



JUL 1 1 2011

Gerardo C. Rios. Chief Permits Office (AIR-3) U.S. EPA - Region IX 75 Hawthorne St San Francisco, CA 94105

Re: Notice of Final Action - Title V Permit Renewal

> **District Facility # N-355** Project # N-1094065

Dear Mr. Rios:

The District has issued the Final Title V Permit Renewal for General Mills Operations, Inc. The preliminary decision for this project was made on May 13, 2011. No comments were received subsequent to the District preliminary decision. Enclosed are the Renewed Final Title V Permit and public notice to be published approximately three days from the date of this letter.

I would like to thank you and your staff for working with us. We appreciate your concurrence with this action. Should you have any questions, please contact Mr. Jim Swaney, Permit Services Manager, at (559) 230-5900.

Sincerely,

**Director of Permit Services** 

Attachments

CC: Vanesa Gonzalez, Permit Services Engineer





JUL 1 1 2011

Mike Tollstrup, Chief Project Assessment Branch Air Resources Board P O Box 2815 Sacramento, CA 95812-2815

Re: Notice of Final Action - Title V Permit Renewal

District Facility # N-355 Project # N-1094065

Dear Mr. Tollstrup:

The District has issued the Final Title V Permit for General Mills Operations, Inc. The preliminary decision for this project was made on May 13, 2011. No comments were received subsequent to the District preliminary decision. Enclosed are the Renewed Final Title V Permit and public notice to be published approximately three days from the date of this letter.

I would like to thank you and your staff for working with us. Should you have any questions, please contact Mr. Jim Swaney, Permit Services Manager, at (559) 230-5900.

Sincerely,

Director of Permit Services

Attachments

cc: Vanesa Gonzalez, Permit Services Engineer





JUL 1 1 2011

Carson Funderburk General Mills Operations, Inc P O Box 3002 Lodi, CA 95241-1906

Re: Notice of Final Action - Title V Permit Renewal

District Facility # N-355 Project # N-1094065

Dear Mr. Funderburk:

The District has issued the Final Title V Permit for General Mills Operations, Inc. The preliminary decision for this project was made on May 13, 2011. No comments were received subsequent to the District preliminary decision. Enclosed are the Renewed Final Title V Permit and public notice to be published approximately three days from the date of this letter.

Thank you for your cooperation in this matter. Should you have any questions, please contact Mr. Jim Swaney, Permit Services Manager, at (559) 230-5900.

Sincerely,

David vvarner

**Director of Permit Services** 

**Attachments** 

cc: Vanesa Gonzalez, Permit Services Engineer

# SAN JOAQUIN VALLEY AIR POLLUTION CONTROL DISTRICT NOTICE OF FINAL DECISION TO ISSUE RENEWED FEDERALLY MANDATED OPERATING PERMIT

NOTICE IS HEREBY GIVEN that the San Joaquin Valley Air Pollution Control District has made its final decision to issue the renewed Federally Mandated Operating Permit to General Mills Operations, Inc for its cereal manufacturing plant at 2000 West Turner in Lodi, California.

The District's analysis of the legal and factual basis for this proposed action, project #N-1094065, is available for public inspection at http://www.valleyair.org/notices/public\_notices\_idx.htm and the District office at the address below. For additional information regarding this matter, please contact Mr. Jim Swaney, Permit Services Manager, at (559) 230-5900, or contact David Warner, Director of Permit Services, in writing at SAN JOAQUIN VALLEY AIR POLLUTION CONTROL DISTRICT, 1990 E. GETTYSBURG AVE, FRESNO, CA 93726-0244.





## **Permit to Operate**

FACILITY: N-355 EXPIRATION DATE: 04/30/2016

**LEGAL OWNER OR OPERATOR:** GENERAL MILLS OPERATIONS, INC

MAILING ADDRESS: ATTN: ACCOUNTS PAYABLE

PO BOX 1263

MINNEAPOLIS, MN 55440

FACILITY LOCATION: WADE BROUGHTON

2000 W TURNER ROAD

LODI, CA 95240

FACILITY DESCRIPTION: CEREAL MANUFACTURER

The Facility's Permit to Operate may include Facility-wide Requirements as well as requirements that apply to specific permit units.

This Permit to Operate remains valid through the permit expiration date listed above, subject to payment of annual permit fees and compliance with permit conditions and all applicable local, state, and federal regulations. This permit is valid only at the location specified above, and becomes void upon any transfer of ownership or location. Any modification of the equipment or operation, as defined in District Rule 2201, will require prior District approval. This permit shall be posted as prescribed in District Rule 2010.

