

Iowa Department of Natural Resources

Draft Title V Operating Permit Fact Sheet

This document has been prepared to fulfill the public participation requirements of 40 CFR Part 70 and 567 Iowa Administrative Code (IAC) 22.107(6). 40 CFR Part 70 contains operating permit regulations pursuant to Title V of the Clean Air Act.

The Iowa Department of Natural Resources (DNR) finds that:

1. GM Cereal Properties, Inc., located at 4800 Edgewood Road SW, Cedar Rapids, IA has applied to renew their Title V Operating Permit. The designated responsible official of this facility is Peter Bittorf.
2. GM Cereal Properties, Inc. is a breakfast cereal manufacturing facility. This facility consists of 102 emission units with potential emissions of:

Pollutant	Abbreviation	Potential Emissions (Tons per Year)
Particulate Matter ($\leq 2.5 \mu\text{m}$)	PM _{2.5}	129.64
Particulate Matter ($\leq 10 \mu\text{m}$)	PM ₁₀	129.84
Particulate Matter	PM	132.78
Sulfur Dioxide	SO ₂	0.62
Nitrogen Oxides	NO _x	235.00
Volatile Organic Compounds	VOC	237.32
Carbon Monoxide	CO	113.55
Lead	Lead	0.00
Hazardous Air Pollutants ⁽¹⁾	HAP	2.19

⁽¹⁾ May include the following: formaldehyde and n-hexane.

3. GM Cereal Properties, Inc. submitted a Title V Operating Permit renewal application on October 23, 2023. Based on the information provided in these documents, DNR has made an initial determination that the facility meets all the applicable criteria for the issuance of an operating permit specified in 567 IAC 22.107.
4. DNR has complied with the procedures set forth in 567 IAC 22.107, including those regarding public notice, opportunity for public hearing, and notification of EPA and surrounding state and local air pollution programs.

DNR procedures for reaching a final decision on the draft permit:

1. The public comment period for the draft permit will run from April 25, 2024 through May 24, 2024. During the public comment period, anyone may submit written comments on the permit. Mail signed comments to Anthony Daugherty at the Linn County address shown below. The beginning date of this public comment period also serves as the beginning of the U.S. Environmental Protection Agency's (EPA) 45-day review period, provided the EPA does not seek a separate review period.
2. Written requests for a public hearing concerning the permit may also be submitted during the comment period. Any hearing request must state the person's interest in the subject matter, and the nature of the issues proposed to be raised at the hearing. DNR will hold a public hearing upon finding, on the basis of requests, a significant degree of relevant public interest in a draft permit. Mail hearing requests to Anthony Daugherty at the Linn County address shown below.
3. DNR and Linn County will keep a record of the issues raised during the public participation process, and will prepare written responses to all comments received. The comments and responses will be compiled into a responsiveness summary document. After the close of the public comment period, DNR will make a final decision on the renewal application. The responsiveness summary and the final permit will be available to the public upon request.

Anthony Daugherty
Linn County Public Health
Air Quality Division
1020 6th Street SE
Cedar Rapids, IA 52401
Phone: (319) 892-6013
E-mail: Anthony.Daugherty@linncountyiowa.gov

DNR concludes that:

1. DNR has authority under 455B.133 Code of Iowa to promulgate rules contained in 567 IAC Chapters 20-35, including, but not limited to, rules containing emission limits, providing for compliance schedules, compliance determination methods and issuance of permits.
2. DNR has the authority to issue operating permits for air contaminant sources and to include conditions in such permits under 455B.134 Code of Iowa.
3. The emission limits included in this permit are authorized by 455B.133 Code of Iowa and 567 IAC Chapters 20-35.
4. DNR is required to comply with 567 IAC Chapter 22 in conjunction with issuing a Title V Operating Permit.
5. The issuance of this permit does not preclude the DNR from pursuing enforcement action for any violation.

Permit Reviewer Notes
For the issuance of GM Cereal Properties, Inc. R3 Title V Operating Permit

Permitting Authority:

Iowa Department of Natural Resources
Air Quality Bureau
6200 Park Ave, Suite 200
Des Moines, IA 50321

Applicant:

GM Cereal Properties, Inc.
4800 Edgewood Road SW
Cedar Rapids, IA 52404

EIQ#: 92-9085

Facility File Number: 57-01-012

Permit Writer:

Anthony J. Daugherty
Senior Air Quality Scientist
Linn County Public Health
Air Quality Division
1020 6th St SE
Cedar Rapids, IA 52401

Process Description and SIC/NAICS Codes:

NAICS Description: Breakfast Cereals Manufacturing
Principal NAICS Code: 311230
SIC Description: Cereal Breakfast Foods
Principal SIC Code: 2043

Attainment Status:

GM Cereal Properties, Inc. operates in the city of Cedar Rapids in Linn County, Iowa. 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 pollutant. Visit https://www3.epa.gov/airquality/urbanair/sipstatus/reports/ia_areabypoll.html for the status of any areas in Iowa designated as nonattainment.

Table 1 - Attainment Status

Pollutant	Averaging Period	Attainment Status
PM ₁₀ (150 µg/m ³)	24-hour	Attainment
PM _{2.5} (12.0 µg/m ³)	Annual	Attainment
PM _{2.5} (35 µg/m ³)	24-hour	Attainment
Ozone (0.070 ppm)	8-hour	Attainment
SO ₂ (75 ppb)	1-hour	Attainment
SO ₂ (1,300 µg/m ³) (0.5 ppm)	3-hour	Attainment
CO (10 mg/m ³) (9 ppm)	8-hour	Attainment
CO (40 mg/m ³) (35 ppm)	1-hour	Attainment
NO ₂ (100 µg/m ³) (0.053 ppm)	Annual	Attainment
NO ₂ (100 ppb)	1-hour	Attainment
Lead (0.15 µg/m ³)	Rolling 3-Month Average	Attainment

Facility Compliance Status:

The facility is currently in compliance with all applicable federal, state, and local air pollution regulations.

Significant permitting action since issuance of Renewal 2 includes incorporating new or modified construction permits for the following EP(s):

- EP167 – Generator (reclassified as emergency generator)
- EP178 – Water Heater (incorporate 12-month hourly operating limit)
- EP322 – Water Heater (incorporate 12-month hourly operating)
- EP324 – Dryer (fruit facility production increase)
- EP330 – Generator (reclassified as emergency generator)
- EP340 – Modification (increased maximum rated capacity)
- EP344 – Modification (increased maximum rated capacity)
- EP345 – New Emergency Generator
- EP347 – Boiler (new source)
- EP348 – Dryer (new, additional stack on an existing dryer)
- EP602 – Blender (new source)
- EP705 – Modification (increased maximum rated capacity)
- EP722 – Modification (increased maximum rated capacity)
- EP727 – Modification (CE modification & removal of EUs)
- EP748 – New Source & Modification (CE modification, capacity increase, & removal of EUs)
- EP749 – New Source & Modification (CE modification, capacity increase, & removal of EUs)
- EP809 – Unloader (new source)
- EP810 – Bin (new source)
- EP811 – Blender (new source)
- EP812 – Vacuum Receiver (new source)

Furthermore, several facility construction permits were incorporated into CAPs or existing CAPs updated to remove nonapplicable emission limits, streamline applicable requirements, and eliminate unnecessary reporting requirements. The CAPs issued are for the following types of sources:

- CAP – Boilers
- CAP – Cooling Towers
- CAP – Emergency Engines
- CAP – Heaters
- CAP – Indoor EUs
- CAP – Recycled Scrubbers

Lastly, EP339 was updated to reflect weekly in lieu of daily monitoring requirements.

The following permit(s) were rescinded since the issuance of Renewal 2:

EP307 – 500 kW Emergency Generator was removed from service and permit rescinded.

Background:

GM Cereal Properties, Inc. has applied for a Part 70 Title V Operating Permit. The facility is breakfast cereals manufacturer. The facility consists of 23 insignificant emission units and 102 significant units.

Table 2 - Facility Contacts

Permit Contact	Responsible Official ¹
Wendy Benischek Environmental Specialist	Peter Bittorf Plant Manager
4800 Edgewood Road SW Cedar Rapids, IA 52404	4800 Edgewood Road SW Cedar Rapids, IA 52404
(319) 721-0789 Wendy.Benischek@genmills.com	(319) 390-2300 Peter.Bittorf@genmills.com

¹ Individual listed meets the requirements outlined in 567 IAC 22.100.

The company submitted its third renewal application on October 23, 2023. Additional information was submitted on January 2, 2024.

Regulatory Status:

The facility is defined as a major source according to 567 IAC 22.100 and LCO Sec. 10-55 for the pollutants checked below.

Table 3 - Regulatory Status

Pollutant	Major for Title V?	PTE (by Rule) tons per year	2023 Actuals tons per year
PM _{2.5}	<input checked="" type="checkbox"/>	129.07	43.27
PM ₁₀	<input checked="" type="checkbox"/>	129.27	43.27
PM	NA	132.21	43.27
SO ₂	<input type="checkbox"/>	0.62	0.42
NO _x	<input checked="" type="checkbox"/>	235.00	40.62
VOC	<input checked="" type="checkbox"/>	237.232	44.56
CO	<input checked="" type="checkbox"/>	113.55	33.46
Lead	<input type="checkbox"/>	0	0.00
Individual HAP ¹	<input type="checkbox"/>	0.09	0.00
Total HAPs	<input type="checkbox"/>	2.10	0.00

¹ See permit application for a complete list of HAPs. The two most prevalent are formaldehyde and n-hexane associate with natural gas combustion.

General Facility Requirements

Table 4 - NSPS (40 CFR Part 60)

NSPS Subpart	Affected Emission Unit(s)
A – General Provisions	All NSPS-affected emission units
Dc – Small Industrial, Commercial, Institutional Steam Generating Units	313, 327, and 347 (Boilers)
IIII – Stationary Compression Ignition Internal Combustion Engines	167 and 345 (Emergency Generators)
JJJJ – Stationary Spark Ignition Internal Combustion Engines	181 (Emergency Generator)

Table 5 - NESHAP (40 CFR Part 61)

NESHAP Subpart	Affected Emission Unit(s)
M – Asbestos	Entire Facility – Demolition and Renovation Projects

Table 6 - NESHAP (40 CFR Part 63)

NSPS Subpart	Affected Emission Unit(s)
A – General Provisions	All NESHAP-affected emission units
ZZZZ – Stationary Reciprocating Internal Combustion Engines	162, 166, 167, 181, 184, 330, and 345 (Emergency Generators)

Emission units 001A/B, 002A/B, 313A/B, 327A/B, and 347 are of the source category for Subpart JJJJJJ (*National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources*; 40 CFR §63.11193 – §63.11237). However, these emission units are not subject as these boilers are defined as gas-fired boilers in this subpart per §63.11195(e).

Emission units 400, 500, 501, and 502 are of the source category for Subpart Q (*National Emission Standards for Hazardous Air Pollutants for Industrial Process Cooling Towers*; 40 CFR §63.400 – §63.407). However, these emission units are not subject because this facility does not use chromium-based chemicals and therefore does not meet the applicability criteria of 40 CFR §63400(a).

PSD (40 CFR Part 52.21):

A major stationary source has the potential emissions of 100 tons/year or more of any PSD pollutant (PM, PM₁₀, NO_x, SO₂, VOC, CO, or Pb) if the source is one of the 28 listed in 40 CFR §52.21(b)(1)(i)(a) or its potential emissions are 250 tons/yr or greater for a PSD pollutant if the source is not one of the 28 listed.

GM Cereal Properties, Inc. is not subject to PSD. It is not one of the 28 listed source categories with potential emissions of 100 tons/year or more of a single pollutant or have potential emissions 250 tons/year or greater for any PSD pollutant.

112(r) (40 CFR Part 68):

The facility is subject to 112(r) requirements. The facility meets the applicability criteria and submitted its plant to EPA on April 9, 2019.

NAAQS (40 CFR Part 50):

The facility is located in an attainment area. Modeling is not required as part of the Title V permit review process. The facility has previously conducted dispersion modeling for PM₁₀ and predicted compliance with the 24-hour (and former annual) NAAQS. No other pollutants have been modeled.

Title IV (40 CFR Part 72, 73, 75, 76, 77 and 78):

This facility is not subject to Acid Rain requirements.

Stratospheric Ozone (40 CFR Part 82):

The facility is subject to the Stratospheric Ozone requirements (1990 Clean Air Act, as amended, Sections 601-618).

CAM (40 CFR Part 64):

The following emission units are subject to CAM requirements:

Table 7 - CAM (40 CFR Part 64)

EP	EU	EU Description	Pollutant	Control Equipment
180	180	Regrinds Receiver	PM	Baghouse
339	339	Material Conditioner	PM	Baghouse

General Mills included CAM plans in their application for EPs 200 and 308. Based on a review of potential uncontrolled emissions, these sources are not subject to CAM.

Facility O&M Plans Summary

No sources at General Mills are subject to Facility O&M plan requirements. Linn County has established appropriate parametric monitoring that meets 40 CFR 70.6(a)(3)(i)(b). This regulation states:

Where the applicable requirement does not require periodic testing or instrumental or noninstrumental monitoring (which may consist of recordkeeping designed to serve as monitoring), periodic monitoring sufficient to yield reliable data from the relevant time period that are representative of the source's compliance with the permit, as reported pursuant to [paragraph \(a\)\(3\)\(iii\)](#) of this section. Such monitoring requirements shall assure use of terms, test methods, units, averaging periods, and other statistical conventions consistent with the applicable requirement. Recordkeeping provisions may be sufficient to meet the requirements of this [paragraph \(a\)\(3\)\(i\)\(B\)](#) of this section; and

Table 8 - Facility O&M Plans

EP	EU	EU Description	Pollutant	Control Equipment
		No sources subject		

General Comments:

A spreadsheet titled "9085R3calcs" has been developed which contains most of the information used to base decisions relevant to the issuance of this renewal Title V permit. These reviewer notes are intended to supplement the information contained in this spreadsheet. This spreadsheet includes the following tabs:

EU INFO - Identifies each emission point, emission unit, control equipment, continuous monitoring system (if applicable), rated capacity, and permit numbers.

PTE – Includes potential emissions based on Rule, Emission Factors, and uncontrolled.

PTE-RULE – Includes calculations of potential emissions based on the following local, state or federal regulations (as applicable): Linn County Code of Ordinances, Iowa Administrative Code, and Code of Federal Regulations. In addition, the emissions are based on construction/operating (ATI/PTO) permit

allowables, or by calculating the emission rate based on the equipment's rated capacity and published emission factors where no emission limit for a pollutant subject to regulation is listed and there is not an applicable Federal, State or Local regulation limiting the potential emissions. Lastly, it may be based on a consent agreement or administrative order.

PTE-EF – Includes calculations of potential emissions using published emission factors from webfire, AP-42, site-specific stack test data, or engineering estimates.

PTE-UNCONTROLLED – Includes calculations of uncontrolled potential emissions to determine which sources are major, significant or minor by estimating emissions pre-control for proposed monitoring requirements pursuant to DNR's periodic monitoring guidance.

PTE-Combustion – Includes the potential emissions from the combustion sources at the facility. This incorporates the potential emissions from sources that combust natural gas and propane.

2023 ACTUALS - Summarizes the amount of emissions emitted from the facility in calendar year 2023.

Source Tests - Summarizes all the sources and pollutants tested. This supports the emission factors used in the "PTE" tab in the PTE-EF column.

Monitoring - Identifies which sources are subject to Compliance Assurance Monitoring (CAM), an Agency, or Facility O&M plan and which sources have opacity monitoring associated with them. Lastly, this identifies which sources are required to conduct a stack test over the period of this permit renewal.

Like Sources – Identifies which sources that have not been tested, however are similar to one that has been tested. These sources use the emission factor established from the sources that were tested in the annual EIQ.

Form 1.3 - Summarizes the insignificant activities listed in Form 1.3 of the permittee's application.

Weekly opacity monitoring is required on particulate-emitting sources at this facility because the opacity limit in Linn County is 20%, which is less than the state limit of 40%. The facility requested the no visible emissions action level instead of the Method 9 readings for all units for its initial Title V permit. This requirement is being carried forward in this renewal permit.

Monitoring (Source Testing) Determination Basis:

The initial Title V permit did not require any source tests for fuels the facility was currently combusting. IPL never combusted old corrugated cardboard reject (OCCR) fuel in boilers 1 and 2. For purposes of this renewal permit to determine which sources and the total number of sources to be tested the following criteria were considered:

- 1) Has the source already been tested?
- 2) How recently was the source tested?
- 3) Are the potential controlled emissions (based on the approved emission factor) from the source in excess of 1 ton/year?
- 4) Is the source subject to a CAM plan?
- 5) Is the source already subject to a Federal Regulation such as an NSPS or NESHAP?
- 6) What is the current permitted emission allowable and how close to that allowable are actual emissions?
- 7) What are DNR's Periodic Monitoring Guidance guidelines?

It should be noted that only because the afore-mentioned criteria was selected in determining which sources should potentially be tested for the purposes of this renewal, the Department maintains the authority to require source testing of other sources pursuant to IDNR's periodic monitoring guidance, the IAC and LCCO at the Department's discretion for future renewals. Furthermore, the Department maintains the authority to require testing of existing equipment pursuant to LCCO Sec. 10-70(e)(2)(b). Specifically, LCCO Sec. 10-70(e)(2)(b) states:

"The Air Pollution Control Officer may require the owner or the operator's authorized agent to conduct an emission test on any equipment if the Air Pollution Control Officer has reason to believe that the equipment does not comply with the applicable requirements. Grounds for requiring such a demonstration for compliance include a modification of control or process equipment, age of equipment, or observation of opacities or other parameters outside the range of those indicative of properly maintained and operated equipment. Testing may be required as necessary to determine actual emissions from a source where that source is believed to have a significant impact on

the public health or ambient air quality of an area. The Air Pollution Control Officer shall provide the owner or agent not less than 30 days to perform the compliance demonstration and shall provide written notice of the requirement."

PM/PM₁₀

Several PM/PM₁₀ emission sources have previously been tested. This renewal permit will require PM testing for the sources listed in Table 9 – Pollutant Testing Summary pursuant to DNR's periodic monitoring guidance. These sources were chosen based on their exhaust flowrate and it has been at least 15 years since they were last tested.

PM_{2.5}

Currently there are no PM_{2.5} emission limits in any of the affected PM_{2.5}-emitting sources at this facility. PM_{2.5} testing of any source will not be required as part of this renewal permit.

SO₂

Combustion sources at the plant use natural gas and in a limited capacity propane. There are also diesel-fired emergency generators at the plant. Emission factors are well established for these sources and therefore stack testing is not required. SO₂ emissions are negligible.

NO_x

Combustion sources at the plant use natural gas and in a limited capacity propane. There are also diesel-fired emergency generators at the plant. Emission factors are well established for these sources and therefore stack testing is not required.

CO

Combustion sources at the plant use natural gas and in a limited capacity propane. There are also diesel-fired emergency generators at the plant. Emission factors are well established for these sources and therefore stack testing is not required.

VOC

Combustion sources at the plant use natural gas and in a limited capacity propane. There are also diesel-fired emergency generators at the plant. Emission factors are well established for these sources and therefore stack testing is not required.

