution. In such cases where contravention occurs or may occur, the Commissioner shall specify the degree and/or method of emission control required.

Item C: Maintenance of Equipment - 6NYCRR Part 200.7

Any person who owns or operates an air contamination source which is equipped with an emission control device shall operate such device and

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keep it in a satisfactory state of maintenance and repair in accordance with ordinary and necessary practices, standards and procedures, inclusive of manufacturer's specifications, required to operate such device effectively.

Item D: Unpermitted Emission Sources - 6NYCRR Part 201-1.2

If an existing emission source was subject to the permitting requirements of 6NYCRR Part 201 at the time of construction or modification, and the owner and/or operator failed to apply for a permit for such emission source then the following provisions apply:

- (a) The owner and/or operator must apply for a permit for such emission source or register the facility in accordance with the provisions of Part 201.
- (b) The emission source or facility is subject to all regulations that were applicable to it at the time of construction or modification and any subsequent requirements applicable to existing sources or facilities.

Item E: Emergency Defense - 6NYCRR Part 201-1.5

An emergency constitutes an affirmative defense to an action brought for noncompliance with emissions limitations or permit conditions for all facilities in New York State.

- (a) The affirmative defense of emergency shall be demonstrated through properly signed, contemporaneous operating logs, or other relevant evidence that:
 - (1) An emergency occurred and that the facility owner and/or operator can identify the cause(s) of the emergency;
 - (2) The equipment at the permitted facility causing the emergency was at the time being properly operated;
 - (3) During the period of the emergency the facility owner and/or operator took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and
 - (4) The facility owner and/or operator notified the Department within two working days after the event occurred. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.
- (b) In any enforcement proceeding, the facility owner and/or operator

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seeking to establish the occurrence of an emergency has the burden of proof.

(c) This provision is in addition to any emergency or upset provision contained in any applicable requirement.

Item F: Recycling and Salvage - 6NYCRR Part 201-1.7

Where practical, any person who owns or operates an air contamination source shall recycle or salvage air contaminants collected in an air cleaning device according to the requirements of 6 NYCRR.

Item G: Prohibition of Reintroduction of Collected Contaminants to the Air - 6NYCRR Part 201-1.8

No person shall unnecessarily remove, handle, or cause to be handled, collected air contaminants from an air cleaning device for recycling, salvage or disposal in a manner that would reintroduce them to the outdoor atmosphere.

Item H: Public Access to Recordkeeping for Title V Facilities - 6NYCRR Part 201-1.10(b)

The Department will make available to the public any permit application, compliance plan, permit, and monitoring and compliance certification report pursuant to Section 503(e) of the Act, except for information entitled to confidential treatment pursuant to 6NYCRR Part 616 - Public Access to records and Section 114(c) of the Act.

Item I: Proof of Eligibility for Sources Defined as Exempt Activities - 6 NYCRR Part 201-3.2(a)

The owner and/or operator of an emission source or unit that is eligible to be exempt, may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

Item J: Proof of Eligibility for Sources Defined as Trivial Activities - 6 NYCRR Part 201-3.3(a)

The owner and/or operator of an emission source or unit that is listed as being trivial in 6 NYCRR Part 201 may be required to certify that it operates within the specific criteria described in 6 NYCRR

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Subpart 201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request.

Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

Item K: Timely Application for the Renewal of Title V Permits - 6 NYCRR Part 201-6.3(a)(4)

Owners and/or operators of facilities having an issued Title V permit shall submit a complete application at least 180 days, but not more than eighteen months, prior to the date of permit expiration for permit renewal purposes.

Item L: Certification by a Responsible Official - 6 NYCRR Part 201-6.3(d)(12)

Any application, form, report or compliance certification required to be submitted pursuant to the federally enforceable portions of this permit shall contain a certification of truth, accuracy and completeness by a responsible official. This certification shall state that based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Item M: Requirement to Comply With All Conditions - 6 NYCRR Part 201-6.5(a)(2)

The permittee must comply with all conditions of the Title V facility permit. Any permit non-compliance constitutes a violation of the Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application.