The fruit facility operates under a VOC flavorings bubble permit limit. Compliance with this emission limit is based on a mass balance approach. Based on historical sample analyses, 100% of ethyl alcohol is assumed to be emitted, and 100% of propylene glycol is retained in the final product. Since emissions are based on a mass balance approach stack testing is not required.

HAP

Combustion sources at the plant use natural gas and in a limited capacity propane. There are also diesel-fired emergency generators at the plant. Emission factors are well established for these sources and therefore stack testing is not required. Formaldehyde and n-hexane are the primary HAP emitted from these sources. HAP emissions are negligible.

Pollutant Testing Summary

Table 9 - Pollutant Testing Summary

EP	EU Description	Pollutant	Compliance Methodology	Completion Deadline	Test Method
103	Dryer	PM	Stack Test	W/in 3 years	40 CFR 60, Appendix A, Method 5 40 CFR 51, Appendix M, Method 202
104	Cookers	PM	Stack Test	W/in 3 years	40 CFR 60, Appendix A, Method 5 40 CFR 51, Appendix M, Method 202
130	Dryer	PM	Stack Test	W/in 3 years	40 CFR 60, Appendix A, Method 5 40 CFR 51, Appendix M, Method 202
161	Dryer	PM	Stack Test	W/in 3 years	40 CFR 60, Appendix A, Method 5 40 CFR 51, Appendix M, Method 202
200	Product Receiver	PM	Stack Test	W/in 3 years	40 CFR 60, Appendix A, Method 5 40 CFR 51, Appendix M, Method 202
305 306 309 324 325 326 346 348	Dryers	VOC	Mass Balance ¹	Monthly	NA
		Propylene Glycol	Analysis ²	Biennial	NA
400	F-2 Condenser #4	TDS	Water Sampling	Quarterly	NA
500	C-1 Condenser #2				
501	Condenser #3				
502	C-1 Condenser #4				

¹ The amount of VOC emitted shall be tracked using a mass balance analysis based on ingredient flavors. When calculating VOC emissions from flavorings used at the facility, the facility will assume the following:

- A. 100% of the ethyl alcohol (EA) content is emitted in the process;
- B. 100% of the propylene glycol (PG) content is retained in the product.

² Test one (1) fruit sample every other calendar year for retention of the propylene glycol.

Actual Emissions:

All emission factors for the 2023 EIQ were reviewed. The emission factors used are from source test data, [webfire, AP-42](#), or engineering estimates.

General Mills Allowables

Facility:		GM Cereal Operations, Inc											
EIQ#:		92-9085											
Facility File #:													
EP	EU	EU Description	ATI	PTO	Raw Material / Fuel	Control Equipment	SCC	Temp (°F)	Flow Rate (acfm)	Flow rate (scfm)	Operating Limits (Hours)	Rated Capacity	Capacity Units
1	001A	Boiler #1 - Natural Gas	40B	4581-R3	Natural Gas	None	10200602	450	9,727	5,665	8760	40	MMBTU/hr
	001B	Boiler #1 - Propane			Propane		10201002						
2	002A	Boiler #2 - Natural Gas	40B	4582-R3	Natural Gas	None	10200602	450	9,768	5,689	8760	40	MMBTU/hr
	002B	Boiler #2 - Propane			Propane		10201002						
102	102	Dryer	4324	4520-R2	Finished Cereal	Scrubber	30204001	125	8,689	7,872	8760	13.98	tons/hr
103	103	Dryer	5826	5564-R1	Finished Cereal	Scrubber	30204001	94	11,547	11,047	8760	11.64	tons/hr
104	104	Cookers	4931	5023-R2	Wet Dough	Scrubber	30204001	190	12,767	10,410	8760	10.25	tons/hr
105	105	Product Receiver	6228	6006	Dry Ingredients	Fabric Filter	30200553	105	1,794	1,683	8760	17.5	tons/hr
107	107	Shaper	6930	6701	Wet Dough	Scrubber	30204002	150	7,500	6,516	8760	3.6	tons/hr
	177A	Dryer			Wet Dough		30204001					10.8	tons/hr
108	108	Shaper	6931	6702	Wet Dough	Scrubber	30204002	150	7,136	6,200	8760	3.6	tons/hr
	177B	Dryer			Wet Dough		30204001					10.8	tons/hr
109	109	Shaper	6887	6703	Wet Dough	Scrubber	30204002	150	7,136	6,200	8760	3.6	tons/hr
	138A	Dryer			Wet Dough		30204001					14.4	tons/hr
125	125	Slurry	4329	4523-R1	Sweeteners	Scrubber	30204004	90	1,557	1,500	8760	6.66	tons/hr
130	130	Dryer	5719	5961-R1	Finished Cereal	Scrubber	30204001	105	16,213	15,209	8760	10.3	tons/hr
132	132A	Gas Fire Preheater - Natural Gas	6178	5939-R1	Natural Gas	None	30290003	450	292	170	8760	1.5	MMBTU/hr
	132B	Gas Fire Preheater - Propane			Propane		30290005						
134	134	Dryer	5721	5936-R1	Wet Dough	Scrubber	30204001	135	8,249	7,348	8760	7.2	tons/hr
135	135	Shaper	6888	6704	Wet Dough	Scrubber	30204002	150	7,136	6,200	8760	3.6	tons/hr
	138B	Dryer			Wet Dough		30204001					14.4	tons/hr
137	137	Dryer	5700	5965-R1	Wet Dough	Scrubber	30204001	122	10,008	9,114	8760	7.2	tons/hr
138	138A	Dryer	5947	5683-R1	Wet Dough	Scrubber	30204001	90	3,113	3,000	8760	14.4	tons/hr
	138B	Dryer			Wet Dough		30204001						
	138C	Dryer			Wet Dough		30204001						
	138D	Dryer			Wet Dough		30204001						
139	139A	Gas Fire Preheater - Natural Gas	2317	4601-R3	Natural Gas	None	30290003	450	292	170	8760	0.8	MMBTU/hr
	139B	Gas Fire Preheater - Propane			Propane		30290005						
140	140A	Gas Fired Preheater - Natural Gas	2316	4602-R2	Natural Gas	None	30290003	450	292	170	8760	0.8	MMBTU/hr
	140B	Gas Fired Preheater - Propane			Propane		30290005						
141	141A	Gas Fire Preheater - Natural Gas	2324	4603-R3	Natural Gas	None	30290003	450	292	170	8760	0.8	MMBTU/hr
	141B	Gas Fire Preheater - Propane			Propane		30290005						
145	145	Shaper	6932	6699	Wet Dough	Scrubber	30204002	150	7,136	6,200	8760	3.6	tons/hr
	177C	Dryer			Wet Dough		30204001					10.8	tons/hr
146	146	Shaper	6889	6697	Wet Dough	Condenser/Muffler	30204002	150	7,136	6,200	8760	3.6	tons/hr
	138C	Dryer			Wet Dough	Scrubber	30204001					14.4	tons/hr
147	147	Shaper	6890	6698	Wet Dough	Condenser/Muffler	30204002	150	7,136	6,200	8760	3.6	tons/hr
	138D	Dryer			Wet Dough	Scrubber	30204001					14.4	tons/hr
148	148	Liquid Mix	5827	5564-R1	Sweeteners	Scrubber	30204004	115	1,493	1,376	8760	3.38	tons/hr
150	150A	Gas Fire Preheater - Natural Gas	5818	5566-R2	Natural Gas	None	30290003	450	292	170	8760	1.5	MMBTU/hr
	150B	Gas Fire Preheater - Propane			Propane		30290005						
151	151A	Gas Fire Preheater - Natural Gas	6179	5940-R1	Natural Gas	None	30290003	450	292	170	8760	1.5	MMBTU/hr
	151B	Gas Fire Preheater - Propane			Propane		30290005						
152	152	Base Bin	5374	5375-R1	In-Process Cereal	Scrubber	30204002	105	853	800	8760	7.9	tons/hr
159	159	Propane Gas Feeder Vaporizer	6633	6470-R1	Propane	None	30290005	150	823	715	8760	2.52	MMBTU/hr
160	160	Central Vacuum	6233	6007-R1	Mixed Cereals	Baghouse	30204002	500	906	500	8760	11.75	tons/hr
161	161	Dryer	5141	5087-R2	Wet Dough	Scrubber	30204001	185	14,375	11,812	8760	10.25	tons/hr
162	162	Emergency Generator - Diesel	7435	7132-R1	Diesel Fuel	None	20100102	981	17,349	6,381	500	8.03	MMBTU/hr
164	164A	Gas Fired Preheater - Natural Gas	6621	6458-R1	Natural Gas	None	30290003	450	292	170	8760	0.9	MMBTU/hr
	164B	Gas Fired Preheater - Propane			Propane		30290005						
166	166A	Shop Emergency Generator - Natural Gas	6236	6010-R1	Natural Gas	None	20100202	1544	775	205	500	1.508	MMBTU/hr
	166B	Shop Emergency Generator - Propane			Propane		20201012						
167	167	Emergency Generator - Diesel	7436	7133-R1	Diesel Fuel	None	20100102	964.4	18,630	6,932	500	8.07	MMBTU/hr
168	168	Extruder	5863	5772-R1	Wet Dough	Scrubber	30204002	120	2,499	2,284	8760	4.53	tons/hr
169	169	Cereal Conveying	5864	5773-R1	Wet Dough	Scrubber	30204002	70	800	800	8760	4.53	tons/hr
170	170	Dryer	7459	7220	Wet Dough	Scrubber	30204001	230	7,000	5,377	8760	3.6	tons/hr
171	171A	Preheater	6744	6530-R1	Wet Dough	Scrubber	30204001	150	7,771	6,752	8760	3.6	tons/hr
	171B	Shaper			Wet Dough		30204001						

General Mills Allowables

Facility:		GM Cereal Operations, Inc										Gallons	12000000	MF	0.499
EIQ#:		92-9085										Limit	24050002	PTE	24050002
Facility File #:												Limit	24050002	PTE	24050002
EP	EU	EU Description	ATI	PTO	Raw Material / Fuel	Control Equipment	SCC	Temp (°F)	Flow Rate (acfm)	Flow rate (scfm)	Operating Limits (Hours)	Rated Capacity	Capacity Units		
	171C	Blower			Wet Dough	Scrubber	30204001								
172	172A	Natural Gas: Process Heater	5867	5776-R2	Natural Gas	None	30290003	800	6,000	2,524	8760	1.5	MMBtu/hr		
	172B	Liquid Protroleum Gas (LPG): Process Heaters			30290005										
173	173	Dryer	5868	5777-R2	Wet Dough	Scrubber	30204001	230	2,000	1,536	8760	3.54	tons/hr		
174	174A	Mix	5869	5778-R1	Wet Dough	Scrubber	30204004	100	1,200	1,136	8760	3.63	tons/hr		
	174B	Slurry			30204004										
	174C	Enrober			30204004										
175	175	Dryer	5870	5779-R2	Wet Dough	Scrubber	30204001	270	6,000	4,356	8760	7.17	tons/hr		
176	176	Dryer	5871	5780-R2	Wet Dough	Scrubber	30204001	110	8,000	7,439	8760	6.42	tons/hr		
177	177A	Dryer	5948	5684-R1	Wet Dough	Scrubber	30204001	150	1,650	1,434	8760	10.8	tons/hr		
	177B	Dryer			30204001										
	177C	Dryer			30204001										
178	178A	Process Heaters: Natural Gas	7437	7127-R1	Natural Gas	None	30290003	160	4,600	3,932	876	18	MMBtu/hr		
	178B	Process Heaters: Liquefied Petroleum Gas (LPG)			30290005										
179	179	Process Heaters: Liquefied Petroleum Gas (LPG): Process Heaters	6002	5720-R3	Propane	None	30290005	150	106	92	876	0.5	MMBtu/hr		
180	180	Regrinds Receiver	6436	6219-R1	Food Ingredients	Baghouse	30204002	125	4,422	4,006	8760	8.55	tons/hr		
181	181A	MCC Emergency Generator 200 kW Natural Gas	6297	6135-R1	Natural Gas	None	20100202	1384	1,500	431	600	2.58	MMBtu/hr		
182	182A	Cooker	6743	6553-R1	Wet Dough	Spray Chamber	30204002	126	10,500	9,497	8760	14.4	tons/hr		
	182B	Cooker			30204002										
183	183	Packaging Dust Collector	6751	6554	Ingredient	Dust Collector	30204002	70	1,400	1,400	8760	4.5	lbs/hr		
184	184	Emergency Fire Pump	--	--	Diesel Fuel	--	20200102				500	1.45	MMBTU/hr		
200	200	Product Receiver	6238	6012-R1	Wet Dough	Fabric Filter	30204002	132	14,186	12,700	8760	10.25	tons/hr		
305	305	Dryer	5980	5662	Food Ingredients	None	30204001	100	24,999	23,660	8760	3.5	tons/hr		
306	306	Dryer	5981	5663	Food Ingredients	None	30204001	100	24,999	23,660	8760	3.5	tons/hr		
308	308A	Product Receiver	7228	6939	Sweeteners	Baghouse	30203203	130	10,136	9,105	8760	3	tons/hr		
	308B	Product Receiver			30203203										
	308C	Product Receiver			30203203										
309 346 348	309A	Dryer	7438	7215	Food Ingredients	None	30204001	100	7,136	30,286	8760	1.25	tons/hr		
	309B	Dryer			30204001										
	309E	Dryer			30204001										
	309F	Dryer			30204001										
310	310	Receiver	6038	5771-R1	Food Ingredients	Baghouse	30204002	145	1,735	1,520	8760	15	tons/hr		
313	313A	Boiler - Natural Gas	2533	4538-R3	Natural Gas	None	10200602	450	9,734	5,669	8760	48.25	MMBtu/hr		
	313B	Boiler - Propane			10201002										
321	321A	Water Heater - Natural Gas	3886	4584-R3	Natural Gas	None	30290003	160	4,600	3,932	8760	21	MMBtu/hr		
	321B	Water Heater - Propane			30290005										
322	322A	Water Heater - Natural Gas	7440	7128-R1	Natural Gas	None	30290003	160	4,600	3,932	876	21	MMBtu/hr		
	322B	Water Heater - Propane			30290005										
324	309C	Dryer	7549	7361	Food Ingredients	None	30204001	100	12,000	11,357	8760	2	tons/hr		
	309D	Dryer			30204001										
325	325	Dryer	7240	6968	Ingredient	None	30204001	100	8,000	7,571	8760	3.5	tons/hr		
326	326	Dryer	7241	6969	Ingredient	None	30204001	100	8,000	7,571	8760	3.5	tons/hr		
327	327A	Boiler #4 - Natural Gas	4009	4586-R3	Natural Gas	None	10200602	450	9,768	5,689	8760	48.3	MMBtu/hr		
	327B	Boiler #4 - Propane			10201002										
330	330	Emergency Generator - Diesel	7441	7134-R1	Diesel Fuel	None	20100102	981	17,349	6,381	500	8.21	MMBtu/hr		
339	339	Material Conditioner	5724	5542-R2	Starch	Fabric Filter	30204001	93	12,521	12,000	8760	25.5	tons/hr		
340	340	Packaging Dust Collector	7788	7532	Ingredient	Dust Collector	30204002	70	1,600	1,600	8760	4.5	lbs/hr		
344	344	Packaging System	7789	7533	Ingredient	Dust Collector	30204002	70	1,600	1,600	8760	4.5	lbs/hr		
345	345	Emergency Diesel Generator	7499	7273-R1	Diesel Fuel	None	20200401	988	9,852	3,606	500	4.97	MMBtu/hr		
346	-	-	7439	7216	--	--	--	100	15,849	15,000	--	--	--		
347	347	Boiler 5 - Natural Gas	7550	7363-R1	Natural Gas	Flue Gas Recirculation	10200602	160	488	417	8760	25	MMBtu/hr		
348	-	-	7577	7293	--	--	--	100	15,849	15,000	--	--	--		
400	400	F-2 Condenser #4	5509	5377-R1	Water	Drift Eliminator	38500101	78	211,637	208,490	8760	103200	gal/hr		
500	500	C-1 Condenser #2	5688	5522-R1	Water	Drift Eliminator	30290003	78	93,592	92,200	8760	42900	gal/hr		
501	501	C-1 Condenser #3	5862	5755-R1	Water	Drift Eliminator	38500101	78	93,592	92,200	8760	42900	gal/hr		
502	502	C-1 Condenser #4	6384	6117-R2	Water	Drift Eliminator	38500101	78	211,637	208,490	8760	103200	gal/hr		
600	600	Receiver	6390	6118-R1	Ingredient	Baghouse	30204002	70	2,000	2,000	8760	0.5	tons/hr		
601	601A	Ingredient Weigh Platform	7253	6966-R1	Ingredient	Baghouse	30204002	70	1,650	1,650	8760	1	tons/hr		
	601B	Ingredient Supersack Unloading			30204002										