Item N: Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission Requirements - 6 NYCRR Part 201-6.5(a)(3)

This permit may be modified, revoked, reopened and reissued, or terminated for cause. 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 permit condition.

Item O: Providing Information Upon Request - 6 NYCRR Part 201-6.5(a)(4)

The permittee shall furnish to the Department, within a reasonable

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time, any information that the Department 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. The permittee shall also, on request, furnish the Department with copies of records required to be kept by the permit. Where information is claimed to be confidential, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality.

Item P: Cessation or Reduction of Permitted Activity Not a Defense - 6NYCRR Part 201-6.5(a)(5)

It shall not be a defense for a permittee in an enforcement action to claim that a cessation or reduction in the permitted activity would have been necessary in order to maintain compliance with the conditions of this permit.

Item Q: Property Rights - 6 NYCRR Part 201-6.5(a)(6)

This permit does not convey any property rights of any sort or any exclusive privilege.

Item R: Fees - 6 NYCRR Part 201-6.5(a)(7)

The owner and/or operator of a stationary source shall pay fees to the department consistent with the fee schedule authorized by 6 NYCRR Subpart 482-2.

Item S: Right to Inspect - 6 NYCRR Part 201-6.5(a)(8)

Upon presentation of credentials and other documents, as may be required by law, the permittee shall allow the Department or an authorized representative to perform the following:

- i. Enter upon the permittee's premises where the permitted facility is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit;
- ii. Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;
- iii. Inspect, at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit; and
- iv. As authorized by the Act, sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with

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the permit or applicable requirements.

Item T: Severability - 6 NYCRR Part 201-6.5(a)(9)

If any provisions, parts or conditions of this permit are found to be invalid or are the subject of a challenge, the remainder of this permit shall continue to be valid.

Item U: Progress Reports and Compliance Schedules - 6 NYCRR Part 201-6.5(d)(5)

Progress reports consistent with an applicable schedule of compliance must be submitted at least semiannually on a calendar year basis, or at a more frequent period if specified in the applicable requirement or by the Department elsewhere in this permit. These reports shall be submitted to the Department within 30 days after the end of a reporting period. Such progress reports shall contain the following:

- i. Dates for achieving the activities, milestones, or compliance required in the schedule of compliance, and dates when such activities, milestones or compliance were achieved; and
- ii. An explanation of why any dates in the schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.

Item V: Off Permit Changes - 6 NYCRR Part 201-6.5(f)(6)

No permit revision will be required for operating changes that contravene an express permit term, provided that such changes would not violate applicable requirements as defined under this Part or contravene federally enforceable monitoring (including test methods), recordkeeping, reporting, or compliance certification permit terms and conditions. Such changes may be made without requiring a permit revision, if the changes are not modifications under any provisions of Title I of the Act and the changes do not exceed the emissions allowable under the permit (whether expressed therein as a rate of emissions or in terms of total emissions) provided that the facility provides the Administrator and the Department with written notification in advance of the proposed changes within a minimum of 7 days as required by 6 NYCRR §201-6.5(f)(6).

Item W: Permit Shield - 6 NYCRR Part 201-6.5(g)

All permittees granted a Title V facility permit shall be covered under the protection of a permit shield, except as provided under 6

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NYCRR Subpart 201-6. Compliance with the conditions of the permit shall be deemed compliance with any applicable requirements as of the date of permit issuance, provided that such applicable requirements are included and are specifically identified in the permit, or the Department, in acting on the permit application or revision, determines in writing that other requirements specifically identified are not applicable to the major stationary source, and the permit includes the determination or a concise summary thereof. Nothing herein shall preclude the Department from revising or revoking the permit pursuant to 6 NYCRR Part 621 or from exercising its summary abatement authority. Nothing in this permit shall alter or affect the following:

- i. The ability of the Department to seek to bring suit on behalf of the State of New York, or the Administrator to seek to bring suit on behalf of the United States, to immediately restrain any person causing or contributing to pollution presenting an imminent and substantial endangerment to public health, welfare or the environment to stop the emission of air pollutants causing or contributing to such pollution;
- ii. The liability of a permittee of the Title V facility for any violation of applicable requirements prior to or at the time of permit issuance;
- iii. The applicable requirements of Title IV of the Act;
- iv. The ability of the Department or the Administrator to obtain information from the permittee concerning the ability to enter, inspect and monitor the facility.

Item X: Reopening for Cause - 6 NYCRR Part 201-6.5(i)

This Title V permit shall be reopened and revised under any of the following circumstances:

- i. If additional applicable requirements under the Act become applicable where this permit's remaining term is three or more years, a reopening shall be completed not later than 18 months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which this permit is due to expire, unless the original permit or any of its terms and conditions has been extended by the Department pursuant to the provisions of Part 201-6.7 and Part 621.
- ii. The Department or the Administrator determines that the permit

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contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit.

iii. The Department or the Administrator determines that the Title V permit must be revised or reopened to assure compliance with applicable requirements.

iv. If the permitted facility is an "affected source" subject to the requirements of Title IV of the Act, and additional requirements (including excess emissions requirements) become applicable. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into the permit.

Proceedings to reopen and issue Title V facility permits shall follow the same procedures as apply to initial permit issuance but shall affect only those parts of the permit for which cause to reopen exists.

Reopenings shall not be initiated before a notice of such intent is provided to the facility by the Department at least thirty days in advance of the date that the permit is to be reopened, except that the Department may provide a shorter time period in the case of an emergency.

Item Y: Required Emission Tests - 6 NYCRR Part 202-1.1

An acceptable report of measured emissions shall be submitted, as may be required by the Commissioner, to ascertain compliance or noncompliance with any air pollution code, rule, or regulation. Failure to submit a report acceptable to the Commissioner within the time stated shall be sufficient reason for the Commissioner to suspend or deny an operating permit. Notification and acceptable procedures are specified in 6NYCRR Part 202-1.

Item Z: Visible Emissions Limited - 6 NYCRR Part 211.3

Except as permitted by a specific part of this Subchapter and for open fires for which a restricted burning permit has been issued, no person shall cause or allow any air contamination source to emit any material having an opacity equal to or greater than 20 percent (six minute average) except for one continuous six-minute period per hour of not more than 57 percent opacity.

Item AA: Open Fires - 6 NYCRR Part 215

No person shall burn, cause, suffer, allow or permit the burning in an open fire of garbage, rubbish for salvage, or rubbish generated by

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industrial or commercial activities.

Item BB: Permit Exclusion - ECL 19-0305

The issuance of this permit by the Department and the receipt thereof by the Applicant does not and shall not be construed as barring, diminishing, adjudicating or in any way affecting any legal, administrative or equitable rights or claims, actions, suits, causes of action or demands whatsoever that the Department may have against the Applicant for violations based on facts and circumstances alleged to have occurred or existed prior to the effective date of this permit, including, but not limited to, any enforcement action authorized pursuant to the provisions of applicable federal law, the Environmental Conservation Law of the State of New York (ECL) and Chapter III of the Official Compilation of the Codes, Rules and Regulations of the State of New York (NYCRR). The issuance of this permit also shall not in any way affect pending or future enforcement actions under the Clean Air Act brought by the United States or any person.

Item CC: Federally Enforceable Requirements - 40 CFR 70.6(b)

All terms and conditions in this permit required by the Act or any applicable requirement, including any provisions designed to limit a facility's potential to emit, are enforceable by the Administrator and citizens under the Act. The Department has, in this permit, specifically designated any terms and conditions that are not required under the Act or under any of its applicable requirements as being enforceable under only state regulations.

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

Item A: General Provisions for State Enforceable Permit Terms and Condition - 6 NYCRR Part 201-5

Any person who owns and/or operates stationary sources shall operate and maintain all emission units and any required emission control devices in compliance with all applicable Parts of this Chapter and existing laws, and shall operate the facility in accordance with all criteria, emission limits, terms, conditions, and standards in this permit. Failure of such person to properly operate and maintain the effectiveness of such emission units and emission control devices may be sufficient reason for the Department to revoke or deny a permit.