General Mills Allowables

Facility:		GM Cereal Operations, Inc											
EIQ#:		92-9085											
Facility File #:													
EP	EU	EU Description	ATI	PTO	Raw Material / Fuel	Control Equipment	SCC	Temp (°F)	Flow Rate (acfm)	Flow rate (scfm)	Operating Limits (Hours)	Rated Capacity	Capacity Units
602	602	Blender	7729	7451-R1	Ingredient	Cartridge Filter	30204002	70	558	558	8760	728	lbs/hr
700	700	Receiver	5828	5619-R1	Ingredient	Baghouse	30204002	70	3,000	3,000	8760	12	tons/hr
701	701	Receiver	5830	5620-R1	Ingredient	Baghouse	30204002	100	338	320	8760	9	tons/hr
702	702	Receiver	5882	5891-R1	Ingredient	Fabric Filter	30204002	70	1,000	1,000	8760	9	tons/hr
703	703	Receiver	5883	5892-R1	Ingredient	Fabric Filter	30204002	70	1,000	1,000	8760	9	tons/hr
704	704	Receiver	5884	5893-R1	Ingredient	Fabric Filter	30204002	70	1,000	1,000	8760	3	tons/hr
705	705	Receiver	7460	7221-R1	Ingredient	Fabric Filter	30204002	70	1,000	1,000	8760	4.5	tons/hr
706	706	Receiver	5886	5721-R1	Ingredient	Fabric Filter	30204002	70	500	500	8760	3	tons/hr
707	707	Receiver	5887	5722-R1	Ingredient	Fabric Filter	30204002	70	500	500	8760	3	tons/hr
708	708	Receiver	5888	5723-R1	Ingredient	Fabric Filter	30204002	70	700	700	8760	3	tons/hr
709	709	Hopper	5889	5724-R1	Ingredient	Fabric Filter	30204002	70	700	700	8760	2	tons/hr
710	710	Bag Dump	5890	5725-R1	Ingredient	Fabric Filter	30204002	70	300	300	8760	2	tons/hr
711	711	Bag Dump	5891	5726-R1	Ingredient	Baghouse	30204002	70	300	300	8760	2	tons/hr
712	712	Bag Dump	5892	5895-R1	Ingredient	Baghouse	30204002	70	300	300	8760	3	tons/hr
713	713	Receiver	5893	5727-R1	Ingredient	Fabric Filter	30204002	70	500	500	8760	3	tons/hr
714	714	Receiver	5894	5896-R1	Ingredient	Fabric Filter	30204002	70	700	700	8760	9	tons/hr
715	715A	Mixer			Ingredient		30204002					9	tons/hr
	715B	Receiver	5895	5897-R1	Ingredient	Fabric Filter	30204002	70	400	400	8760	9	tons/hr
	715C	Receiver			Ingredient		30204002					4.53	tons/hr
716	716A	Product Receiver			Ingredient		30204002					4.53	tons/hr
	716B	Blowers and Aspirator			Ingredient		30204002					4.53	tons/hr
	716C	Blower	6027	5898-R1	Ingredient	Baghouse	30204002	120	5,143	4,700	8760	4.53	tons/hr
	716D	Blower			Ingredient		30204002					3.6	tons/hr
717	717A	Blower			Ingredient		30204002					3.6	tons/hr
	717B	Bin	5897	5899-R1	Ingredient	Baghouse	30204002	70	1,500	1,500	8760	3.6	tons/hr
	717C	Bin			Ingredient		30204002					3.6	tons/hr
718	718	Blower	5898	5900-R1	Ingredient	Baghouse	30204002	70	700	700	8760	3.6	tons/hr
719	719	Receiver	5899	5901-R1	Ingredient	Fabric Filter	30204002	70	700	700	8760	3	tons/hr
720	720	Super Sack	5900	5902-R1	Ingredient	Baghouse	30204002	70	1,600	1,600	8760	3	tons/hr
721	721	Receiver	5901	5728-R1	Ingredient	Baghouse	30204002	70	300	300	8760	3	tons/hr
722	722	Receiver	7461	7222-R1	Ingredient	Baghouse	30204002	70	1,000	1,000	8760	3	tons/hr
723	723	Receiver	5903	5903-R1	Ingredient	Baghouse	30204002	70	1,000	1,000	8760	1	ton/hr
724	724	Air Lock	5904	5730-R2	Ingredient	Baghouse	30204002	70	100	100	8760	6.5	tons/hr
725	725	Air Classifier	5905	5904-R1	Ingredient	Baghouse	30204002	70	4,000	4,000	8760	6.5	tons/hr
726	726A	Bins			Ingredient		30204002					6.5	tons/hr
	726B	Bins	5906	5905-R1	Ingredient	Baghouse	30204002	70	2,400	2,400	8760	6.5	tons/hr
	726C	Bins			Ingredient		30204002					6.5	tons/hr
727	727A	Bins			Ingredient		30204002					6.5	tons/hr
	727B	Receiver	7496	7217-R1	Ingredient	Baghouse	30204002	70	3,500	3,500	8760	6.5	tons/hr
728	728A	Bins			Ingredient		30204002					6.5	tons/hr
	728B	Bins	5908	5732-R1	Ingredient	Baghouse	30204002	70	4,600	4,600	8760	3.6	tons/hr
729	729	Receiver	5909	5733-R1	Ingredient	Fabric Filter	30204002	70	500	500	8760	3	tons/hr
730	730	Receiver	5910	5734-R1	Ingredient	Fabric Filter	30204002	70	500	500	8760	3	tons/hr
731	731	Receiver	5911	5735-R1	Ingredient	Fabric Filter	30204002	70	500	500	8760	3	tons/hr
732	732	Receiver	5912	5736-R1	Ingredient	Fabric Filter	30204002	70	500	500	8760	9	tons/hr
733	733	Hopper	5949	5906-R1	Ingredient	Baghouse	30204002	70	100	100	8760	9	tons/hr
734	734	Hopper	5950	5907-R2	Ingredient	Baghouse	30204002	70	100	100	8760	9	tons/hr
735	735	Hopper	5951	5908-R2	Ingredient	Baghouse	30204002	70	100	100	8760	3	tons/hr
736	736	Hopper	5952	5909-R2	Ingredient	Fabric Filter	30204002	70	10	10	8760	3.6	tons/hr
737	737	Multiple Pickups	5953	5737-R1	Ingredient	Baghouse	30204002	70	5,000	5,000	8760	3.6	tons/hr
738	738	Hopper	5954	5910-R1	Ingredient	Baghouse	30204002	70	100	100	8760	0.1	tons/hr
739	739	Weigh Station	5970	5911-R1	Ingredient	Fabric Filter	30204002	70	560	560	8760	0.025	tons/hr
740	740	Bead Blaster	5971	5912-R1	Ingredient	Fabric Filter	30204002	70	850	850	8760	6	tons/hr
741	741	Receiver	6111	5922-R1	Ingredient	Baghouse	30204002	70	4,800	4,800	8760	3	tons/hr
742	742	Grinder	6177	5951-R1	Ingredient	Cartridge Filter	30204002	100	2,113	2,000	8760	3	tons/hr
744	744	Receiver	6262	6083-R1	Ingredient	Baghouse	30204002	70	1,254	1,254	8760	0.5	tons/hr
745	745	Cereal Blending System	6529	6435-R1	Ingredient	Baghouse	30204002	70	3,500	3,500	8760	5.64	tons/hr
746	746	RTC Filter & Hopper	6934	6700-R1	Ingredient	Cartridge Filter	30204002	140	306	270	8760	3	tons/hr
	747A	Baggers 1			Ingredient		30204002					2	tons/hr

General Mills Allowables

Facility:		GM Cereal Operations, Inc										Gallons	MF	
EIQ#:		92-9085										Limit	12000000	0.499
Facility File #:												PTE	24050002	
EP	EU	EU Description	ATI	PTO	Raw Material / Fuel	Control Equipment	SCC	Temp (°F)	Flow Rate (acfm)	Flow rate (scfm)	Operating Limits (Hours)	Rated Capacity	Capacity Units	
747	747B	Baggers 2			Ingredient		30204002					2	tons/hr	
	747C	Baggers 3			Ingredient	Baghouse	30204002	70	1,606	1,606	8760	2	tons/hr	
	747D	Baggers 4	7254	6967-R1	Ingredient		30204002					2	tons/hr	
	747E	Baggers 5			Ingredient		30204002					2	tons/hr	
	747F	Baggers 6			Ingredient		30204002					2	tons/hr	
	748	748A	Conveyors			Ingredient	Baghouse	30204002	70	5,000	5,000	8760	6.25	tons/hr
748B		Fillers (3)	7772	7514-R1	Ingredient		30204002					6.25	tons/hr	
749	749A	Baggers (3)			Ingredient	Baghouse	30204002	70	3,000	3,000	8760	6.25	tons/hr	
	748B	Baggers (3)	7773	7515-R1	Ingredient		30204002						lbs/hr	
800	800	Receiver	6391	6218-R2	Ingredient	Baghouse	30204002	70	1,500	1,500	8760	0.5	tons/hr	
801	801	Receiver	6595	6490-R1	Ingredient	Cartridge Filter	30204002	70	876	876	8760	4.5	tons/hr	
802	802	Receiver	6596	6491-R1	Ingredient	Baghouse	30204002	70	862	862	8760	0.75	tons/hr	
803	803	Dust Collector	6597	6492-R1	Ingredient	Cartridge Filter	30204002	70	7,427	7,427	8760	15	tons/hr	
804	804	Bag Dump	6598	6493-R1	Ingredient	Baghouse	30204002	70	862	862	8760	0.75	tons/hr	
805	805	Receiver	6599	6494-R1	Ingredient	Cartridge Filter	30204002	70	624	624	8760	4	tons/hr	
806	806	Vacuum System	6603	6495-R1	Ingredient	Baghouse	30204002	70	1,196	1,196	8760	0.75	tons/hr	
807	807	Starch Receiver	7061	6835-R1	Ingredient	Cartridge Filter	30204002	150	1,151	1,000	8760	24	tons/hr	
808	808	Starch Hopper	7076	6836-R1	Ingredient	Cartridge Filter	30204002	70	200	200	8760	24	tons/hr	
809	809	Unloader	7602	7382-R1	Ingredient	Bin Vent Filters	30204002	70	800	800	8780	550	lbs/hr	
810	810	Bin	7601	7437-R1	Ingredient	Cartridge Filter	30204002	70	35	35	8760	2.4	tons/hr	
811	811	Blender	7658	7433-R1	Ingredient	Cartridge Filter	30204002	70	588	588	8760	3	tons/hr	
812	812	Vacuum Receiver	7771	TBD	Ingredient	Baghouse	30204002	70	558	558	8760	2.4	tons/hr	

General Mills Allowables

Facility: Ger															
EIQ#: 92-90															
NOx															
VOC															
PTE-Rule			PTE -EF			PTE-Uncontrolled			PTE-Rule			PTE -EF			
EP	EF	EF Units	TPY	EF	EF Units	TPY	EF	EF Units	TPY	EF	EF Units	TPY	EF	EF Units	TPY
			235.00			158.37			158.37			237.32			237.91
			156.58												
1	100	lb/mmcf	21.16	100.00	lb/mmcf	21.16	100.00	lb/mmcf	21.16	5.5	lb/mmcf	1.44	5.50	lb/mmcf	1.44
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	100	lb/mmcf	21.16	100.00	lb/mmcf	21.16	100.00	lb/mmcf	21.16	5.5	lb/mmcf	1.44	5.50	lb/mmcf	1.44
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
102															
103															
104															
105															
107															
108															
109															
125															
130															
132	100.00	lb/mmcf	0.79	100.00	lb/mmcf	0.79	100.00	lb/mmcf	0.79	5.5	lb/mmcf	0.05	5.50	lb/mmcf	0.05
			-									-			
134															
135															
137															
138															
139	100.00	lb/mmcf	0.42	100.00	lb/mmcf	0.42	100.00	lb/mmcf	0.42	5.5	lb/mmcf	0.03	5.50	lb/mmcf	0.03
			-									-			
140	100.00	lb/mmcf	0.42	100.00	lb/mmcf	0.42	100.00	lb/mmcf	0.42	5.5	lb/mmcf	0.03	5.50	lb/mmcf	0.03
			-									-			
141	100.00	lb/mmcf	0.42	100.00	lb/mmcf	0.42	100.00	lb/mmcf	0.42	5.5	lb/mmcf	0.03	5.50	lb/mmcf	0.03
			-									-			
145															
146															
147															
148															
150	100.00	lb/mmcf	0.79	100.00	lb/mmcf	0.79	100.00	lb/mmcf	0.79	5.5	lb/mmcf	0.05	5.50	lb/mmcf	0.05
			-									-			
151	100.00	lb/mmcf	0.79	100.00	lb/mmcf	0.79	100.00	lb/mmcf	0.79	5.5	lb/mmcf	0.05	5.50	lb/mmcf	0.05
			-									-			
152															
159	13.00	lb/1000 gal	0.79	13.00	lb/1000 gal	0.79	13.00	lb/1000 gal	0.79	1.00	lb/1000 gal	0.06	1.00	lb/1000 gal	0.06
160															
161															
162	9.2	g/kw-hr	4.06	9.20	g/kw-hr	4.06	9.20	g/kw-hr	4.06	1.3	g/kw-hr	0.57	1.30	g/kw-hr	0.57
164	100	lb/mmcf	0.48	100.00	lb/mmcf	0.48	100.00	lb/mmcf	0.48	5.5	lb/mmcf	0.03	5.50	lb/mmcf	0.03
	-	-	-							-	-	-			

General Mills Allowables

Facility: Ger												
EIQ#: 92-90				CO								
PTE-Uncontrolled				PTE-Rule			PTE-EF			PTE-Uncontrolled		
EP	EF	EF Units	TPY	EF	EF Units	TPY	EF	EF Units	TPY	EF	EF Units	TPY
			237.91			113.55			113.55			113.55
1	5.50	lb/mmcf	1.44	84.00	lb/mmcf	14.47	84.00	lb/mmcf	14.47	84.00	lb/mmcf	14.47
	-	-	-	-	-	-	-	-	-	-	-	-
2	5.50	lb/mmcf	1.44	84.00	lb/mmcf	14.47	84.00	lb/mmcf	14.47	84.00	lb/mmcf	14.47
	-	-	-	-	-	-	-	-	-	-	-	-
102												
103												
104												
105												
107												
108												
109												
125												
130												
132	5.50	lb/mmcf	0.05	84	lb/mmcf	0.54	84.00	lb/mmcf	0.54	84.00	lb/mmcf	0.54
						-						
134												
135												
137												
138												
139	5.50	lb/mmcf	0.03	84	lb/mmcf	0.29	84.00	lb/mmcf	0.29	84.00	lb/mmcf	0.29
						-						
140	5.50	lb/mmcf	0.03	84	lb/mmcf	0.29	84.00	lb/mmcf	0.29	84.00	lb/mmcf	0.29
						-						
141	5.50	lb/mmcf	0.03	84	lb/mmcf	0.29	84.00	lb/mmcf	0.29	84.00	lb/mmcf	0.29
						-						
145												
146												
147												
148												
150	5.50	lb/mmcf	0.05	84	lb/mmcf	0.54	84.00	lb/mmcf	0.54	84.00	lb/mmcf	0.54
						-						
151	5.50	lb/mmcf	0.05	84	lb/mmcf	0.54	84.00	lb/mmcf	0.54	84.00	lb/mmcf	0.54
						-						
152												
159	1.00	lb/1000 gal	0.06	7.5	lb/1000 gal	0.46	7.50	lb/1000 gal	0.46	7.50	lb/1000 gal	0.46
160												
161												
162	1.30	g/kw-hr	0.57	11.4	g/wk-hr	5.03	11.40	g/kw-hr	5.03	11.40	g/kw-hr	5.03
164	5.50	lb/mmcf	0.03	84	lb/mmcf	0.33	84.00	lb/mmcf	0.33	84.00	lb/mmcf	0.33
						-						

General Mills Allowables

Facility: Ger							
EIQ#: 92-90:							
EP	EF	Lead	HAPs (total)	EF	Formaldehyde	EF	N-Hexane
		0.00	2.19		0.09		2.10
			1.98				
1	0.00	0.00	0.32	0.075	0.01	1.8	0.31
	-	-	-	-	-	-	-
2	0.00	0.00	0.32	0.075	0.01	1.8	0.31
	-	-	-	-	-	-	-
102							
103							
104							
105							
107							
108							
109							
125							
130							
132			0.01	0.075	0.00	1.8	0.01
134							
135							
137							
138							
139			0.01	0.075	0.00	1.8	0.01
140			0.01	0.075	0.00	1.8	0.01
141			0.01	0.075	0.00	1.8	0.01
145							
146							
147							
148							
150			0.01	0.075	0.00	1.8	0.01
151			0.01	0.075	0.00	1.8	0.01
152							
159							
160							
161							
162			0.00	0.066	0.00		
164			0.01	0.075	0.00	1.8	0.01

General Mills Allowables

Facility: Ger																							
EIQ#: 92-90																							
PTE-Uncontrolled				PTE-Rule			PTE -EF			PTE-Uncontrolled			PTE-Rule			PTE -EF			PTE-Uncontrolled				
EP	EF	EF Units	TPY	EF	EF Units	TPY	EF	EF Units	TPY	EF	EF Units	TPY	EF	EF Units	TPY	EF	EF Units	TPY	EF	EF Units	TPY		
			732.90				129.64				66.62				759.69				0.62				0.62
166	0.019	lb/mmbtu	0.01	0.019	lb/mmbtu	0.01	0.019	lb/mmbtu	0.01	0.019	lb/mmbtu	0.01	500	ppmv	0.00	0.00	lb/mmbtu	0.00	0.00	lb/mmbtu	0.00		
167	0.54	g/kw-hr	0.24	0.54	g/KW-hr	0.24	0.540	g/kW-hr	0.24	0.540	g/kW-hr	0.24	15	ppmv	0.00	15.00	ppmv	0.00	15.00	ppmv	0.00		
168	0.004	gr/scf	3.69	0.20	lbs/hr	0.88	0.004	gr/scf	0.37	0.004	gr/scf	3.69											
169	0.004	gr/scf	1.29	0.07	lbs/hr	0.31	0.004	gr/scf	0.13	0.004	gr/scf	1.29											
170	0.003	gr/scf	6.06	0.46	lbs/hr	2.01	0.003	gr/scf	0.61	0.003	gr/scf	6.06											
171	0.021	gr/scf	52.32	1.74	lbs/hr	7.62	0.021	gr/scf	5.23	0.021	gr/scf	52.32											
172	7.60	lb/mmcf	0.05	7.60	lb/mmcf	0.05	7.600	lb/mmcf	0.05	7.600	lb/mmcf	0.05	0.6	lb/mmcf	0.003	0.600	lb/mmcf	0.003	0.600	lb/mmcf	0.003		
173	0.004	gr/scf	2.10	0.13	lbs/hr	0.57	0.004	gr/scf	0.21	0.004	gr/scf	2.10											
174	0.003	gr/scf	1.45	0.10	lbs/hr	0.44	0.003	gr/scf	0.14	0.003	gr/scf	1.45											
175	0.007	gr/scf	11.30	0.37	lbs/hr	1.62	0.007	gr/scf	1.13	0.007	gr/scf	11.30											
176	0.001	gr/scf	1.68	0.64	lbs/hr	2.80	0.001	gr/scf	0.17	0.001	gr/scf	1.68											
177	0.006	gr/scf	3.36	0.25	lbs/hr	1.10	0.006	gr/scf	0.34	0.006	gr/scf	3.36											
178	7.60	lb/mmcf	0.60	7.60	lb/mmcf	0.60	7.600	lb/mmcf	0.60	7.600	lb/mmcf	0.60	0.6	lb/mmcf	0.03	0.60	lb/mmcf	0.03	0.60	lb/mmcf	0.03		
179	0.70	lb/1000 gal	0.00	0.70	lb/1000 gal	0.00	0.700	lb/1000 gal	0.00	0.700	lb/1000 gal	0.00	0.1	lb/1000 gal	0.00	0.10	lb/1000 gal	0.00	0.10	lb/1000 gal	0.00		
180	0.007	gr/scf	22.17	1.98	lbs/hr	8.67	0.007	gr/scf	1.11	0.007	gr/scf	22.17											
181	0.019	lb/mmbtu	0.01	0.019	lb/mmbtu	0.01	0.019	lb/mmbtu	0.01	0.019	lb/mmbtu	0.01	500	ppmv	0.00	0.00	lb/mmbtu	0.00	0.00	lb/mmbtu	0.00		
182	0.003	gr/scf	11.79	0.33	lbs/hr	1.45	0.003	gr/scf	1.18	0.003	gr/scf	11.79											
183	0.004	gr/scf	4.20	0.05	lbs/hr	0.22	0.004	gr/scf	0.21	0.004	gr/scf	4.20											
184	0.310	lb/mmbtu	0.11	0.31	lb/mmbtu	0.11	0.310	lb/mmbtu	0.11	0.310	lb/mmbtu	0.11	0.29	lb/mmbtu	0.11	0.29	lb/mmbtu	0.11	0.29	lb/mmbtu	0.11		
200	0.001	gr/scf	9.54	0.58	lbs/hr	2.54	0.001	gr/scf	0.48	0.001	gr/scf	9.54											
305	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
306	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
308	0.002	gr/scf	13.67	1.33	lbs/hr	5.83	0.002	gr/scf	0.68	0.002	gr/scf	13.67											
309	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
346	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
348	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
310	0.004	gr/scf	4.15	0.05	lbs/hr	0.22	0.004	gr/scf	0.21	0.004	gr/scf	4.15											
313	7.60	lb/mmcf	1.60	7.60	lb/mmcf	1.60	7.600	lb/mmcf	1.60	7.600	lb/mmcf	1.60	0.6	lb/mmcf	0.09	0.60	lb/mmcf	0.09	0.60	lb/mmcf	0.09		
321	7.60	lb/mmcf	0.70	7.60	lb/mmcf	0.70	7.600	lb/mmcf	0.70	7.600	lb/mmcf	0.70	0.6	lb/mmcf	0.04	0.60	lb/mmcf	0.04	0.60	lb/mmcf	0.04		
322	7.60	lb/mmcf	0.70	7.60	lb/mmcf	0.70	7.600	lb/mmcf	0.70	7.600	lb/mmcf	0.70	0.6	lb/mmcf	0.04	0.60	lb/mmcf	0.04	0.60	lb/mmcf	0.04		
324	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
325	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
326	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
327	7.60	lb/mmcf	1.61	7.60	lb/mmcf	1.61	7.600	lb/mmcf	1.61	7.600	lb/mmcf	1.61	0.6	lb/mmcf	0.09	0.60	lb/mmcf	0.09	0.60	lb/mmcf	0.09		