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request.

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Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Regulatory Analysis

Location Facility/EU/EP/Process/ES	Regulation	Short Description	Condition
FACILITY	ECL 19-0301	Powers and Duties of the Department with respect to air pollution control	1-10
U-0000G/0068G/G68/GC68G	40CFR 52-A.21	Prevention of Significant Deterioration	2-26
U-0000G/-/G61	40CFR 60-A	General provisions	2-5
U-0000G/-/G61	40CFR 60-A.11	General provisions - compliance with standards and maintenance requirements	2-12
U-0000G/-/G61	40CFR 60-A.11 (b)	General provisions - compliance with standards and maintenance requirements	2-13
U-0000G/-/G61	40CFR 60-A.11 (c)	General provisions - compliance with standards and maintenance requirements	2-14
U-0000G/-/G61	40CFR 60-A.11 (d)	General provisions - compliance with standards and maintenance requirements	2-15
U-0000G/-/G61	40CFR 60-A.11 (e) (1)	General provisions - compliance with standards and maintenance requirements	2-16
U-0000G/-/G61	40CFR 60-A.12	General provisions - Circumvention	2-17
U-0000G/-/G61	40CFR 60-A.4	General provisions - Address	2-6
U-0000G/-/G61	40CFR 60-A.7 (a)	Notification and Recordkeeping	2-7
U-0000G/-/G61	40CFR 60-A.7 (b)	Notification and Recordkeeping	2-8
U-0000G/-/G61	40CFR 60-A.8 (a)	Performance Tests	2-9
U-0000G/-/G61	40CFR 60-A.8 (d)	Performance Tests	2-10
U-0000G/-/G61	40CFR 60-A.8 (f)	Performance Tests	2-11
U-0000G/-/G61	40CFR 60-DD.302 (b) (1)	Grain elevators - standard for particulate matter	2-18
U-0000G/-/G61	40CFR 60-DD.302 (b) (2)	Grain elevators - standard for particulate matter	2-19
U-0000G/-/G61	40CFR 60-DD.302 (c) (2)	Grain elevators - standard for particulate matter	2-20
U-0000G/-/G61	40CFR 60-DD.302 (d)	Grain elevators -	2-21

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		standard for particulate matter	
U-0000G/-/G61	40CFR 60-DD.303	Grain elevators - test methods and procedures	2-22
FACILITY	40CFR 68	Chemical accident prevention provisions	2-4
FACILITY	6NYCRR 201-1.4	Unavoidable noncompliance and violations	1-11
FACILITY	6NYCRR 201-3.2(c) (6)	Exempt Activities - emergency power generating units	13
FACILITY	6NYCRR 201-6	Title V Permits and the Associated Permit Conditions	27, 44, 45
FACILITY	6NYCRR 201-6.5(c)	Permit conditions for Recordkeeping and Reporting of Compliance Monitoring	1-2
FACILITY	6NYCRR 201-6.5(c) (2)	Permit conditions for Recordkeeping and Reporting of Compliance Monitoring	1-3
FACILITY	6NYCRR 201-6.5(c) (3) (ii)	Permit conditions for Recordkeeping and Reporting of Compliance Monitoring	1-1
FACILITY	6NYCRR 201-6.5(e)	Compliance Certification	2-1
FACILITY	6NYCRR 201-6.5(f) (1)	Alternate operating scenarios	30
FACILITY	6NYCRR 201-7	Federally-Enforceable Emission Caps	2-23, 2-24, 2-25
U-0000G/0068G/G68/GC68G	6NYCRR 201-7	Federally-Enforceable Emission Caps	2-26
FACILITY	6NYCRR 202-2.1	Emission Statements - Applicability	33
FACILITY	6NYCRR 202-2.5	Emission Statements - record keeping requirements.	34
FACILITY	6NYCRR 211.2	General Prohibitions - air pollution prohibited.	49
FACILITY	6NYCRR 212.10(d)	NOx and VOC RACT required at major facilities	2-24
FACILITY	6NYCRR 212.3(b)	General Process Emission Sources - emissions from existing emission sources	2-2, 36
FACILITY	6NYCRR 212.4(c)	General Process Emission Sources - emissions from new processes and/or modifications	2-3, 38
FACILITY	6NYCRR 212.6(a)	General Process Emission Sources - opacity of emissions limited	40

Applicability Discussion:

Mandatory Requirements: The following facility-wide regulations are included in all Title V permits:

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ECL 19-301.

This section of the Environmental Conservation Law establishes the powers and duties assigned to the Department with regard to administering the air pollution control program for New York State.

6NYCRR Part 201-1.4

This regulation specifies the actions and recordkeeping and reporting requirements for any violation of an applicable state enforceable emission standard that results from a necessary scheduled equipment maintenance, start-up, shutdown, malfunction or upset in the event that these are unavoidable.

6NYCRR Part 201-6

This regulation applies to those terms and conditions which are subject to Title V permitting. It establishes the applicability criteria for Title V permits, the information to be included in all Title V permit applications as well as the permit content and terms of permit issuance. This rule also specifies the compliance, monitoring, recordkeeping, reporting, fee, and procedural requirements that need to be met to obtain a Title V permit, modify the permit and demonstrate conformity with applicable requirements as listed in the Title V permit. For permitting purposes, this rule specifies the need to identify and describe all emission units, processes and products in the permit application as well as providing the Department the authority to include this and any other information that it deems necessary to determine the compliance status of the facility.

6NYCRR Part 201-6.5(c)

This requirement specifies, in general terms, what information must be contained in any required compliance monitoring records and reports. This includes the date, time and place of any sampling, measurements and analyses; who performed the analyses; analytical techniques and methods used as well as any required QA/QC procedures; results of the analyses; the operating conditions at the time of sampling or measurement and the identification of any permit deviations. All such reports must also be certified by the designated responsible official of the facility.

6NYCRR Part 201-6.5(c)(2)

This requirement specifies that all compliance monitoring and recordkeeping is to be conducted according to the terms and conditions of the permit and follow all QA requirements found in applicable regulations. It also requires monitoring records and supporting information to be retained for at least 5 years from the time of sampling, measurement, report or application. Support information is defined as including all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.

6NYCRR Part 201-6.5(e)

Sets forth the general requirements for compliance certification content; specifies an annual submittal frequency; and identifies the EPA and appropriate regional office

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address where the reports are to be sent.

6NYCRR Part 202-2.1

Requires that emission statements shall be submitted on or before April 15th each year for emissions of the previous calendar year.

6NYCRR Part 202-2.5

This rule specifies that each facility required to submit an emission statement must retain a copy of the statement and supporting documentation for at least 5 years and must make the information available to department representatives.

6NYCRR Part 211-.2

This regulation prohibits any emissions of air contaminants to the outdoor atmosphere which may be detrimental to human, plant or animal life or to property, or which unreasonably interferes with the comfortable enjoyment of life or property regardless of the existence of any specific air quality standard or emission limit.

40 CFR Part 68.

This Part lists the regulated substances and their applicability thresholds and sets the requirements for stationary sources concerning the prevention of accidental releases of these substances.

Facility Specific Requirements

In addition to Title V, GENERAL MILLS OPERATIONS INC has been determined to be subject to the following regulations:

40CFR 52-A.21

This citation applies to facilities that are subject to Prevention of Significant Deterioration provisions; ie: facilities that are located in an attainment area and that emit pollutants which are listed in 40 CFR 52.21(b)(23)(i) .

40CFR 60-A

This regulation contains the General Provisions of 40 CFR 60. The facility owner is responsible for reviewing these general provisions in detail and complying with all applicable technical, administrative and reporting requirements

40CFR 60-A.11

This regulation specifies the type of opacity monitoring requirements in relation to compliance with the standards and maintenance requirements.

40CFR 60-A.11 (b)

This regulation states that compliance with the opacity standards in this part be determined by conducting observations in accordance with Method 9 in appendix A of this part

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40CFR 60-A.11 (c)

This regulation states that the opacity standards set forth in this part apply at all times except during periods of startup, shutdown, malfunction, and as otherwise provided in the applicable standard.