General Mills Allowables

Facility: Ger															
EIQ#: 92-90															
NOx															
PTE-Rule				PTE -EF			PTE-Uncontrolled			PTE-Rule			PTE -EF		
EP	EF	EF Units	TPY	EF	EF Units	TPY	EF	EF Units	TPY	EF	EF Units	TPY	EF	EF Units	TPY
			235.00			158.37			158.37			237.32			237.91
166	2.21	lb/mmbtu	0.83	2.21	lb/mmbtu	0.83	2.21	lb/mmbtu	0.83	0.0296	lb/mmbtu	0.011	0.0296	lb/mmbtu	0.011
167	9.2	g/kw-hr	4.06	9.20	g/kw-hr	4.06	9.20	g/kw-hr	4.06	1.3	g/kw-hr	0.57	1.30	g/kw-hr	0.57
168															
169															
170															
171															
172	100	lb/mmcf	0.79	100.00	lb/mmcf	0.79	100.00	lb/mmcf	0.79	5.5	lb/mmcf	0.05	5.50	lb/mmcf	0.05
173															
174															
175															
176															
177															
178	100	lb/mmcf	7.73	100.00	lb/mmcf	9.52	100.00	lb/mmcf	9.52	5.5	lb/mmcf	0.65	5.50	lb/mmcf	0.65
179	13	lb/1000 gal	-	13.00	lb/1000 gal	0.00	13.00	lb/1000 gal	0.00	1.0	lb/1000 gal	0.00	1.00	lb/1000 gal	0.00
180															
181	2	g/HP-hr	0.40	2.00	g/HP-hr	0.40	2.00	g/HP-hr	0.40	1	g/HP-hr	0.20	1.00	g/HP-hr	0.20
182															
183															
184	4.41	lb/mmbtu	1.60	4.41	lb/mmbtu	1.60	4.41	lb/mmbtu	1.60	0.35	lb/mmbtu	0.13	0.35	lb/mmbtu	0.13
200															
305	-	-	-	-	-	-	-	-	-	Mass Balance	lbs	226.00	Mass Balance	lbs	226.00
306	-	-	-	-	-	-	-	-	-	Mass Balance	lbs	Bubble	Mass Balance	lbs	Bubble
308															
309	-	-	-	-	-	-	-	-	-	Mass Balance	lbs	Bubble			Bubble
346	-	-	-	-	-	-	-	-	-	Mass Balance	lbs	Bubble			Bubble
348	-	-	-	-	-	-	-	-	-	Mass Balance	lbs	Bubble			Bubble
	-	-	-	-	-	-	-	-	-	Mass Balance	lbs	Bubble			Bubble
310															
313	100.00	lb/mmcf	25.53	100.00	lb/mmcf	25.53	100.00	lb/mmcf	25.53	5.5	lb/mmcf	1.74	5.50	lb/mmcf	1.74
321	100.00	lb/mmcf	11.11	100.00	lb/mmcf	11.11	100.00	lb/mmcf	11.11	5.50	lb/mmcf	0.76	5.50	lb/mmcf	0.76
322	100.00	lb/mmcf	11.11	100.00	lb/mmcf	11.11	100.00	lb/mmcf	11.11	5.50	lb/mmcf	0.76	5.50	lb/mmcf	0.76
324	-	-	-	-	-	-	-	-	-	Mass Balance	lbs	Bubble			Bubble
325	-	-	-	-	-	-	-	-	-	Mass Balance	lbs	Bubble			Bubble
326	-	-	-	-	-	-	-	-	-	Mass Balance	lbs	Bubble			Bubble
327	100.00	lb/mmcf	25.55	100.00	lb/mmcf	25.55	100.00	lb/mmcf	25.55	5.50	lb/mmcf	1.14	5.50	lb/mmcf	1.74

General Mills Allowables

Facility: Ger												
EIQ#: 92-90:				CO								
PTE-Uncontrolled				PTE-Rule			PTE-EF			PTE-Uncontrolled		
EP	EF	EF Units	TPY	EF	EF Units	TPY	EF	EF Units	TPY	EF	EF Units	TPY
			237.91			113.55			113.55			113.55
166	0.0296	lb/mmbtu	0.011	3.72	lb/mmbtu	1.40	3.72	lb/mmbtu	1.40	3.72	lb/mmbtu	1.40
167	1.30	g/kw-hr	0.57	3.5	g/kw-hr	1.54	3.50	g/kw-hr	1.54	3.50	g/kw-hr	1.54
168												
169												
170												
171												
172	5.50	lb/mmcf	0.05	84	lb/mmcf	0.54	84.00	lb/mmcf	0.54	84.00	lb/mmcf	0.54
173												
174												
175												
176												
177												
178	5.50	lb/mmcf	0.65	84	lb/mmcf	6.51	84.00	lb/mmcf	6.51	84.00	lb/mmcf	6.51
179	1.00	lb/1000 gal	0.00	7.5	lb/1000 gal	0.00	7.50	lb/1000 gal	0.00	7.50	lb/1000 gal	0.00
180												
181	1.00	g/HP-hr	0.20	4	g/HP-hr	0.80	4.00	g/HP-hr	0.80	4.00	g/HP-hr	0.80
182												
183												
184	0.35	lb/mmbtu	0.13	0.95	lb/mmbtu	0.34	0.95	lb/mmbtu	0.34	0.95	lb/mmbtu	0.34
200												
305	Mass Balance	lbs	226.00	-	-	-						
306	Mass Balance	lbs	Bubble	-	-	-						
308												
309	Mass Balance	lbs	Bubble	-	-	-						
346	Mass Balance	lbs	Bubble	-	-	-						
348	Mass Balance	lbs	Bubble	-	-	-						
310												
313	5.50	lb/mmcf	1.74	84.00	lb/mmcf	17.46	84.00	lb/mmcf	17.46	84.00	lb/mmcf	17.46
321	5.50	lb/mmcf	0.76	84.00	lb/mmcf	7.60	84.00	lb/mmcf	7.60	84.00	lb/mmcf	7.60
322	5.50	lb/mmcf	0.76	84.00	lb/mmcf	7.60	84.00	lb/mmcf	7.60	84.00	lb/mmcf	7.60
324	Mass Balance	lbs	Bubble	-	-	-						
325	Mass Balance	lbs	Bubble	-	-	-						
326	Mass Balance	lbs	Bubble	-	-	-						
327	5.50	lb/mmcf	1.74	84.00	lb/mmcf	17.48	84.00	lb/mmcf	17.48	84.00	lb/mmcf	17.48

General Mills Allowables

Facility: Ger							
EIQ#: 92-90:							
EP	EF	Lead	HAPs (total)	EF	Formaldehyde	EF	N-Hexane
		0.00	2.19		0.09		2.10
166			0.00	0.075	0.00	1.8	0.00
167			0.00	0.066	0.00		
168							
169							
170							
171							
172			0.01	0.075	0.00	1.8	0.01
173							
174							
175							
176							
177							
178			0.14	0.075	0.01	1.8	0.14
179							
180							
181			0.00	0.075	0.00	1.8	0.00
182							
183							
184							
200							
305							
306							
308							
309							
346							
348							
310							
313	0.00	0.00	0.39	0.075	0.02	1.8	0.37
321			0.17	0.075	0.01	1.8	0.16
322			0.17	0.075	0.01	1.8	0.16
324							
325							
326							
327			0.39	0.075	0.02	1.8	0.37

General Mills Allowables

Facility: Ger							
EIQ#: 92-90:							
EP	EF	Lead	HAPs (total)	EF	Formaldehyde	EF	N-Hexane
		0.00	2.19		0.09		2.10
330			0.00	0.066	0.00		
339							
340							
344							
345				0.066	0.00		
346							
347				0.075	0.01	1.8	0.19
348							
400							
500							
501							
502							
600							
601							
602							
700							
701							
702							
703							
704							
705							
706							
707							
708							
709							
710							
711							
712							
713							
714							
715							
716							
717							
718							
719							
720							
721							
722							
723							
724							
725							
726							

General Mills Allowables

Facility: General M		8760	PM									PM10					
EIQ#: 92-9085		2000	PTE-Rule			PTE -EF			PTE-Uncontrolled			PTE-Rule			PTE -EF		
EP	EU	EU Description	EF	EF Units	TPY	EF	EF Units	TPY	EF	EF Units	TPY	EF	EF Units	TPY	EF	EF Units	TPY
					132.78			64.96			2194.28			129.84			64.93
727	727A	Bins	0.12	lbs/hr	0.53	0.004	gr/scf	0.53	0.004	gr/scf	52.56	0.12	lbs/hr	0.53	0.004	gr/scf	0.53
	727B	Receiver	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
728	728A	Bins	0.16	lbs/hr	0.70	0.004	gr/scf	0.69	0.004	gr/scf	69.08	0.16	lbs/hr	0.70	0.004	gr/scf	0.69
	728B	Bins	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
729	729	Receiver	0.02	lbs/hr	0.09	0.004	gr/scf	0.08	0.004	gr/scf	7.51	0.02	lbs/hr	0.09	0.004	gr/scf	0.08
730	730	Receiver	0.02	lbs/hr	0.09	0.004	gr/scf	0.08	0.004	gr/scf	7.51	0.02	lbs/hr	0.09	0.004	gr/scf	0.08
731	731	Receiver	0.02	lbs/hr	0.09	0.004	gr/scf	0.08	0.004	gr/scf	7.51	0.02	lbs/hr	0.09	0.004	gr/scf	0.08
732	732	Receiver	0.02	lbs/hr	0.09	0.004	gr/scf	0.08	0.004	gr/scf	7.51	0.02	lbs/hr	0.09	0.004	gr/scf	0.08
733	733	Hopper	0.09	lbs/hr	0.38	0.004	gr/scf	0.02	0.004	gr/scf	1.50	0.003	lbs/hr	0.01	0.004	gr/scf	0.02
734	734	Hopper	0.09	lbs/hr	0.38	0.004	gr/scf	0.02	0.004	gr/scf	1.50	0.003	lbs/hr	0.01	0.004	gr/scf	0.02
735	735	Hopper	0.09	lbs/hr	0.38	0.004	gr/scf	0.02	0.004	gr/scf	1.50	0.003	lbs/hr	0.01	0.004	gr/scf	0.02
736	736	Hopper	0.01	lbs/hr	0.04	0.004	gr/scf	0.00	0.004	gr/scf	0.15	0.0003	lbs/hr	0.00	0.004	gr/scf	0.00
737	737	Multiple Pickups	0.17	lbs/hr	0.74	0.004	gr/scf	0.75	0.004	gr/scf	75.09	0.17	lbs/hr	0.74	0.004	gr/scf	0.75
738	738	Hopper	0.09	lbs/hr	0.38	0.004	gr/scf	0.02	0.004	gr/scf	1.50	0.003	lbs/hr	0.01	0.004	gr/scf	0.02
739	739	Weigh Station	0.02	lbs/hr	0.09	0.004	gr/scf	0.08	0.004	gr/scf	8.41	0.02	lbs/hr	0.09	0.004	gr/scf	0.08
740	740	Bead Blaster	0.03	lbs/hr	0.13	0.004	gr/scf	0.13	0.004	gr/scf	12.76	0.03	lbs/hr	0.13	0.004	gr/scf	0.13
741	741	Receiver	0.16	lbs/hr	0.70	0.004	gr/scf	0.72	0.004	gr/scf	72.08	0.16	lbs/hr	0.70	0.004	gr/scf	0.72
742	742	Grinder	0.07	lbs/hr	0.31	0.004	gr/scf	0.30	0.004	gr/scf	30.03	0.07	lbs/hr	0.31	0.004	gr/scf	0.30
744	744	Receiver	0.04	lbs/hr	0.18	0.004	gr/scf	0.19	0.004	gr/scf	18.83	0.04	lbs/hr	0.18	0.004	gr/scf	0.19
745	745	Cereal Blending System	0.12	lbs/hr	0.53	0.004	gr/scf	0.53	0.004	gr/scf	52.56	0.12	lbs/hr	0.53	0.004	gr/scf	0.53
746	746	RTC Filter & Hopper	0.01	lbs/hr	0.04	0.005	gr/scf	0.05	0.005	gr/scf	5.07	0.01	lbs/hr	0.04	0.005	gr/scf	0.05
	747A	Baggers 1	0.06	lbs/hr	0.26	0.004	gr/scf	0.24	0.004	gr/scf	24.12	0.06	lbs/hr	0.26	0.004	gr/scf	0.24
	747B	Baggers 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	747C	Baggers 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	747D	Baggers 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	747E	Baggers 5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	747F	Baggers 6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
748	748A	Conveyors	0.21	lbs/hr	0.92	0.005	gr/scf	0.94	0.005	gr/scf	93.86	0.21	lbs/hr	0.92	0.005	gr/scf	0.94
	748B	Fillers (3)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
749	749A	Baggers (3)	0.13	lbs/hr	0.57	0.005	gr/scf	0.56	0.005	gr/scf	56.31	0.13	lbs/hr	0.57	0.005	gr/scf	0.56
	748B	Baggers (3)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
800	800	Receiver	0.05	lbs/hr	0.22	0.004	gr/scf	0.23	0.004	gr/scf	22.53	0.05	lbs/hr	0.22	0.004	gr/scf	0.23
801	801	Receiver	0.03	lbs/hr	0.13	0.004	gr/scf	0.13	0.004	gr/scf	13.16	0.03	lbs/hr	0.13	0.004	gr/scf	0.13
802	802	Receiver	0.03	lbs/hr	0.13	0.004	gr/scf	0.13	0.004	gr/scf	12.94	0.03	lbs/hr	0.13	0.004	gr/scf	0.13
803	803	Dust Collector	0.26	lbs/hr	1.14	0.004	gr/scf	1.12	0.004	gr/scf	111.53	0.26	lbs/hr	1.14	0.004	gr/scf	1.12
804	804	Bag Dump	0.03	lbs/hr	0.13	0.004	gr/scf	0.13	0.004	gr/scf	12.94	0.03	lbs/hr	0.13	0.004	gr/scf	0.13
805	805	Receiver	0.02	lbs/hr	0.09	0.004	gr/scf	0.09	0.004	gr/scf	9.37	0.02	lbs/hr	0.09	0.004	gr/scf	0.09
806	806	Vacuum System	0.04	lbs/hr	0.18	0.004	gr/scf	0.18	0.004	gr/scf	17.96	0.04	lbs/hr	0.18	0.004	gr/scf	0.18
807	807	Starch Receiver	0.04	lbs/hr	0.18	0.004	gr/scf	0.15	0.004	gr/scf	15.02	0.04	lbs/hr	0.18	0.004	gr/scf	0.15
808	808	Starch Hopper	0.17	lbs/hr	0.75	0.005	gr/scf	0.04	0.005	gr/scf	3.75	0.007	lbs/hr	0.03	0.005	gr/scf	0.04
809	809	Unloader	0.04	lbs/hr	0.18	0.005	gr/scf	0.15	0.005	gr/scf	15.02	0.04	lbs/hr	0.18	0.005	gr/scf	0.15
810	810	Bin	0.03	lbs/hr	0.13	0.005	gr/scf	0.01	0.005	gr/scf	0.66	0.03	lbs/hr	0.13	0.005	gr/scf	0.01
811	811	Blender	0.03	lbs/hr	0.13	0.005	gr/scf	0.11	0.005	gr/scf	11.04	0.03	lbs/hr	0.13	0.005	gr/scf	0.11
812	812	Vacuum Receiver	0.48	lbs/hr	2.09	0.005	gr/scf	0.10	0.005	gr/scf	10.47	0.48	lbs/hr	2.09	0.005	gr/scf	0.10
Notes:																	
PM2.5 emissions are conservatively high. GM assumes PM10=PM2.5 and does not utilize AP-42 particle sizing.																	
Combustion sources PM and SO2 PTE -Rule are based on AP-42/Webfire emission factors for natural gas unless a lb/hr limit is established in the permit in lieu of default Linn County allowables.																	
Periodic Monitoring Guidance																	
Major = Red																	
Significant = Blue																	
Insignificant = black																	
lb/hr limits could be set equal or higher than EF lb/hr. If a source operates 8,760 hours/year would violate the tpy equivalent. This is a rounding issue.																	