40CFR 60-A.11 (d)

This regulation specifies the type of opacity monitoring requirements in relation to compliance with the standards and maintenance requirements.

40CFR 60-A.11 (e) (1)

This regulation states that for the purpose of demonstrating initial compliance, opacity observations shall be conducted concurrently with the initial performance test required in §60.8 .

40CFR 60-A.12

This regulation prohibits an owner or operator from concealing emissions in violation of applicable standards by any means.

40CFR 60-A.4

This condition lists the USEPA Region 2 address for the submittal of all communications to the "Administrator". In addition, all such communications must be copied to NYSDEC Bureau of Quality Assurance (BQA).

40CFR 60-A.7 (a)

This regulation requires any owner or operator subject to a New Source Performance Standard (NSPS) to furnish the Administrator with notification of the dates of: construction or reconstruction, initial startup, any physical or operational changes, commencement of performance testing for continuous monitors and anticipated date for opacity observations as required.

40CFR 60-A.7 (b)

This regulation requires the owner or operator to maintain records of the occurrence and duration of any startup, shutdown, or malfunction of the source or control equipment or continuous monitoring system.

40CFR 60-A.8 (a)

This regulation contains the requirements for the completion date and reporting of Performance Testing (stack testing), at the facility. Within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup, the owner or operator of the facility must conduct performance test(s) and furnish a written report of the test results.

40CFR 60-A.8 (d)

This regulation contains the requirements for advance notification of Performance (stack) testing.

40CFR 60-A.8 (f)

This regulation requires that Performance (stack) tests consist of three runs unless otherwise specified. The rule also designates the allowable averaging methods for the analysis of the results.

40CFR 60-DD.302 (b) (1)

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This condition sets the particulate emission limit at 0.023 grams per dry standard cubic meter (or 0.01 grains per dry standard cubic foot).

40CFR 60-DD.302 (b) (2)

This condition requires that the opacity of process emissions from any affected source, except a grain dryer, subject to Subpart DD, be no greater than 0 percent.

40CFR 60-DD.302 (c) (2)

This condition requires that the opacity of fugitive emissions from any grain handling operations from any affected facility subject to Subpart DD, be no greater than 0 percent.

40CFR 60-DD.302 (d)

This condition sets forth the requirements for barge or ship unloading facilities. The unloading leg must be enclosed from the top to the bottom pulley and ventilated to a control device; the rate of air ventilated must be at least 32.1 actual cubic meters per cubic meter of grain handled; or the owner or operator may use other methods, approved by the Department, to control emissions of particulate matter.

40CFR 60-DD.303

This condition sets forth the testing methods to be used at facilities subject to Subpart DD. Specifically, Method 5 shall be used to determine the particulate matter concentration and the volumetric flow rate of the effluent gas; Method 2 shall be used to determine the ventilation volumetric flow rate; and Method 9 and the procedures in Section 60.11 shall be used to determine opacity.

6NYCRR 201-3.2 (c) (6)

The following emergency power generating units are exempt from permitting requirements:

- (i) Facility specific emergency power generating units where each individual unit operates for no more than 500 hours per year.
- (ii) Centrally dispatched emergency power generating units where each individual unit operates for no more than 200 hours per year. Should a centrally dispatched emergency power generating unit be also operated as a facility specific emergency power generating unit, the annual 200 hour centrally dispatched operating time limit remains applicable, and the total combined hours for operating as either type of emergency power generating unit shall be for no more than 500 hours.

6NYCRR 201-6.5 (c) (3) (ii)

This regulation specifies any reporting requirements incorporated into the permit must include provisions regarding the notification and reporting of permit deviations and incidences of noncompliance stating the probable cause of such deviations, and any corrective actions or preventive measures taken.

6NYCRR 201-6.5 (f) (1)

This regulation defines, in general terms, the operational flexibility provisions associated with alternate operating scenarios. Alternate operating scenarios refer to a range of operating conditions which are defined in the permit and which allow the source the flexibility to make specified changes without

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requiring a permit revision. These changes cannot violate any applicable requirement and must be tracked and recorded in a log at the source.