General Mills Allowables

Facility: Ger																					
EIQ#: 92-90																					
PTE-Uncontrolled				PTE-Rule			PM2.5 PTE -EF			PTE-Uncontrolled			PTE-Rule			SO2 PTE -EF			PTE-Uncontrolled		
EP	EF	EF Units	TPY	EF	EF Units	TPY	EF	EF Units	TPY	EF	EF Units	TPY	EF	EF Units	TPY	EF	EF Units	TPY	EF	EF Units	TPY
			732.90			129.64			66.62			759.69			0.62			0.62			0.62
727	0.004	gr/scf	10.51	0.08	lbs/hr	0.35	0.004	gr/scf	0.53	0.004	gr/scf	10.51									
	-	-	-	-	-	-	-	-	-	-	-	-									
728	0.004	gr/scf	13.82	0.16	lbs/hr	0.70	0.004	gr/scf	0.69	0.004	gr/scf	13.82									
	-	-	-	-	-	-	-	-	-	-	-	-									
729	0.004	gr/scf	1.50	0.02	lbs/hr	0.09	0.004	gr/scf	0.08	0.004	gr/scf	1.50									
730	0.004	gr/scf	1.50	0.02	lbs/hr	0.09	0.004	gr/scf	0.08	0.004	gr/scf	1.50									
731	0.004	gr/scf	1.50	0.02	lbs/hr	0.09	0.004	gr/scf	0.08	0.004	gr/scf	1.50									
732	0.004	gr/scf	1.50	0.02	lbs/hr	0.09	0.004	gr/scf	0.08	0.004	gr/scf	1.50									
733	0.004	gr/scf	0.30	0.00	lbs/hr	0.01	0.004	gr/scf	0.02	0.004	gr/scf	0.30									
734	0.004	gr/scf	0.30	0.00	lbs/hr	0.01	0.004	gr/scf	0.02	0.004	gr/scf	0.30									
735	0.004	gr/scf	0.30	0.00	lbs/hr	0.01	0.004	gr/scf	0.02	0.004	gr/scf	0.30									
736	0.004	gr/scf	0.03	0.000	lbs/hr	0.00	0.004	gr/scf	0.00	0.004	gr/scf	0.03									
737	0.004	gr/scf	15.02	0.17	lbs/hr	0.74	0.004	gr/scf	0.75	0.004	gr/scf	15.02									
738	0.004	gr/scf	0.30	0.00	lbs/hr	0.01	0.004	gr/scf	0.02	0.004	gr/scf	0.30									
739	0.004	gr/scf	1.68	0.02	lbs/hr	0.09	0.004	gr/scf	0.08	0.004	gr/scf	1.68									
740	0.004	gr/scf	2.55	0.03	lbs/hr	0.13	0.004	gr/scf	0.13	0.004	gr/scf	2.55									
741	0.004	gr/scf	14.42	0.16	lbs/hr	0.70	0.004	gr/scf	0.72	0.004	gr/scf	14.42									
742	0.004	gr/scf	6.01	0.07	lbs/hr	0.31	0.004	gr/scf	0.30	0.004	gr/scf	6.01									
744	0.004	gr/scf	3.77	0.04	lbs/hr	0.18	0.004	gr/scf	0.19	0.004	gr/scf	3.77									
745	0.004	gr/scf	10.51	0.12	lbs/hr	0.53	0.004	gr/scf	0.53	0.004	gr/scf	10.51									
746	0.005	gr/scf	1.01	0.01	lbs/hr	0.04	0.005	gr/scf	0.05	0.005	gr/scf	1.01									
	0.004	gr/scf	4.82	0.06	lbs/hr	0.26	0.004	gr/scf	0.24	0.004	gr/scf	4.82									
	-	-	-	-	-	-	-	-	-	-	-	-									
747	-	-	-	-	-	-	-	-	-	-	-	-									
	-	-	-	-	-	-	-	-	-	-	-	-									
	-	-	-	-	-	-	-	-	-	-	-	-									
	-	-	-	-	-	-	-	-	-	-	-	-									
748	0.005	gr/scf	18.77	0.21	lbs/hr	0.92	0.005	gr/scf	0.94	0.005	gr/scf	18.77									
	-	-	-	-	-	-	-	-	-	-	-	-									
749	0.005	gr/scf	11.26	0.13	lbs/hr	0.57	0.005	gr/scf	0.56	0.005	gr/scf	11.26									
	-	-	-	-	-	-	-	-	-	-	-	-									
800	0.004	gr/scf	4.51	0.05	lbs/hr	0.22	0.004	gr/scf	0.23	0.004	gr/scf	4.51									
801	0.004	gr/scf	2.63	0.03	lbs/hr	0.13	0.004	gr/scf	0.13	0.004	gr/scf	2.63									
802	0.004	gr/scf	2.59	0.03	lbs/hr	0.13	0.004	gr/scf	0.13	0.004	gr/scf	2.59									
803	0.004	gr/scf	22.31	0.26	lbs/hr	1.14	0.004	gr/scf	1.12	0.004	gr/scf	22.31									
804	0.004	gr/scf	2.59	0.03	lbs/hr	0.13	0.004	gr/scf	0.13	0.004	gr/scf	2.59									
805	0.004	gr/scf	1.87	0.02	lbs/hr	0.09	0.004	gr/scf	0.09	0.004	gr/scf	1.87									
806	0.004	gr/scf	3.59	0.04	lbs/hr	0.18	0.004	gr/scf	0.18	0.004	gr/scf	3.59									
807	0.004	gr/scf	3.00	0.04	lbs/hr	0.18	0.004	gr/scf	0.15	0.004	gr/scf	3.00									
808	0.005	gr/scf	0.75	0.007	lbs/hr	0.03	0.005	gr/scf	0.04	0.005	gr/scf	0.75									
809	0.005	gr/scf	3.00	0.04	lbs/hr	0.18	0.005	gr/scf	0.15	0.005	gr/scf	3.00									
810	0.005	gr/scf	0.13	0.03	lbs/hr	0.13	0.005	gr/scf	0.01	0.005	gr/scf	0.13									
811	0.005	gr/scf	2.21	0.03	lbs/hr	0.13	0.005	gr/scf	0.11	0.005	gr/scf	2.21									
812	0.005	gr/scf	2.09	0.48	lbs/hr	2.09	0.005	gr/scf	0.10	0.005	gr/scf	2.09									
Notes:																					
PM2.5 emiss																					
Combustion																					
Periodic Mor																					
Major = Red																					
Significant =																					
Insignificant																					
lb/hr limits c																					

General Mills Allowables

Facility: Ger															
EIQ#: 92-90															
NOx										VOC					
PTE-Rule			PTE -EF			PTE-Uncontrolled			PTE-Rule			PTE -EF			
EP	EF	EF Units	TPY	EF	EF Units	TPY	EF	EF Units	TPY	EF	EF Units	TPY	EF	EF Units	TPY
			235.00			158.37			158.37			237.32			237.91
727															
728															
729															
730															
731															
732															
733															
734															
735															
736															
737															
738															
739															
740															
741															
742															
744															
745															
746															
747															
748															
749															
800															
801															
802															
803															
804															
805															
806															
807															
808															
809															
810															
811															
812															
Notes:															
PM2.5 emiss															
Combustion															
Periodic Mor															
Major = Red															
Significant =															
Insignificant															
lb/hr limits c															

General Mills Allowables

Facility: Ger												
EIQ#: 92-90:				CO								
PTE-Uncontrolled				PTE-Rule			PTE -EF			PTE-Uncontrolled		
EP	EF	EF Units	TPY	EF	EF Units	TPY	EF	EF Units	TPY	EF	EF Units	TPY
			237.91			113.55			113.55			113.55
727												
728												
729												
730												
731												
732												
733												
734												
735												
736												
737												
738												
739												
740												
741												
742												
744												
745												
746												
747												
748												
749												
800												
801												
802												
803												
804												
805												
806												
807												
808												
809												
810												
811												
812												
Notes:												
PM2.5 emiss												
Combustion												
Periodic Mor												
Major = Red												
Significant =												
Insignificant												
lb/hr limits c												

General Mills Allowables

Facility: Ger							
EIQ#: 92-90							
EP	EF	Lead	HAPs (total)	EF	CAS 50000 Formaldehyde	EF	CAS 110543 N-Hexane
		0.00	2.19		0.09		2.10
727							
728							
729							
730							
731							
732							
733							
734							
735							
736							
737							
738							
739							
740							
741							
742							
744							
745							
746							
747							
748							
749							
800							
801							
802							
803							
804							
805							
806							
807							
808							
809							
810							
811							
812							
Notes:							
PM2.5 emiss							
Combustion							
Periodic Mor							
Major = Red							
Significant =							
Insignificant							
lb/hr limits c							

PTE-Combustion

Facility: General Mills												
EIQ#: 92-9085												
Propane												
								PM				
EP	EU	Description	Raw Material	Control Equipment	SCC	Units for Capacity	Rated Capacity	EF (lb/1000 gal)	PTE (tpy)	Limit (tpy)	EF	
1	001B	Boiler #1	Propane	none	10201002	MMBtu/hr	40	0.7	1.36	0.68	0.7	
2	002B	Boiler #2	Propane	none	10201002	MMBtu/hr	40	0.7	1.36	0.68	0.7	
132	132B	Gas Fired Preheater	Propane	none	10201002	MMBtu/hr	1.5	0.7	0.05	0.03	0.7	
139	139B	Gas Fired Preheater	Propane	none	10201002	MMBtu/hr	0.8	0.7	0.03	0.01	0.7	
140	140B	Gas Fired Preheater	Propane	none	10201002	MMBtu/hr	0.8	0.7	0.03	0.01	0.7	
141	141B	Gas Fired Preheater	Propane	none	10201002	MMBtu/hr	0.8	0.7	0.03	0.01	0.7	
150	150B	Gas Fired Preheater	Propane	none	10201002	MMBtu/hr	1.5	0.7	0.05	0.03	0.7	
151	151B	Gas Fired Preheater	Propane	none	10201002	MMBtu/hr	1.5	0.7	0.05	0.03	0.7	
159	159	Propane Gas Feeder Vaporizer	Propane Only	none	10201002	MMBtu/hr	2.52	0.7	0.09	0.04	0.7	
164	164B	Gas Fired Preheater	Propane	none	10201002	MMBtu/hr	0.9	0.7	0.03	0.02	0.7	
166	166B	Shop Emergency Generator	Propane	none	10201002	MMBtu/hr	1.508	0.7	0.00	0.00	0.7	
172	172B	Gas Fired Preheater	Propane	none	10201002	MMBtu/hr	1.5	0.7	0.05	0.03	0.7	
178	178	Water Heater	Propane	none	10201002	MMBtu/hr	18	0.7	0.61	0.30	0.7	
179	179	Propane Burner	Propane Only	none	10201002	MMBtu/hr	0.5	0.7	0.00	0.00	0.7	
181	181	MCC Emergency Generator (NATURAL GAS only)						-	-	-	-	
313	313B	Boiler #3	Propane	none	10201002	MMBtu/hr	48.25	0.7	1.63	0.82	0.7	
321	321B	Water Heater	Propane	none	10201002	MMBtu/hr	21	0.7	0.71	0.35	0.7	
322	322B	Water Heater	Propane	none	10201002	MMBtu/hr	21	0.7	0.71	0.35	0.7	
327	327B	Boiler #4	Propane	none	10201002	MMBtu/hr	48.3	0.7	1.64	0.82	0.7	
347	347	Boiler 5 (ONLY COMBUSTS NATURAL GAS)						-	-	-	-	
							250.378		8.42	4.20		
				Gallons	MF							
				Limit	12000000.00	0.499						
				PTE	24050002.21							
Natural Gas												
								PM				
EP	EU	Description	Fuel	Control Equipment	SCC	Units for Capacity	Rated Capacity	EF (lb/mmcf)	PTE (tpy)	Limit (tpy)	EF (lb/mmcf)	
1	001A	Boiler #1	Natural Gas	none	10200602	MMBtu/hr	40	7.6	1.31	0.65	7.6	
2	002A	Boiler #2	Natural Gas	none	10200602	MMBtu/hr	40	7.6	1.31	0.65	7.6	
132	132A	Gas Fired Preheater	Natural Gas	none	10200603	MMBtu/hr	1.5	7.6	0.05	0.02	7.6	
139	139A	Gas Fired Preheater	Natural Gas	none	10200603	MMBtu/hr	0.8	7.6	0.03	0.01	7.6	
140	140A	Gas Fired Preheater	Natural Gas	none	10200603	MMBtu/hr	0.8	7.6	0.03	0.01	7.6	
141	141A	Gas Fired Preheater	Natural Gas	none	10200603	MMBtu/hr	0.8	7.6	0.03	0.01	7.6	
150	150A	Gas Fired Preheater	Natural Gas	none	10200603	MMBtu/hr	1.5	7.6	0.05	0.02	7.6	
151	151A	Gas Fired Preheater	Natural Gas	none	10200603	MMBtu/hr	1.5	7.6	0.05	0.02	7.6	
159	159	Propane Gas Feeder Vaporizer	Propane	none	10201002	MMBtu/hr	2.52	-	-	-	-	
164	164A	Gas Fired Preheater	Natural Gas	none	10200603	MMBtu/hr	0.9	7.6	0.03	0.01	7.6	
166	166A	Shop Emergency Generator	Natural Gas	none	10200603	MMBtu/hr	1.508	0.019	0.01	0.00	0.019	
172	172A	Gas Fired Preheater	Natural Gas	none	10200603	MMBtu/hr	1.5	7.6	0.05	0.02	7.6	
178	178	Water Heater	Natural Gas	none	10200603	MMBtu/hr	18	7.6	0.59	0.29	7.6	
179	179	Propane Burner	Propane	none	10201002	MMBtu/hr	0.5	-	-	-	-	
181	181	MCC Emergency Generator 200 KW Natural Gas	Natural Gas	Catalytic Converter	10201002	MMBtu/hr	2.58	0.019	0.01	0.01	0.019	
313	313A	Boiler #3	Natural Gas	none	10200602	MMBtu/hr	48.25	7.6	1.57	0.79	7.6	
321	321A	Water Heater	Natural Gas	none	10200603	MMBtu/hr	21	7.6	0.69	0.34	7.6	
322	322A	Water Heater	Natural Gas	none	10200603	MMBtu/hr	21	7.6	0.69	0.34	7.6	
327	327A	Boiler #4	Natural Gas	none	10200602	MMBtu/hr	48.3	7.6	1.58	0.79	7.6	
347	347	Boiler 5	Natural Gas	none	10200602	MMBtu/hr	25	7.6	0.82	0.82	7.6	
							277.958		8.86	4.85		

PTE-Combustion

Facility: General Mills						
EIQ#: 92-9085						
Propane		PM10		PM2.5		
EP	EU	PTE (tpy)	Limit (tpy)	EF	PTE (tpy)	Limit (tpy)
1	001B	1.36	0.68	0.70	1.36	0.68
2	002B	1.36	0.68	0.70	1.36	0.68
132	132B	0.05	0.03	0.70	0.05	0.03
139	139B	0.03	0.01	0.70	0.03	0.01
140	140B	0.03	0.01	0.70	0.03	0.01
141	141B	0.03	0.01	0.70	0.03	0.01
150	150B	0.05	0.03	0.70	0.05	0.03
151	151B	0.05	0.03	0.70	0.05	0.03
159	159	0.09	0.04	0.70	0.09	0.04
164	164B	0.03	0.02	0.70	0.03	0.02
166	166B	0.00	0.00	0.70	0.00	0.00
172	172B	0.05	0.03	0.70	0.05	0.03
178	178	0.61	0.30	0.70	0.61	0.30
179	179	0.00	0.00	0.70	0.00	0.00
181	181	-	-	-	-	-
313	313B	1.63	0.82	0.70	1.63	0.82
321	321B	0.71	0.35	0.70	0.71	0.35
322	322B	0.71	0.35	0.70	0.71	0.35
327	327B	1.64	0.82	0.70	1.64	0.82
347	347	-	-	-	-	-
		8.42	4.20		8.42	4.20
Natural Gas		PM10		PM2.5		
EP	EU	PTE (tpy)	Limit (tpy)	EF (lb/mmcf)	PTE (tpy)	Limit (tpy)
1	001A	1.31	0.65	7.60	1.31	0.65
2	002A	1.31	0.65	7.60	1.31	0.65
132	132A	0.05	0.02	7.60	0.05	0.02
139	139A	0.03	0.01	7.60	0.03	0.01
140	140A	0.03	0.01	7.60	0.03	0.01
141	141A	0.03	0.01	7.60	0.03	0.01
150	150A	0.05	0.02	7.60	0.05	0.02
151	151A	0.05	0.02	7.60	0.05	0.02
159	159	-	-	-	-	-
164	164A	0.03	0.01	7.60	0.03	0.01
166	166A	0.01	0.00	0.019	0.01	0.00
172	172A	0.05	0.02	7.60	0.05	0.02
178	178	0.59	0.29	7.60	0.59	0.29
179	179	-	-	-	-	-
181	181	0.01	0.01	0.019	0.01	0.01
313	313A	1.57	0.79	7.60	1.57	0.79
321	321A	0.69	0.34	7.60	0.69	0.34
322	322A	0.69	0.34	7.60	0.69	0.34
327	327A	1.58	0.79	7.60	1.58	0.79
347	347	0.82	0.82	7.60	0.82	0.82
		8.86	4.85		8.86	4.85

PTE-Combustion

Facility: General Mills																
EIQ#: 92-9085																
Propane		SO2			NOx			VOC			CO					
EP	EU	EF	PTE (tpy)	Limit (tpy)	EF	PTE (tpy)	Limit (tpy)	EF	PTE (tpy)	Limit (tpy)	EF	PTE (tpy)	Limit (tpy)	Gallons - PTE	Gallons - Limit	
1	001B	0.02	0.04	0.02	13	25.17	12.56	1.0	1.94	0.97	7.5	14.52	7.24	3871823	1931887	
2	002B	0.02	0.04	0.02	13	25.17	12.56	1.0	1.94	0.97	7.5	14.52	7.24	3871823	1931887	
132	132B	0.02	0.001	0.00	13	0.94	0.47	1.0	0.07	0.04	7.5	0.54	0.27	145193	72446	
139	139B	0.02	0.001	0.00	13	0.50	0.25	1.0	0.04	0.02	7.5	0.29	0.14	77436	38638	
140	140B	0.02	0.001	0.00	13	0.50	0.25	1.0	0.04	0.02	7.5	0.29	0.14	77436	38638	
141	141B	0.02	0.001	0.00	13	0.50	0.25	1.0	0.04	0.02	7.5	0.29	0.14	77436	38638	
150	150B	0.02	0.001	0.00	13	0.94	0.47	1.0	0.07	0.04	7.5	0.54	0.27	145193	72446	
151	151B	0.02	0.001	0.00	13	0.94	0.47	1.0	0.07	0.04	7.5	0.54	0.27	145193	72446	
159	159	0.02	0.00	0.00	13	1.59	0.79	1.0	0.12	0.06	7.5	0.91	0.46	243925	121709	
164	164B	0.02	0.00	0.00	13	0.57	0.28	1.0	0.04	0.02	7.5	0.33	0.16	87116	43467	
166	166B	0.02	0.00	0.00	13	0.05	0.03	1.0	0.00	0.00	7.5	0.03	0.02	8331	4157	
172	172B	0.02	0.00	0.001	13	0.94	0.47	1.0	0.07	0.036	7.5	0.54	0.27	145193	72446	
178	178	0.02	0.02	0.01	13	11.33	5.65	1.0	0.87	0.43	7.5	6.53	3.26	1742320	869349	
179	179	0.02	0.00	0.00	13	0.00	0.00	1.0	0.00	0.00	7.5	0.00	0.00	552	276	
181	181	-	-	-	-	-	-	-	-	-	-	-	-	0	0	
313	313B	0.02	0.05	0.02	13	30.36	15.15	1.0	2.34	1.17	7.5	17.51	8.74	4670387	2330338	
321	321B	0.02	0.02	0.01	13	13.21	6.59	1.0	1.02	0.51	7.5	7.62	3.80	2032707	1014240	
322	322B	0.02	0.02	0.01	13	13.21	6.59	1.0	1.02	0.51	7.5	7.62	3.80	2032707	1014240	
327	327B	0.02	0.05	0.02	13	30.39	15.16	1.0	2.34	1.17	7.5	17.53	8.75	4675227	2332753	
347	347	-	-	-	-	-	-	-	-	-	-	-	-	0	0	
			0.25	0.12		156.33	78.00		12.03	6.00		90.19	45.00	24050002	12000000	
Natural Gas		SO2			NOx			VOC			CO			Hexane		
EP	EU	EF (lb/mmcf)	PTE (tpy)	Limit (tpy)	EF (lb/mmcf)	PTE (tpy)	Limit (tpy)	EF (lb/mmcf)	PTE (tpy)	Limit (tpy)	EF (lb/mmcf)	PTE (tpy)	Limit (tpy)	EF	PTE (tpy)	
1	001A	0.6	0.10	0.05	100	17.18	8.61	5.5	0.94	0.47	84	14.43	7.23	1.8	0.31	
2	002A	0.6	0.10	0.05	100	17.18	8.61	5.5	0.94	0.47	84	14.43	7.23	1.8	0.31	
132	132A	0.6	0.00	0.00	100	0.64	0.32	5.5	0.04	0.02	84	0.54	0.27	1.8	0.01	
139	139A	0.6	0.00	0.00	100	0.34	0.17	5.5	0.02	0.01	84	0.29	0.14	1.8	0.01	
140	140A	0.6	0.00	0.00	100	0.34	0.17	5.5	0.02	0.01	84	0.29	0.14	1.8	0.01	
141	141A	0.6	0.00	0.00	100	0.34	0.17	5.5	0.02	0.01	84	0.29	0.14	1.8	0.01	
150	150A	0.6	0.00	0.00	100	0.64	0.32	5.5	0.04	0.02	84	0.54	0.27	1.8	0.01	
151	151A	0.6	0.00	0.00	100	0.64	0.32	5.5	0.04	0.02	84	0.54	0.27	1.8	0.01	
159	159	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
164	164A	0.6	0.00	0.00	100	0.39	0.19	5.5	0.02	0.01	84	0.32	0.16	1.8	0.01	
166	166A	0.0	0.00	0.00	2	0.83	0.42	0.03	0.01	0.01	3.72	1.40	0.70	1.8	0.01	
172	172A	0.6	0.00	0.00	100	0.64	0.32	5.50	0.04	0.02	84.00	0.54	0.27	1.8	0.01	
178	178	0.6	0.05	0.02	100	7.73	3.87	5.50	0.43	0.21	84.00	6.49	3.25	1.8	0.00	
179	179	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
181	181	0.0	0.00	0.00	2	0.40	0.40	1	0.20	0.20	4	0.80	0.80	1.8	0.02	
313	313A	0.6	0.12	0.06	100	20.72	10.38	5.50	1.14	0.57	84.00	17.40	8.72	1.8	0.37	
321	321A	0.6	0.05	0.03	100	9.02	4.52	5.50	0.50	0.25	84.00	7.57	3.80	1.8	0.16	
322	322A	0.6	0.05	0.03	100	9.02	4.52	5.50	0.50	0.25	84.00	7.57	3.80	1.8	0.16	
327	327A	0.6	0.12	0.06	100	20.74	10.39	5.50	1.14	0.57	84.00	17.42	8.73	1.8	0.37	
347	347	0.6	0.06	0.06	100	10.74	10.74	5.50	0.59	0.59	84.00	9.02	9.02	1.8	0.19	
			0.70	0.38		117.54	64.45		6.61	3.71		99.90	54.96		1.99	

PTE-Combustion

Facility: General Mills							
EIQ#: 92-9085							
Propane							
EP	EU						
1	001B						
2	002B						
132	132B						
139	139B						
140	140B						
141	141B						
150	150B						
151	151B						
159	159						
164	164B						
166	166B						
172	172B						
178	178						
179	179						
181	181						
313	313B						
321	321B						
322	322B						
327	327B						
347	347						
Natural Gas		Formaldehyde					
EP	EU	EF	PTE (tpy)				
1	001A	0.075	0.01				
2	002A	0.075	0.01				
132	132A	0.075	0.00				
139	139A	0.075	0.00				
140	140A	0.075	0.00				
141	141A	0.075	0.00				
150	150A	0.075	0.00				
151	151A	0.075	0.00				
159	159						
164	164A	0.075	0.00				
166	166A	0.075	0.00				
172	172A	0.075	0.00				
178	178	0.075	0.01				
179	179						
181	181	0.075	0.00				
313	313A	0.075	0.02				
321	321A	0.075	0.01				
322	322A	0.075	0.01				
327	327A	0.075	0.02				
347	347	0.075	0.01				
			0.09				

PTE-Combustion

Facility: General Mills												
EIQ#: 92-9085												
Natural Gas & Propane												
								PM				
EP	EU	Description	Fuel	Control Equipment	SCC	Units for Capacity	Rated Capacity		Natural Gas Only	Propane + Nat'l Gas		
1	001A/B	Boiler #1	Propane	none	10201002	MMBtu/hr	40		1.31	1.33		
2	002A/B	Boiler #2	Propane	none	10201002	MMBtu/hr	40		1.31	1.33		
132	132A/B	Gas Fired Preheater	Propane	none	10201002	MMBtu/hr	1.5		0.05	0.05		
139	139A/B	Gas Fired Preheater	Propane	none	10201002	MMBtu/hr	0.8		0.03	0.03		
140	140A/B	Gas Fired Preheater	Propane	none	10201002	MMBtu/hr	0.8		0.03	0.03		
141	141A/B	Gas Fired Preheater	Propane	none	10201002	MMBtu/hr	0.8		0.03	0.03		
150	150A/B	Gas Fired Preheater	Propane	none	10201002	MMBtu/hr	1.5		0.05	0.05		
151	151A/B	Gas Fired Preheater	Propane	none	10201002	MMBtu/hr	1.5		0.05	0.05		
159	159	Propane Gas Feeder Vaporizer	Propane	none	10201002	MMBtu/hr	2.52		-	0.04		
164	164A/B	Gas Fired Preheater	Propane	none	10201002	MMBtu/hr	0.9		0.03	0.03		
166	166A/B	Shop Emergency Generator	Propane	none	10201002	MMBtu/hr	1.4		0.01	0.005		
172	172	Gas Fired Preheater	Propane	none	10201002	MMBtu/hr	1.5		0.05	0.05		
178	178	Water Heater	Propane	none	10201002	MMBtu/hr	18		0.59	0.60		
179	179	Propane Burner	Propane	none	10201002	MMBtu/hr	0.5		-	0.000		
181	181	MCC Emergency Generator 200 KW Natural Gas	Natural Gas	none	10201002	MMBtu/hr	2.58		0.01	0.015		
313	313A/B	Boiler #3	Propane	none	10201002	MMBtu/hr	48.25		1.57	1.60		
321	321A/B	Water Heater	Propane	none	10201002	MMBtu/hr	21		0.69	0.70		
322	322A/B	Water Heater	Propane	none	10201002	MMBtu/hr	21		0.69	0.70		
327	327A/B	Boiler #4	Propane	none	10201002	MMBtu/hr	48.30		1.58	1.61		
347	347	Boiler 5	Natural Gas	none	10200602	MMBtu/hr	25.00		0.82	0.82		
							277.85		8.86	9.05		
Can run on:	1. Natural gas only											
	2. Propane (0.496) + natural gas (0.504)											
							Diesel Heating Value					
Emission factors for EP 162 and 330 are derived from 40 CFR Part 1039, Appendix I Table 1, Emission Standards.							137,000	BTU/gallon				
EP 167 and 345 emission factors are from NSPS Subpart IIII - 60.4205(a)												
Diesel Fuel												
		Description	Fuel	Control Equipment	SCC	Gallons per hour	MMBtu/hr	EF	EF Units	tpy	EF	
162	162	Emergency Generator - 800 kW	Diesel Fuel	none	20200401	58.6	8.03	0.54	g/kw-hr	0.24	0.54	
167	167	Emergency Diesel Generator 800 kW	Diesel Fuel	none	20200401	58.9	8.07	0.54	g/kw-hr	0.24	0.54	
330	330	Emergency Generator 800 kW	Diesel Fuel	none	20200401	58.6	8.03	0.54	g/kw-hr	0.24	0.54	
345	345	Emergency Generator 500 kW	Diesel Fuel	none	20200401	36.2	4.96	0.2	g/kw-hr	0.06	0.2	
184	814	Emergency Fire Pump	Diesel Fuel	none	20200102	10.6	1.45	0.31	lb/mmbtu	0.11	0.31	
Worst Case												
PM - Propane												
PM10 - Natural gas												
SO2 - Propane												
NOx - Propane												
VOC - Propane												
CO - Natural gas												
										Total Combustion Emissions		9.82

PTE-Combustion

Facility: General Mills															
EIQ#: 92-9085															
EP	EU	SO2		NOx		VOC		CO		Hexane		EF	PTE (tpy)		
		Natural Gas Only	Propane + Nat'l Gas	Natural Gas Only	Propane + Nat'l Gas	Natural Gas Only	Propane + Nat'l Gas	Natural Gas Only	Propane + Nat'l Gas	EF	PTE (tpy)				
1	001A/B	0.10	0.07	17.18	21.16	0.94	1.44	14.43	14.47	1.8	0.31				
2	002A/B	0.10	0.07	17.18	21.16	0.94	1.44	14.43	14.47	1.8	0.31				
132	132A/B	0.00	0.003	0.64	0.79	0.04	0.05	0.54	0.54	1.8	0.01				
139	139A/B	0.00	0.001	0.34	0.42	0.02	0.03	0.29	0.29	1.8	0.01				
140	140A/B	0.00	0.001	0.34	0.42	0.02	0.03	0.29	0.29	1.8	0.01				
141	141A/B	0.00	0.001	0.34	0.42	0.02	0.03	0.29	0.29	1.8	0.01				
150	150A/B	0.00	0.003	0.64	0.79	0.04	0.05	0.54	0.54	1.8	0.01				
151	151A/B	0.00	0.003	0.64	0.79	0.04	0.05	0.54	0.54	1.8	0.01				
159	159	-	0.00	-	0.79	-	0.06	-	0.46	-	-				
164	164A/B	0.00	0.002	0.39	0.48	0.02	0.03	0.32	0.33	1.8	0.01				
166	166A/B	0.00	0.0002	0.83	0.44	0.01	0.008	1.40	0.72	1.8	0.00				
172	172	0.00	0.00	0.64	0.79	0.04	0.05	0.54	0.54	1.8	0.01				
178	178	0.05	0.03	7.73	9.52	0.43	0.65	6.49	6.51	1.8	0.14				
179	179	-	0.00	-	0.00	-	0.00	-	0.00	-	-				
181	181	0.00	0.00	0.40	0.40	0.20	0.20	0.80	0.80	1.8	0.02				
313	313A/B	0.12	0.09	20.72	25.53	1.14	1.74	17.40	17.46	1.8	0.37				
321	321A/B	0.05	0.04	9.02	11.11	0.50	0.76	7.57	7.60	1.8	0.16				
322	322A/B	0.05	0.04	9.02	11.11	0.50	0.76	7.57	7.60	1.8	0.16				
327	327A/B	0.12	0.09	20.74	25.55	1.14	1.74	17.42	17.48	1.8	0.37				
347	347	0.06	0.06	10.74	10.74	0.59	0.59	9.02	9.02	1.8	0.19				
		0.70	0.51	117.54	142.45	6.61	9.71	99.90	99.96		2.11				
Can run on:	1. Natural														
	2. Propan														
Emission factors for EP 162 &															
EP 167 and 345 emission fa															
		SO2			NOx			VOC			CO				
		EF	EF Units	tpy	EF	EF Units	tpy	EF	EF Units	tpy	EF	EF Units	tpy		
162	162	15.00	ppm	0.003098	9.20	g/kw-hr	4.06	1.3	g/kw-hr	0.57	11.40	g/kw-hr	5.03		
167	167	15.00	ppm	0.003114	9.20	g/kw-hr	4.06	1.3	g/kw-hr	0.57	3.50	g/kw-hr	1.54		
330	330	15.00	ppm	0.003098	9.20	g/kw-hr	4.06	1.3	g/kw-hr	0.57	11.40	g/kw-hr	5.03		
345	345	15.00	ppm	0.001914	6.40	g/kw-hr	1.76	1.3	g/kw-hr	0.36	3.50	g/kw-hr	0.96		
184	814	0.29	lb/mmbtu	0.11	4.41	lb/mmbtu	1.60	0.35	lb/mmbtu	0.13	0.95	lb/mmbtu	0.34		
				0.12			13.93			2.08			12.56		
				0.62			156.38			11.78			112.46	tpy	

General Mills Allowables

Facility: Ger													
EIQ#: 92-90													
VOC				CO						CAS 50000		CAS 110543	
Actuals				Actuals									
EP	EF	EF Units	TPY	EF	EF Units	TPY	EF	Lead	HAPs (total)	EF	Formaldehyde	EF	N-Hexane
			46.79			46.43	0.00		2.19		0.09		2.10
									1.98				
1	5.5	lb/mmcf	0.46	84.00	lb/mmcf	7.03	0.00	0.00	0.32	0.075	0.01	1.8	0.31
	-	-	-	-	-	-	-	-	-	-	-	-	-
2	5.5	lb/mmcf	0.36	84.00	lb/mmcf	5.50	0.00	0.00	0.32	0.075	0.01	1.8	0.31
	-	-	-	-	-	-	-	-	-	-	-	-	-
102													
103													
104													
105													
107													
108													
109													
125													
130													
132	5.5	lb/mmcf	0.01	84	lb/mmcf	0.13			0.01	0.075	0.00	1.8	0.01
			-			-							
134													
135													
137													
138													
139	5.5	lb/mmcf	0.00	84	lb/mmcf	0.07			0.01	0.075	0.00	1.8	0.01
			-			-							
140	5.5	lb/mmcf	0.00	84	lb/mmcf	0.07			0.01	0.075	0.00	1.8	0.01
			-			-							
141	5.5	lb/mmcf	0.00	84	lb/mmcf	0.07			0.01	0.075	0.00	1.8	0.01
			-			-							
145													
146													
147													
148													
150	5.5	lb/mmcf	0.01	84	lb/mmcf	0.13			0.01	0.075	0.00	1.8	0.01
			-			-							
151	5.5	lb/mmcf	0.01	84	lb/mmcf	0.13			0.01	0.075	0.00	1.8	0.01
			-			-							
152													
159	1.00	lb/1000 gal	0.00	7.5	lb/1000 gal	0.00							
160													
161													
162	1.3	g/kw-hr	0.57	11.4	g/wk-hr	5.03			0.00	0.066	0.00		
164	5.5	lb/mmcf	0.01	84	lb/mmcf	0.13			0.01	0.075	0.00	1.8	0.01
	-	-	-	-	-	-							

General Mills Allowables

Facility: Ger													
EIQ#: 92-90													
VOC				CO						CAS 50000		CAS 110543	
Actuals				Actuals									
EP	EF	EF Units	TPY	EF	EF Units	TPY	EF	Lead	HAPs (total)	EF	Formaldehyde	EF	N-Hexane
			46.79			46.43		0.00	2.19		0.09		2.10
166	5.5	lb/mmcf	0.00	84	lb/mmcf	0.00			0.00	0.075	0.00	1.8	0.00
	-		-	-		-							
167	1.3	g/kw-hr	0.57	3.5	g/kw-hr	1.54			0.00	0.066	0.00		
168													
169													
170													
171													
172	5.5	lb/mmcf	0.01	84	lb/mmcf	0.08			0.01	0.075	0.00	1.8	0.01
173													
174													
175													
176													
177													
178	5.5	lb/mmcf	0.01	84	lb/mmcf	0.10			0.14	0.075	0.01	1.8	0.14
179	1.00	lb/1000 gal	0.00	7.5	lb/1000 gal	0.00							
180													
181	1	g/HP-hr	0.18	4	g/HP-hr	0.71			0.00	0.075	0.00	1.8	0.00
182													
183													
184													
200													
305	Mass Balance	lbs	42.36	-	-	-							
306	Mass Balance	lbs	Bubble	-	-	-							
308													
309	Mass Balance	lbs	Bubble	-	-	-							
346	Mass Balance	lbs	Bubble	-	-	-							
348	Mass Balance	lbs	Bubble	-	-	-							
	Mass Balance	lbs	Bubble	-	-	-							
310													
313	5.5	lb/mmcf	0.59	84.00	lb/mmcf	9.00	0.00	0.00	0.39	0.075	0.02	1.8	0.37
	-		-	-		-							
321	5.50	lb/mmcf	0.02	84.00	lb/mmcf	0.23			0.17	0.075	0.01	1.8	0.16
	-		-	-		-							
322	5.50	lb/mmcf	0.02	84.00	lb/mmcf	0.23			0.17	0.075	0.01	1.8	0.16
	-		-	-		-							
324	Mass Balance	lbs	Bubble	-	-	-							
	Mass Balance	lbs	Bubble	-	-	-							
325	Mass Balance	lbs	Bubble	-	-	-							
326	Mass Balance	lbs	Bubble	-	-	-							
327	5.50	lb/mmcf	0.66	84.00	lb/mmcf	10.14			0.39	0.075	0.02	1.8	0.37
	-		-	-		-							