6NYCRR 201-7

This subpart specifies how a source owner or operator may opt to avoid being subject to one or more applicable requirements to which the source or unit would have otherwise been subject, or where needed to establish an emission reduction credit by accepting federally-enforceable permit conditions restricting or capping emissions.

6NYCRR 212 .10 (d)

This subpart specifies how a source owner or operator may opt to avoid being subject to the RACT analysis and implementation requirements of 6NYCRR212 by accepting federally and state enforceable conditions in their operating permit ,which limit annual potential to emit nitrogen oxides and/or volatile organic compounds below the applicability levels of subdivision 212.10(a) . Records must be maintained by the owner or operator at the facility on a monthly basis which verify the facility's annual actual emissions. Upon reasonable request, these records must be submitted to the Department in a format acceptable to the Department. An exceedance of the annual potential to emit conditions for any calendar year must be reported by the owner or operator to the Department within thirty days of the end of that calendar year.

6NYCRR 212 .3 (b)

This rule requires existing sources (in operation on or before July 1, 1973) of solid particulates with environmental rating of B or C which are not subject to Table 5 "Processes for which Permissible Emission Rate is Based on Process Weight, to be limited to an particulate emission rate not to exceed 0.15 grains per dry standard cubic foot.

6NYCRR 212 .4 (c)

This rule requires existing sources (in operation after July 1, 1973) of solid particulates with environmental rating of B or C which are not subject to Table 5 "Processes for which Permissible Emission Rate is Based on Process Weight, to be limited to an particulate emission rate not to exceed 0.05 grains per dry standard cubic foot.

6NYCRR 212 .6 (a)

This rule specifies an opacity limitation of less than 20% for any six consecutive minute period for all process emission sources.

Compliance Certification

Summary of monitoring activities at GENERAL MILLS OPERATIONS INC:

Location Facility/EU/EP/Process/ES	Type of Monitoring	Cond No.
U-0000G/-/G61	monitoring of process or control device parameters as surrogate	2-13
U-0000G/-/G61	monitoring of process or control device parameters as surrogate	2-16



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U-0000G/-/G61	record keeping/maintenance procedures	2-7
U-0000G/-/G61	monitoring of process or control device parameters as surrogate	2-18
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Basis for Monitoring

This title V permit modification (MOD 2) specifies special operating/monitoring conditions, recordkeeping and reporting required to verify compliance with the 40CFR60, Subpart DD. The basis for monitoring for these requirements is as follows:

Condition 2-13

Applicable Federal Requirement 40CFR 60-DD.302 (b) (1):

To comply with the particulate emission limit of 0.023 grams per dry standard cubic meter (or 0.01 grains per dry standard cubic foot), General Mills will operate a fabric filter with a 99.9% removal efficiency for the particulate exhaust from the ship's enclosed unloading leg. General Mills must operate this equipment according to design specifications any time that the associated process is operating. Monitoring, maintenance, reporting and recordkeeping must be carried out according to monitoring conditions 1-5 and 38 specified under 6NYCRR212.4(c) in the title V permit (see PRR for MOD 1).

Condition 2-14

Applicable Federal Requirement 40CFR 60-DD.302 (b) (2):

This condition requires that the opacity of emissions from a grain elevator, or other affected source subject to Subpart DD, be no greater than 0 percent. To verify compliance with this opacity limit, a General Mills representative must observe particulate emissions from the ship unloading operations a minimum of one time per day for each grain delivery. The observations shall be documented in a permanently bound logbook, indicating date, time, weather condition, observation, i.e. were any particulate emissions observed, and observer's name. The remaining time opacity shall be monitored via ship personnel. If any opacity is observed, corrective action shall be carried out immediately and recorded in the logbook. If the corrective action required cannot be implemented quickly, immediate action shall be taken to minimize emissions until a permanent solution can be completed. Future grain deliveries shall not be accepted until the opacity problem has been resolved. If the corrective action

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cannot be carried out immediately, General Mills must contact the NYSDEC Region 9 office as soon as possible via telephone or e-mail and submit a written report describing the incident and the corrective action taken within 30 days of the violation. Records relating to opacity observations, corrective actions, and performance testing shall be kept on-site for five years and be available for NYSDEC review upon request.