General Mills Allowables

Facility: General M		8760	PM			PM10			PM2.5			SO2			NOx		
EIQ#: 92-9085		2000	Actuals			Actuals			Actuals			Actuals			Actuals		
EP	EU	EU Description	EF	EF Units	TPY	EF	EF Units	TPY	EF	EF Units	TPY	EF	EF Units	TPY	EF	EF Units	TPY
					45.12			44.07			44.07			0.25			53.76
330	330	Emergency Generator - Diesel	0.96	lbs/hr	0.24	0.96	lbs/hr	0.24	0.96	lbs/hr	0.24	15	ppmv	0.00	9.20	g/kw-hr	4.06
339	339	Material Conditioner	0.003	gr/dscf	0.02	0.003	gr/dscf	0.02	0.00	gr/dscf	0.02						
340	340	Packaging Dust Collector	0.0043	gr/dscf	0.17	0.0043	gr/dscf	0.17	0.00	gr/dscf	0.17						
344	344	Packaging System	0.0029	gr/dscf	0.12	0.0029	gr/dscf	0.12	0.00	gr/dscf	0.12						
345	345	Emergency Diesel Generator	0.2	g/KW-hr	0.06	0.2	g/KW-hr	0.06	0.2	g/KW-hr	0.06	15	ppmv	0.00	9.20	g/kw-hr	1.76
346	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
347	347	Boiler 5 - Natural Gas	7.6	lb/mmcf	0.01	7.6	lb/mmcf	0.01	7.60	lb/mmcf	0.01	0.6	lb/mmcf	0.00	100.00	lb/mmcf	0.15
348	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
400	400	F-2 Condenser #4	0.15	lbs/hr	0.55	0.15	lbs/hr	0.55	0.15	lbs/hr	0.55						
500	500	C-1 Condenser #2	0.06	lbs/hr	0.16	0.06	lbs/hr	0.16	0.06	lbs/hr	0.16						
501	501	C-1 Condenser #3	0.06	lbs/hr	0.16	0.06	lbs/hr	0.16	0.06	lbs/hr	0.16						
502	502	C-1 Condenser #4	0.15	lbs/hr	0.60	0.15	lbs/hr	0.60	0.15	lbs/hr	0.60						
600	600	Receiver	0.004	gr/dscf	0.18	0.004	gr/dscf	0.18	0.004	gr/dscf	0.18						
601	601A	Ingredient Weigh Platform	0.005	gr/dscf	0.18	0.005	gr/dscf	0.18	0.005	gr/dscf	0.18						
	601B	Ingredient Supersack Unloading	0.005	gr/dscf	0.18	0.005	gr/dscf	0.18	0.005	gr/dscf	0.18						
602	602	Blender	0.005	gr/dscf	0.06	0.005	gr/dscf	0.06	0.01	gr/dscf	0.06						
700	700	Receiver	0.006	gr/dscf	0.58	0.006	gr/dscf	0.58	0.01	gr/dscf	0.58						
701	701	Receiver	0.006	gr/dscf	0.06	0.006	gr/dscf	0.06	0.01	gr/dscf	0.06						
702	702	Receiver	0.004	gr/dscf	0.13	0.004	gr/dscf	0.13	0.00	gr/dscf	0.13						
703	703	Receiver	0.004	gr/dscf	0.13	0.004	gr/dscf	0.13	0.00	gr/dscf	0.13						
704	704	Receiver	0.004	gr/dscf	0.13	0.004	gr/dscf	0.13	0.00	gr/dscf	0.13						
705	705	Receiver	0.004	gr/dscf	0.13	0.004	gr/dscf	0.13	0.00	gr/dscf	0.13						
706	706	Receiver	0.004	gr/dscf	0.06	0.004	gr/dscf	0.06	0.00	gr/dscf	0.06						
707	707	Receiver	0.004	gr/dscf	0.06	0.004	gr/dscf	0.06	0.00	gr/dscf	0.06						
708	708	Receiver	0.004	gr/dscf	0.00	0.004	gr/dscf	0.00	0.00	gr/dscf	0.00						
709	709	Hopper	0.004	gr/dscf	0.09	0.004	gr/dscf	0.09	0.00	gr/dscf	0.09						
710	710	Bag Dump	0.004	gr/dscf	0.00	0.004	gr/dscf	0.00	0.00	gr/dscf	0.00						
711	711	Bag Dump	0.004	gr/dscf	0.04	0.004	gr/dscf	0.04	0.00	gr/dscf	0.04						
712	712	Bag Dump	0.004	gr/dscf	0.00	0.004	gr/dscf	0.00	0.00	gr/dscf	0.00						
713	713	Receiver	0.004	gr/dscf	0.00	0.004	gr/dscf	0.00	0.00	gr/dscf	0.00						
714	714	Receiver	0.004	gr/dscf	0.09	0.004	gr/dscf	0.09	0.00	gr/dscf	0.09						
715	715A	Mixer	0.004	gr/dscf	0.05	0.004	gr/dscf	0.05	0.00	gr/dscf	0.05						
	715B	Receiver	0.004	gr/dscf	0.05	0.004	gr/dscf	0.05	0.00	gr/dscf	0.05						
	715C	Receiver	0.004	gr/dscf	0.05	0.004	gr/dscf	0.05	0.00	gr/dscf	0.05						
716	716A	Product Receiver	0.004	gr/dscf	0.59	0.004	gr/dscf	0.59	0.00	gr/dscf	0.59						
	716B	Blowers and Aspirator	0.004	gr/dscf	0.59	0.004	gr/dscf	0.59	0.00	gr/dscf	0.59						
	716C	Blower	0.004	gr/dscf	0.59	0.004	gr/dscf	0.59	0.00	gr/dscf	0.59						
	716D	Blower	0.004	gr/dscf	0.59	0.004	gr/dscf	0.59	0.00	gr/dscf	0.59						
717	717A	Blower	0.004	gr/dscf	0.19	0.004	gr/dscf	0.19	0.00	gr/dscf	0.19						
	717B	Bin	0.004	gr/dscf	0.19	0.004	gr/dscf	0.19	0.00	gr/dscf	0.19						
	717C	Bin	0.004	gr/dscf	0.19	0.004	gr/dscf	0.19	0.00	gr/dscf	0.19						
718	718	Blower	0.004	gr/dscf	0.09	0.004	gr/dscf	0.09	0.00	gr/dscf	0.09						
719	719	Receiver	0.004	gr/dscf	0.09	0.004	gr/dscf	0.09	0.00	gr/dscf	0.09						
720	720	Super Sack	0.004	gr/dscf	0.06	0.004	gr/dscf	0.06	0.00	gr/dscf	0.06						
721	721	Receiver	0.004	gr/dscf	0.01	0.004	gr/dscf	0.01	0.00	gr/dscf	0.01						
722	722	Receiver	0.004	gr/dscf	0.13	0.004	gr/dscf	0.13	0.00	gr/dscf	0.13						
723	723	Receiver	0.004	gr/dscf	0.13	0.004	gr/dscf	0.13	0.00	gr/dscf	0.13						
724	724	Air Lock	0.004	gr/dscf	0.01	0.004	gr/dscf	0.01	0.00	gr/dscf	0.01						
725	725	Air Classifier	0.004	gr/dscf	0.50	0.004	gr/dscf	0.50	0.00	gr/dscf	0.50						
726	726A	Bins	0.004	gr/dscf	0.30	0.004	gr/dscf	0.30	0.00	gr/dscf	0.30						
	726B	Bins	0.004	gr/dscf	0.30	0.004	gr/dscf	0.30	0.00	gr/dscf	0.30						
	726C	Bins	0.004	gr/dscf	0.30	0.004	gr/dscf	0.30	0.00	gr/dscf	0.30						

General Mills Allowables

Facility: General M		8760	PM			PM10			PM2.5			SO2			NOx		
EIQ#: 92-9085		2000	Actuals			Actuals			Actuals			Actuals			Actuals		
EP	EU	EU Description	EF	EF Units	TPY	EF	EF Units	TPY	EF	EF Units	TPY	EF	EF Units	TPY	EF	EF Units	TPY
					45.12			44.07			44.07			0.25			53.76
727	727A	Bins	0.004	gr/dscf	0.44	0.004	gr/dscf	0.44	0.00	gr/dscf	0.44						
	727B	Receiver	-	-	-	-	-	-	-	-	-						
728	728A	Bins	0.004	gr/dscf	0.58	0.004	gr/dscf	0.58	0.00	gr/dscf	0.58						
	728B	Bins	0.004	gr/dscf	0.58	0.004	gr/dscf	0.58	0.00	gr/dscf	0.58						
729	729	Receiver	0.004	gr/dscf	0.06	0.004	gr/dscf	0.06	0.00	gr/dscf	0.06						
730	730	Receiver	0.004	gr/dscf	0.00	0.004	gr/dscf	0.00	0.00	gr/dscf	0.00						
731	731	Receiver	0.004	gr/dscf	0.06	0.004	gr/dscf	0.06	0.00	gr/dscf	0.06						
732	732	Receiver	0.004	gr/dscf	0.00	0.004	gr/dscf	0.00	0.00	gr/dscf	0.00						
733	733	Hopper	0.004	gr/dscf	0.01	0.004	gr/dscf	0.01	0.00	gr/dscf	0.01						
734	734	Hopper	0.004	gr/dscf	0.01	0.004	gr/dscf	0.01	0.00	gr/dscf	0.01						
735	735	Hopper	0.004	gr/dscf	0.00	0.004	gr/dscf	0.00	0.00	gr/dscf	0.00						
736	736	Hopper	0.004	gr/dscf	0.00	0.004	gr/dscf	0.00	0.00	gr/dscf	0.00						
737	737	Multiple Pickups	0.004	gr/dscf	0.63	0.004	gr/dscf	0.63	0.00	gr/dscf	0.63						
738	738	Hopper	0.004	gr/dscf	0.01	0.004	gr/dscf	0.01	0.00	gr/dscf	0.01						
739	739	Weigh Station	0.004	gr/dscf	0.07	0.004	gr/dscf	0.07	0.00	gr/dscf	0.07						
740	740	Bead Blaster	0.004	gr/dscf	0.00	0.004	gr/dscf	0.00	0.00	gr/dscf	0.00						
741	741	Receiver	0.004	gr/dscf	0.03	0.004	gr/dscf	0.03	0.00	gr/dscf	0.03						
742	742	Grinder	0.004	gr/dscf	0.00	0.004	gr/dscf	0.00	0.00	gr/dscf	0.00						
744	744	Receiver	0.004	gr/dscf	0.16	0.004	gr/dscf	0.16	0.00	gr/dscf	0.16						
745	745	Cereal Blending System	0.004	gr/dscf	0.44	0.004	gr/dscf	0.44	0.00	gr/dscf	0.44						
746	746	RTC Filter & Hopper	0.005	gr/dscf	0.04	0.005	gr/dscf	0.04	0.01	gr/dscf	0.04						
	747A	Baggers 1	0.004	gr/dscf	0.21	0.004	gr/dscf	0.21	0.00	gr/dscf	0.21						
	747B	Baggers 2	0.004	gr/dscf	0.21	0.004	gr/dscf	0.21	0.00	gr/dscf	0.21						
	747C	Baggers 3	0.004	gr/dscf	0.21	0.004	gr/dscf	0.21	0.00	gr/dscf	0.21						
	747D	Baggers 4	0.004	gr/dscf	0.21	0.004	gr/dscf	0.21	0.00	gr/dscf	0.21						
	747E	Baggers 5	0.004	gr/dscf	0.21	0.004	gr/dscf	0.21	0.00	gr/dscf	0.21						
	747F	Baggers 6	0.004	gr/dscf	0.21	0.004	gr/dscf	0.21	0.00	gr/dscf	0.21						
748	748A	Conveyors	0.005	gr/dscf	0.81	0.005	gr/dscf	0.81	0.01	gr/dscf	0.81						
	748B	Fillers (3)	0.005	gr/dscf	0.81	0.005	gr/dscf	0.81	0.01	gr/dscf	0.81						
749	749A	Baggers (3)	0.005	gr/dscf	0.49	0.005	gr/dscf	0.49	0.01	gr/dscf	0.49						
	748B	Baggers (3)	0.005	gr/dscf	0.49	0.005	gr/dscf	0.49	0.01	gr/dscf	0.49						
800	800	Receiver	0.004	gr/dscf	0.00	0.004	gr/dscf	0.00	0.00	gr/dscf	0.00						
801	801	Receiver	0.004	gr/dscf	0.12	0.004	gr/dscf	0.12	0.00	gr/dscf	0.12						
802	802	Receiver	0.004	gr/dscf	0.12	0.004	gr/dscf	0.12	0.00	gr/dscf	0.12						
803	803	Dust Collector	0.004	gr/dscf	1.00	0.004	gr/dscf	1.00	0.00	gr/dscf	1.00						
804	804	Bag Dump	0.004	gr/dscf	0.12	0.004	gr/dscf	0.12	0.00	gr/dscf	0.12						
805	805	Receiver	0.004	gr/dscf	0.08	0.004	gr/dscf	0.08	0.00	gr/dscf	0.08						
806	806	Vacuum System	0.004	gr/dscf	0.16	0.004	gr/dscf	0.16	0.00	gr/dscf	0.16						
807	807	Starch Receiver	0.004	gr/dscf	0.13	0.004	gr/dscf	0.13	0.00	gr/dscf	0.13						
808	808	Starch Hopper	0.005	gr/dscf	0.03	0.005	gr/dscf	0.03	0.01	gr/dscf	0.03						
809	809	Unloader	0.005	gr/dscf	0.10	0.005	gr/dscf	0.10	0.01	gr/dscf	0.10						
810	810	Bin	0.005	gr/dscf	0.00	0.005	gr/dscf	0.00	0.01	gr/dscf	0.00						
811	811	Blender	0.005	gr/dscf	0.02	0.005	gr/dscf	0.02	0.01	gr/dscf	0.02						
812	812	Vacuum Receiver	0.004	gr/dscf	0.00	0.004	gr/dscf	0.00	0.00	gr/dscf	0.00						

Source Tests

EP	Description	Date	Pollutant	Average (gr/scf)	95% CI	Average (lb/hr)	95% CI	Agency Representative	
102	Pellet Dryer Exhaust Stack	12/12/1978	Particulate	0.006	0.010	0.080	0.14	Keith Erikson	
102	Dryer (Hot)	10/31/2002	Particulate	0.002	0.003	0.074	0.17	Amy Drahos	
102	Dryer (Hot)	7/14/2008	Particulate	0.004	0.007	0.293	0.47	Amy Drahos	EPs 102 and 175 (like sources)
103	Scrubber	1/9/1996	Particulate	0.013	0.019	1.520	2.19	Rich Stephens	
103	Dryer (Cooler Side)	11/4/2002	Particulate	0.002	0.003	0.120	0.16	Amy Drahos	
103	Dryer (Cooler Side)	12/3/2007	Particulate	0.0004	0.001	0.033	0.06	Dustin Hinrichs	EPs 103 and 176 (like sources)
104	Cookers	11/6/2002	Particulate	0.001	0.001	0.083	0.10	Amy Drahos	
104	Cookers	10/19/2005	Particulate	0.0023	0.003	0.163	0.23	Amy Drahos	EPs 104 and 182 (like sources)
104	Cookers	7/16/2008	Particulate	0.002	0.003	0.180	0.27	Amy Drahos	
107	Shaper Cyclone	11/1/2002	Particulate	0.023	0.029	0.677	0.89	No one present	
107	Shaper Exhaust	9/3/2003	Particulate	0.011	0.013	0.633	0.78	Amy Drahos	
112	Dryer	7/22/2008	Particulate	0.002	0.003	0.073	0.10	Amy Drahos	
114	Dryer	9/4/2003	Particulate	0.003	0.004	0.013	0.02	Amy Drahos	
115	Dryer	9/5/2003	Particulate	0.002	0.003	0.057	0.08	Amy Drahos	
130	Dryer	12/10/2007	Particulate	0.001	0.002	0.130	0.21	Amy Drahos	
133	Cooker	7/24/2012	Particulate	0.003	0.004	0.150	0.21	Shane Dodge	
134	Dryer	7/15/2008	Particulate	0.004	0.007	0.220	0.46	Amy Drahos	
134	Dryer	7/25/2012	Particulate	0.002	0.003	0.103	0.20	Shane Dodge	
135	Cyclones from Shaper	5/31/1990	Particulate	0.009	0.022	0.261	0.66	No one present	
136	Cooker	8/18/2004	Particulate	0.006	0.008	0.133	0.18	Anthony Daugherty	
137	Dryer	6/29/2006	Particulate	0.002	0.003	0.117	0.18	Amy Drahos	
138	Dryer	10/24/2005	Particulate	0.004	0.006	0.100	0.16	Amy Drahos	EPs 138, 152, and 177 (like sources)
143	Base Product Blower No. 6	7/17/1992	Particulate	0.013	0.021	0.328	0.48	Shawn Peters	
145	Shaper	9/4/2003	Particulate	0.009	0.012	0.457	0.63	Amy Drahos	
145	Shaper/Dryer	1/19/2017	Particulate	0.006	0.009	0.257	0.37	No one present	EP107, 108 & EP145 (like sources)
146	Shaper/Dryer	9/9/2016	Particulate	0.008	0.010	0.350	0.47	No one present	EPs 109, 135, 146, and 147 (like sources)
148	Liquid Mix	12/2/2010	Particulate	0.002	0.003	0.031	0.04	Amy Drahos	EPs 148 and 174 (like sources)
157	Dryer Zone 1 & 2	2/2/1999	Particulate	0.005	0.007	0.368	0.50	Tim Drahos	
158	Dryer Zone 3 & 4	2/2/1999	Particulate	0.004	0.004	0.132	0.14	Tim Drahos	
160	Central Vacuum Cleaning System	9/13/2006	Particulate	0.004	0.005	0.023	0.03	Joseph Strahan	
161	Dryer	10/29/2002	Particulate	0.002	0.002	0.163	0.20	Amy Drahos	
161	Dryer	10/21/2005	Particulate	0.004	0.005	0.193	0.26	Amy Drahos	
161	Dryer	9/14/2006	Particulate	0.001	0.002	0.143	0.22	Amy Drahos	
161	Dryer	7/10/2008	Particulate	0.002	0.002	0.243	0.26	Amy Drahos	
162	Standby Generator	4/29/2015	bon Monoxide (ppm)	8.000	9.338			No one present	
162	Standby Generator	4/26/2018	bon Monoxide (ppm)	14.700	16.554			Jia Timmerman	
163	Dryer	10/30/2002	Particulate	0.003	0.004	0.020	0.02	Amy Drahos, Tony Daugherty	EPs 163, 173 (like sources)
168	Extruder	7/27/2011	Particulate	0.003	0.004	0.067	0.10	Amy Drahos	EPs 168 & 169 (like sources)
170	Dryer	7/13/2011	Particulate	0.003	0.003	0.150	0.19	Amy Drahos	
171	Preheater	7/14/2011	Particulate	0.020	0.021	0.740	0.78	Amy Drahos	
180	Regrinds Receiver	11/4/2014	Particulate	0.002	0.003	0.053	0.06	No one present	
180	Regrinds Receiver	6/2/2021	Particulate	0.005	0.007	0.157	0.21	Jia Timmerman	
180	Regrinds Receiver	11/1/2021	Particulate	0.004	0.007	0.137	0.27	No one present	
200	Multiple Product Receiver Pickups	10/20/2005	Particulate	0.001	0.001	0.140	0.14	Amy Drahos	
301	Receiver	9/12/2006	Particulate	0.003	0.004	0.070	0.09	Amy Drahos	EPs 301 and 310 (like sources)
308	Product Receiver	10/27/2015	Particulate	0.004	0.004	0.273	0.31	No one present	
308	Product Receiver	6/3/2021	Particulate	0.002	0.002	0.123	0.15	No one present	
330	Standby Generator	4/28/2015	bon Monoxide (ppm)	12.300	13.798			No one present	
330	Backup Diesel Generator	4/27/2018	bon Monoxide (ppm)	39.400	40.276			Jia Timmerman	
339	Material Conditioner	10/28/2002	Particulate	0.002	0.003	0.210	0.27	Amy Drahos	
339	Material Conditioner	10/26/2015	Particulate	0.00277	0.003	0.343	0.41	Shane Dodge	

Monitoring

EP	EU Description	Opacity Monitoring*	Controlled Minor	Controlled Significant	Controlled Major	Uncontrolled Minor	Uncontrolled Significant*	Uncontrolled Major	O&M Type	Test (#/Pollutant)	Notes
1	Boiler #1 - NG / Propane	No				All	-	-	None	0	
2	Boiler #2 - NG / Propane	No				All	-	-	None	0	
102	Dryer	Yes	PM,PM10,PM2.5	-	-	PM	PM10, PM2.5	-	Facility	0	PTO meets 40 CFR §70.6(a)(3)(i)(b) criteria
103	Dryer	Yes	PM,PM10,PM2.5	-	-	PM,PM10,PM2.5	-	-	None	1-PM	
104	Cookers	Yes	PM,PM10,PM2.5	-	-	PM,PM10	PM2.5	-	None	1-PM	
105	Product Receiver	Yes	PM,PM10,PM2.5	-	-	PM,PM10,PM2.5	-	-	None	0	
107	Shaper	Yes	PM,PM10,PM2.5	-	-	-	PM10, PM2.5	-	Facility	0	PTO meets 40 CFR §70.6(a)(3)(i)(b) criteria
108	Shaper	Yes	PM,PM10,PM2.5	-	-	-	PM10, PM2.5	-	Facility	0	PTO meets 40 CFR §70.6(a)(3)(i)(b) criteria
109	Shaper	Yes	PM,PM10,PM2.5	-	-	-	PM10, PM2.5	-	Facility	0	PTO meets 40 CFR §70.6(a)(3)(i)(b) criteria
125	Slurry	Yes	PM,PM10,PM2.5	-	-	PM,PM10,PM2.5	-	-	None	0	
130	Dryer	Yes	PM,PM10,PM2.5	-	-	PM,PM10	PM2.5	-	None	1-PM	
132	Gas Fire Preheater - NG/PG	No				All	-	-	None	0	
134	Dryer	Yes	PM,PM10,PM2.5	-	-	PM,PM10,PM2.5	-	-	None	0	
135	Shaper	Yes	PM,PM10,PM2.5	-	-	PM	PM10, PM2.5	-	Facility	0	PTO meets 40 CFR §70.6(a)(3)(i)(b) criteria
137	Dryer	Yes	PM,PM10,PM2.5	-	-	PM,PM10,PM2.5	-	-	None	0	
138	Dryer	Yes	PM,PM10,PM2.5	-	-	PM,PM10,PM2.5	-	-	None	0	
139	Gas Fire Preheater - NG/PG	No				All	-	-	None	0	
140	Gas Fired Preheater - NG/PG	No				All	-	-	None	0	
141	Gas Fire Preheater - NG/PG	No				All	-	-	None	0	
145	Shaper	Yes	PM,PM10,PM2.5	-	-	PM	PM10, PM2.5	-	Facility	0	PTO meets 40 CFR §70.6(a)(3)(i)(b) criteria
146	Shaper	Yes	PM,PM10,PM2.5	-	-	PM	PM10, PM2.5	-	Facility	0	PTO meets 40 CFR §70.6(a)(3)(i)(b) criteria
147	Shaper	Yes	PM,PM10,PM2.5	-	-	PM	PM10, PM2.5	-	Facility	0	PTO meets 40 CFR §70.6(a)(3)(i)(b) criteria
148	Liquid Mix	Yes	PM,PM10,PM2.5	-	-	PM,PM10,PM2.5	-	-	None	0	
150	Gas Fire Preheater - NG/PG	No				All	-	-	None	0	
151	Gas Fire Preheater - NG/PG	No				All	-	-	None	0	
152	Base Bin	Yes	PM,PM10,PM2.5	-	-	PM,PM10	PM2.5	-	None	0	
159	Propane Gas Feeder Vaporizer	No				All	-	-	None	0	
160	Central Vacuum	Yes	PM,PM10,PM2.5	-	-	PM,PM10	-	-	None	0	
161	Dryer	Yes	PM,PM10,PM2.5	-	-	PM,PM10	PM2.5	-	None	1-PM	
162	Emergency Generator - Diesel	No				All	-	-	None	1	
164	Gas Fired Preheater - NG/PG	No				All	-	-	None	0	
166	Shop Emergency Generator (Standby) - NG/PG	No				All	-	-	None	0	
167	Standby Generator - Diesel	No				All	-	-	None	0	
168	Extruder	Yes	PM,PM10,PM2.5	-	-	PM,PM10,PM2.5	-	-	None	0	
169	Cereal Conveying	Yes	PM,PM10,PM2.5	-	-	PM,PM10,PM2.5	-	-	None	0	
170	Dryer	Yes	PM,PM10,PM2.5	-	-	PM,PM10,PM2.5	-	-	None	0	
171	Preheater, Shaper, Blower	No	PM,PM10,PM2.5	-	-	PM	PM10, PM2.5	-	Facility	0	PTO meets 40 CFR §70.6(a)(3)(i)(b) criteria
172	Natural Gas: Process Heater - NG/PG	No				All	-	-	None	0	
173	Dryer	Yes	PM,PM10,PM2.5	-	-	PM,PM10,PM2.5	-	-	None	0	
174	Cereal Coating	Yes	PM,PM10,PM2.5	-	-	PM,PM10,PM2.5	-	-	None	0	
175	Dryer	Yes	PM,PM10,PM2.5	-	-	PM,PM10	PM2.5	-	None	0	
176	Dryer	Yes	PM,PM10,PM2.5	-	-	PM,PM10,PM2.5	-	-	None	0	
177	Dryer	Yes	PM,PM10,PM2.5	-	-	PM,PM10,PM2.5	-	-	None	0	
178	Process Heaters: NG/PG	No				All	-	-	None	0	
179	Heaters: Liquefied Petroleum Gas (LPG): Process	No				All	-	-	None	0	
180	Regrinds Receiver	Yes	PM,PM10,PM2.5	-	-	-	PM10, PM2.5	PM	CAM	2	
181	MCC Emergency Generator 200 kW NG/PG	No				All	-	-	None	0	
182	Cookers	Yes	PM,PM10,PM2.5	-	-	PM,PM10	PM2.5	-	None	0	
183	Packaging Dust Collector	Yes	PM,PM10,PM2.5	-	-	PM,PM10,PM2.5	-	-	None	0	
200	Product Receiver	Yes	PM,PM10,PM2.5	-	-	PM10	PM, PM2.5	-	Facility	1-PM	PTO meets 40 CFR §70.6(a)(3)(i)(b) criteria
305	Dryer	No				VOC,HAP	-	-	None	0	
306	Dryer	No				VOC,HAP	-	-	None	0	
308	Product Receiver	Yes	PM,PM10,PM2.5	-	-	PM10	PM, PM2.5	-	Facility	1	PTO meets 40 CFR §70.6(a)(3)(i)(b) criteria
309	Dryer	No				VOC,HAP	-	-	None	0	
310	Receiver	No	PM,PM10,PM2.5	-	-	PM,PM10,PM2.5	-	-	None	0	
313	Boiler - NG/PG	No				All	-	-	None	0	
321	Water Heater - NG/PG	No				All	-	-	None	0	
322	Water Heater - NG/PG	No				All	-	-	None	0	
324	Dryer	No				VOC,HAP	-	-	None	0	
325	Dryer	No				VOC,HAP	-	-	None	0	
326	Dryer	No				VOC,HAP	-	-	None	0	
327	Boiler #4 - NG/PG	No				All	-	-	None	0	
330	Emergency Generator - Diesel	No				All	-	-	None	0	
339	Material Conditioner	Yes	PM,PM10,PM2.5	-	-	-	PM10, PM2.5	PM	CAM	0	Tested in 2015 and demonstrated com

Monitoring

EP	EU Description	Opacity Monitoring*	Controlled Minor	Controlled Significant	Controlled Major	Uncontrolled Minor	Uncontrolled Significant*	Uncontrolled Major	O&M Type	Test (#/Pollutant)	Notes
340	Packaging Dust Collector	Yes	PM,PM10,PM2.5	-	-	PM,PM10,PM2.5	-	-	None	0	
344	Packaging System	Yes	PM,PM10,PM2.5	-	-	PM,PM10,PM2.5	-	-	None	0	
345	Emergency Generator - Diesel	No				All			None	0	
346	Dryer Stack	No				VOC,HAP			None	0	
347	Boiler 5 - NG	No				All			None	0	
348	Dryer Stack	No				VOC,HAP			None	0	
400	F-2 Condenser #4	No	PM,PM10,PM2.5	-	-	PM,PM10,PM2.5	-	-	None	0	TDS - Sampled Quarterly
500	C-1 Condenser #2	No	PM,PM10,PM2.5	-	-	PM,PM10,PM2.5	-	-	None	0	TDS - Sampled Quarterly
501	C-1 Condenser #3	No	PM,PM10,PM2.5	-	-	PM,PM10,PM2.5	-	-	None	0	TDS - Sampled Quarterly
502	C-1 Condenser #4	No	PM,PM10,PM2.5	-	-	PM,PM10,PM2.5	-	-	None	0	TDS - Sampled Quarterly
600	Receiver	No	PM,PM10,PM2.5	-	-	PM10,PM2.5	PM	-	Facility	0	PTO meets 40 CFR §70.6(a)(3)(i)(b) criteria
601	Ingredient Weigh Platform	No	PM,PM10,PM2.5	-	-	PM10,PM2.5	PM	-	Facility	0	PTO meets 40 CFR §70.6(a)(3)(i)(b) criteria
602	Blender	No	PM,PM10,PM2.5	-	-	PM,PM10,PM2.5	-	-	None	0	
700	Receiver	No	PM,PM10,PM2.5	-	-	PM10	PM, PM2.5	-	Facility	0	PTO meets 40 CFR §70.6(a)(3)(i)(b) criteria
701	Receiver	No	PM,PM10,PM2.5	-	-	PM,PM10,PM2.5	-	-	None	0	
702	Receiver	No	PM,PM10,PM2.5	-	-	PM,PM10,PM2.5	-	-	None	0	
703	Receiver	No	PM,PM10,PM2.5	-	-	PM,PM10,PM2.5	-	-	None	0	
704	Receiver	No	PM,PM10,PM2.5	-	-	PM,PM10,PM2.5	-	-	None	0	
705	Receiver	No	PM,PM10,PM2.5	-	-	PM,PM10,PM2.5	-	-	None	0	
706	Receiver	No	PM,PM10,PM2.5	-	-	PM,PM10,PM2.5	-	-	None	0	
707	Receiver	No	PM,PM10,PM2.5	-	-	PM,PM10,PM2.5	-	-	None	0	
708	Receiver	No	PM,PM10,PM2.5	-	-	PM,PM10,PM2.5	-	-	None	0	
709	Hopper	No	PM,PM10,PM2.5	-	-	PM,PM10,PM2.5	-	-	None	0	
710	Bag Dump	No	PM,PM10,PM2.5	-	-	PM,PM10,PM2.5	-	-	None	0	
711	Bag Dump	No	PM,PM10,PM2.5	-	-	PM,PM10,PM2.5	-	-	None	0	
712	Bag Dump	No	PM,PM10,PM2.5	-	-	PM,PM10,PM2.5	-	-	None	0	
713	Receiver	No	PM,PM10,PM2.5	-	-	PM,PM10,PM2.5	-	-	None	0	
714	Receiver	No	PM,PM10,PM2.5	-	-	PM,PM10,PM2.5	-	-	None	0	
715	Mixer	No	PM,PM10,PM2.5	-	-	PM,PM10,PM2.5	-	-	None	0	
716	Product Receiver	No	PM,PM10,PM2.5	-	-	PM10	PM, PM2.5	-	Facility	0	PTO meets 40 CFR §70.6(a)(3)(i)(b) criteria
717	Blower	No	PM,PM10,PM2.5	-	-	PM,PM10,PM2.5	-	-	None	0	
718	Blower	No	PM,PM10,PM2.5	-	-	PM,PM10,PM2.5	-	-	None	0	
719	Receiver	No	PM,PM10,PM2.5	-	-	PM,PM10,PM2.5	-	-	None	0	
720	Super Sack	No	PM,PM10,PM2.5	-	-	PM,PM10,PM2.5	-	-	None	0	
721	Receiver	No	PM,PM10,PM2.5	-	-	PM,PM10,PM2.5	-	-	None	0	
722	Receiver	No	PM,PM10,PM2.5	-	-	PM,PM10,PM2.5	-	-	None	0	
723	Receiver	No	PM,PM10,PM2.5	-	-	PM,PM10,PM2.5	-	-	None	0	
724	Air Lock	No	PM,PM10,PM2.5	-	-	PM,PM10,PM2.5	-	-	None	0	
725	Air Classifier	No	PM,PM10,PM2.5	-	-	PM10	PM, PM2.5	-	Facility	0	PTO meets 40 CFR §70.6(a)(3)(i)(b) criteria
726	Bins	No	PM,PM10,PM2.5	-	-	PM10,PM2.5	PM	-	Facility	0	PTO meets 40 CFR §70.6(a)(3)(i)(b) criteria
727	Bins	No	PM,PM10,PM2.5	-	-	PM10	PM, PM2.5	-	Facility	0	PTO meets 40 CFR §70.6(a)(3)(i)(b) criteria
728	Bins	No	PM,PM10,PM2.5	-	-	PM10	PM, PM2.5	-	Facility	0	PTO meets 40 CFR §70.6(a)(3)(i)(b) criteria
729	Receiver	No	PM,PM10,PM2.5	-	-	PM,PM10,PM2.5	-	-	None	0	
730	Receiver	No	PM,PM10,PM2.5	-	-	PM,PM10,PM2.5	-	-	None	0	
731	Receiver	No	PM,PM10,PM2.5	-	-	PM,PM10,PM2.5	-	-	None	0	
732	Receiver	No	PM,PM10,PM2.5	-	-	PM,PM10,PM2.5	-	-	None	0	
733	Hopper	No	PM,PM10,PM2.5	-	-	PM,PM10,PM2.5	-	-	None	0	
734	Hopper	No	PM,PM10,PM2.5	-	-	PM,PM10,PM2.5	-	-	None	0	
735	Hopper	No	PM,PM10,PM2.5	-	-	PM,PM10,PM2.5	-	-	None	0	
736	Hopper	No	PM,PM10,PM2.5	-	-	PM,PM10,PM2.5	-	-	None	0	
737	Multiple Pickups	No	PM,PM10,PM2.5	-	-	-	PM,PM10,PM2.5	-	Facility	0	PTO meets 40 CFR §70.6(a)(3)(i)(b) criteria
738	Hopper	No	PM,PM10,PM2.5	-	-	PM,PM10,PM2.5	-	-	None	0	
739	Weigh Station	No	PM,PM10,PM2.5	-	-	PM,PM10,PM2.5	-	-	None	0	
740	Bead Blaster	No	PM,PM10,PM2.5	-	-	PM,PM10,PM2.5	-	-	None	0	
741	Receiver	No	PM,PM10,PM2.5	-	-	-	PM,PM10,PM2.5	-	Facility	0	PTO meets 40 CFR §70.6(a)(3)(i)(b) criteria
742	Grinder	No	PM,PM10,PM2.5	-	-	PM10,PM2.5	PM	-	Facility	0	PTO meets 40 CFR §70.6(a)(3)(i)(b) criteria
744	Receiver	No	PM,PM10,PM2.5	-	-	PM,PM10,PM2.5	-	-	None	0	
745	Cereal Blending System	No	PM,PM10,PM2.5	-	-	PM10	PM,PM2.5	-	Facility	0	PTO meets 40 CFR §70.6(a)(3)(i)(b) criteria
746	RTC Filter & Hopper	No	PM,PM10,PM2.5	-	-	PM,PM10,PM2.5	-	-	None	0	
747	Baggers A-F	No	PM,PM10,PM2.5	-	-	PM,PM10,PM2.5	-	-	None	0	
748	Conveyors / Fillers (3)	No	PM,PM10,PM2.5	-	-	-	PM,PM10,PM2.5	-	Facility	0	PTO meets 40 CFR §70.6(a)(3)(i)(b) criteria
749	Baggers (6 total)	No	PM,PM10,PM2.5	-	-	PM10	PM,PM2.5	-	Facility	0	PTO meets 40 CFR §70.6(a)(3)(i)(b) criteria
800	Receiver	No	PM,PM10,PM2.5	-	-	PM,PM10,PM2.5	-	-	None	0	
801	Receiver	No	PM,PM10,PM2.5	-	-	PM,PM10,PM2.5	-	-	None	0	
802	Receiver	No	PM,PM10,PM2.5	-	-	PM,PM10,PM2.5	-	-	None	0	

Monitoring

EP	EU Description	Opacity Monitoring*	Controlled Minor	Controlled Significant	Controlled Major	Uncontrolled Minor	Uncontrolled Significant*	Uncontrolled Major	O&M Type	Test (#/Pollutant)	Notes
803	Dust Collector	No	PM,PM10,PM2.5	-	-	-	PM10, PM2.5	PM	Facility	0	*Indoor sources are not subject to CAM per DNR guidance. PTO meets 40 CFR §70.6(a)(3)(i)(b) criteria
804	Bag Dump	No	PM,PM10,PM2.5	-	-	PM,PM10,PM2.5	-	-	None	0	
805	Receiver	No	PM,PM10,PM2.5	-	-	PM,PM10,PM2.5	-	-	None	0	
806	Vacuum System	No	PM,PM10,PM2.5	-	-	PM,PM10,PM2.5	-	-	None	0	
807	Starch Receiver	No	PM,PM10,PM2.5	-	-	PM,PM10,PM2.5	-	-	None	0	
808	Starch Hopper	No	PM,PM10,PM2.5	-	-	PM,PM10,PM2.5	-	-	None	0	
809	Unloader	No	PM,PM10,PM2.5	-	-	PM,PM10,PM2.5	-	-	None	0	
810	Bin	No	PM,PM10,PM2.5	-	-	PM,PM10,PM2.5	-	-	None	0	
811	Blender	No	PM,PM10,PM2.5	-	-	PM,PM10,PM2.5	-	-	None	0	
812	Vacuum Receiver	No	PM,PM10,PM2.5	-	-	PM,PM10,PM2.5	-	-	None	0	

Legend

All = PM,PM10,PM2.5, SO₂, NO_x, VOC, CO, HAP

		Periodic Monitoring Summary								
		PM	PM ₁₀	SO ₂	NO _x	CO	VOC	HAP		
Total Stack tests	5	5	0	0	0	0	0		0	
Agency	0									
O&M Plans	2									
Facility	26									
Opacity Monitoring	36									

40 CFR 70.6(a)(3)(i)(b) states the following:

Where the applicable requirement does not require periodic testing or instrumental or noninstrumental monitoring (which may consist of recordkeeping designed to serve as monitoring), periodic monitoring sufficient to yield reliable data from the relevant time period that are representative of the source's compliance with the permit, as reported pursuant to paragraph (a)(3)(iii) of this section. Such monitoring requirements shall assure use of terms, test methods, units, averaging periods, and other statistical conventions consistent with the applicable requirement. Recordkeeping provisions may be sufficient to meet the requirements of this paragraph (a)(3)(i)(B) of this section;

Like Sources

Like Sources - Test Averages - General Mills, Inc.

	Test Average (lbs/hr)	Test Average (gr/dscf)
104	0.16	0.0023
182	-	-
EF	0.16	0.0023
105	-	-
125	-	-
301 (308A)	0.09	0.004
EF	0.09	0.004
107	-	-
108	-	-
145	0.37	0.009
EF	0.37	0.009
109	-	-
135	-	-
146	0.34	0.008
147	-	-
EF	0.34	0.008
133	0.21	0.004
136	0.18	0.008
EF	0.195	0.006
134	0.2	0.003
137	0.18	0.003
EF	0.19	0.003
138	0.16	0.006
152	-	-
EF	0.16	0.006
163	0.02	0.004
173	-	-
EF	0.02	0.004
148	0.04	0.003
174	-	-
EF	0.04	0.003
102	0.47	0.007
175	-	-
EF	0.47	0.007
103	0.06	0.0006
176	-	-
EF	0.06	0.0006
138	0.16	0.006
177	-	-
EF	0.16	0.006
160	0.033	0.005
328	-	-
EF	0.033	0.005

Form 1.3

EU#	EU Description	Pounds/Year										Insignificant Activities Exclusion Reference (567 IAC)		
		CO	NO _x	SO ₂	Sulfur Acid Mists	Reduced Sulfur Cpds	PM	PM ₁₀	PM _{2.5}	VOC	High Risk Toxics		Toxics - not High Risk Group	
INSFUG2	Maintenance Sand Blasting Areas						1026	1026	1026					
INSFUG3	Maintenance Welding Areas													
INSFUG4	Inside Non-permitted DC's						41095	41095	41095					
INSFUG5	By Product Loadout													
INSFUG6	Maintenance Part Washers													
INSFUG7	Ink Jet Coders									6720				
INSFUG8	Effluent Neutralization Tank													
INSFUG9	Cleaning Chemical Storage													
INSFUG10	Case Code Daters													
INSFUG11	Multiple Case Gluers													
INSFUG12	Container Laser Coding													
INSFUG13	Label Printers for Pallets													
INSFUG14	Vacuum Pump Exhausts													
INSFUG15	Diesel Fuel Storage Tanks													
INSFUG16	Skimmer Tank													
INSFUG17	Used Oil Tanks													
INSFUG19	Gluing at Unitizers													
INSFUG20	Forklift Battery Charging													
INSFUG21	Air Drying Equipment													
INSFUG22	Maintenance Painting													
INSFUG23	Wash Rack Exhausts													
INSFUG24	Knife Blade Sharpener													
INSFUG25	Rail Switch Heater													
Totals (Pounds/Year)		0.00	0.00	0.00	0.00	0.00	42121.00	42121.00	42121.00	6720.00	0.00	0.00		
Total (Tons/Year)		0.00	0.00	0.00	0.00	0.00	21.06	21.06	21.06	3.36	0.00	0.00		