Condition 2-15

Applicable Federal Requirement 40CFR 60-DD.302 (c) (2)

This condition requires that the opacity of fugitive emissions from any grain handling operations at an affected source subject to Subpart DD, be no greater than 0 percent. For a ship unloading station the grain handling operations include the transfer of grain from the ship's hold to the turret onto the conveyor belt and the transfer of grain to the silo hopper from the conveyor belt. These grain handling operations are subject to the Method 9 performance test to verify 0% opacity of fugitive emissions. To verify compliance with this opacity limit, a General Mills representative must observe particulate emissions from the ship unloading operations a minimum of one time per day for each grain delivery. The observations shall be documented in a permanently bound logbook, indicating date, time, weather condition, observation, i.e. were any particulate emissions observed, and observer's name. The remaining time opacity shall be monitored via ship personnel. If any opacity is observed, corrective action shall be carried out immediately and recorded in the logbook. If the corrective action required cannot be implemented quickly, immediate action shall be taken to minimize emissions until a permanent solution can be completed. Future grain deliveries shall not be accepted until the opacity problem has been resolved. If the corrective action cannot be carried out immediately, General Mills must contact the NYSDEC Region 9 office as soon as possible via telephone or e-mail and submit a written report describing the incident and the corrective action taken within 30 days of the violation. Records relating to opacity observations, corrective actions, and performance testing shall be kept on-site for five years and be available for NYSDEC review upon request.

Fugitive emissions from the ship's hold are subject to the opacity requirements of 20% or less specified under 6NYCRR211.3, "Visible emissions limited" (see Item Z of General Permittee Obligations in title V permit).

Condition 2-16

Applicable Federal Requirement 40CFR 60-DD.302 (d)

This condition requires that the unloading leg of the ship be totally enclosed and ventilated to a control device at a rate of at least 32.1 actual cubic meters per cubic meter of grain handled. The system must be maintained to meet these requirements and ensure compliance with 40CFR60.302(b).

Condition 2-26

Applicable State Requirement 6NYCRR201-7 (40CFR52.21(PSD)) :

To verify compliance with the PSD CAP of 14.5 tpy PM-10 from Process G68 emitted to the atmosphere through Emission Point (EP) 0068G, General Mills must operate, calibrate and maintain the control equipment (fabric filter) to ensure a capture efficiency of 99%. Based on the limit on the PTE PM-10 and the exhaust flowrate of EP 0068G, General Mills also must meet surrogate limits on hourly emissions and concentration at 3.3 lb/hr and 0.03 gr/dscf. If the fabric filter is operated, calibrated and maintained as required, the actual annual (8760 hrs/yr) and hourly emissions and concentration for PM-10 will be 2.2 tpy, 0.5 lb/hr and 0.005 gr/dscf, respectively, which are within the allowable limits. If uncontrolled emissions are released to the environment, the excess emissions must be determined using the ERP of 50 lb/hr and the duration of the release. The excess emissions must be added to the 2.2 tpy annual rate to make sure that the total emissions of PM-10 are less than 14.5 tpy, during any 12 month period. An excess emissions report, certified by a responsible official, for any excursion must be submitted to the

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Department within 30 days of occurrence. This report must include the date and time the uncontrolled emissions began and ended; an estimate of the excess PM-10 emitted to the atmosphere during that time, with corresponding calculations; any action taken to minimize the uncontrolled release of PM-10; the cause of the uncontrolled release and the corrective action taken to eliminate reoccurrence.

If emissions exceed the PTE limit, General Mills will be considered in violation of their PSD CAP and that exceedance must be reported to the Department within 30 days. If General Mills is unable to comply with the PM-10 CAP, they will be subject to the requirements of PSD. Annual reporting is required. Records must be maintained on-site for five years and be available for review by the Department or USEPA upon request.