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Executive Director / APCO

David Warner
Director of Permit Services

**FACILITY:** N-355-0-3 **EXPIRATION DATE:** 04/30/2016

#### **FACILITY-WIDE REQUIREMENTS**

- 1. The owner or operator shall notify the District of any breakdown condition as soon as reasonably possible, but no later than one hour after its detection, unless the owner or operator demonstrates to the District's satisfaction that the longer reporting period was necessary. [District Rule 1100, 6.1; County Rules 110 (Fresno, Stanislaus, San Joaquin); 109 (Merced); 113 (Madera); and 111 (Kern, Tulare, Kings)] Federally Enforceable Through Title V Permit
- 2. The District shall be notified in writing within ten days following the correction of any breakdown condition. The breakdown notification shall include a description of the equipment malfunction or failure, the date and cause of the initial failure, the estimated emissions in excess of those allowed, and the methods utilized to restore normal operations. [District Rule 1100, 7.0; County Rules 110 (Fresno, Stanislaus, San Joaquin); 109 (Merced); 113 (Madera); and 111 (Kern, Tulare, Kings)] Federally Enforceable Through Title V Permit
- 3. The owner or operator of any stationary source operation that emits more than 25 tons per year of nitrogen oxides or reactive organic compounds, shall provide the District annually with a written statement in such form and at such time as the District prescribes, showing actual emissions of nitrogen oxides and reactive organic compounds from that source. [District Rule 1160, 5.0] Federally Enforceable Through Title V Permit
- 4. Any person building, altering or replacing any operation, article, machine, equipment, or other contrivance, the use of which may cause the issuance of air contaminants or the use of which may eliminate, reduce, or control the issuance of air contaminants, shall first obtain an Authority to Construct (ATC) from the District unless exempted by District Rule 2020 (12/20/07). [District Rule 2010, 3.0 and 4.0; and 2020] Federally Enforceable Through Title V Permit
- 5. The permittee must comply with all conditions of the permit including permit revisions originated by the District. All terms and conditions of a permit that are required pursuant to the Clean Air Act (CAA), including provisions to limit potential to emit, are enforceable by the EPA and Citizens under the CAA. Any permit noncompliance constitutes a violation of the CAA and the District Rules and Regulations, and is grounds for enforcement action, for permit termination, revocation, reopening and reissuance, or modification; or for denial of a permit renewal application. [District Rules 2070, 7.0; 2080; and 2520, 9.9.1 and 9.13.1] Federally Enforceable Through Title V Permit
- 6. A Permit to Operate or an Authority to Construct shall not be transferred unless a new application is filed with and approved by the District Rule 2031] Federally Enforceable Through Title V Permit
- 7. Every application for a permit required under Rule 2010 (12/17/92) shall be filed in a manner and form prescribed by the District. [District Rule 2040] Federally Enforceable Through Title V Permit
- 8. The operator shall maintain records of required monitoring that include: 1) the date, place, and time of sampling or measurement; 2) the date(s) analyses were performed; 3) the company or entity that performed the analysis; 4) the analytical techniques or methods used; 5) the results of such analysis; and 6) the operating conditions at the time of sampling or measurement. [District Rule 2520, 9.4.1] Federally Enforceable Through Title V Permit
- 9. The operator shall retain records of all required monitoring data and support information for a period of at least 5 years from the date of the monitoring sample, measurement, or report. Support information includes copies of all reports required by the permit and, for continuous monitoring instrumentation, all calibration and maintenance records and all original strip-chart recordings. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

- 10. The operator shall submit reports of any required monitoring at least every six months unless a different frequency is required by an applicable requirement. All instances of deviations from permit requirements must be clearly identified in such reports. [District Rule 2520, 9.5.1] Federally Enforceable Through Title V Permit
- 11. Deviations from permit conditions must be promptly reported, including deviations attributable to upset conditions, as defined in the permit. For the purpose of this condition, promptly means as soon as reasonably possible, but no later than 10 days after detection. The report shall include the probable cause of such deviations, and any corrective actions or preventive measures taken. All required reports must be certified by a responsible official consistent with section 10.0 of District Rule 2520 (6/21/01). [District Rules 2520, 9.5.2 and 1100, 7.0] Federally Enforceable Through Title V **Permit**
- 12. If for any reason a permit requirement or condition is being challenged for its constitutionality or validity by a court of competent jurisdiction, the outcome of such challenge shall not affect or invalidate the remainder of the conditions or requirements in that permit. [District Rule 2520, 9.7] Federally Enforceable Through Title V Permit
- 13. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit. [District Rule 2520, 9.8.2] Federally Enforceable Through Title V Permit
- 14. The permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition. [District Rule 2520, 9.8.3] Federally Enforceable Through Title V Permit
- 15. The permit does not convey any property rights of any sort, or any exclusive privilege. [District Rule 2520, 9.8.4] Federally Enforceable Through Title V Permit
- 16. The Permittee shall furnish to the District, within a reasonable time, any information that the District may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the District copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to EPA along with a claim of confidentiality. [District Rule 2520, 9.8.5] Federally Enforceable Through Title V Permit
- 17. The permittee shall pay annual permit fees and other applicable fees as prescribed in Regulation III of the District Rules and Regulations. [District Rule 2520, 9.9] Federally Enforceable Through Title V Permit
- 18. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to enter the permittee's premises where a permitted source is located or emissions related activity is conducted, or where records must be kept under condition of the permit. [District Rule 2520, 9.13.2.1] Federally Enforceable Through Title V Permit
- 19. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit. [District Rule 2520, 9.13.2.2] Federally Enforceable Through Title V Permit
- 20. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to inspect at reasonable times any facilities, equipment, practices, or operations regulated or required under the permit. [District Rule 2520, 9.13.2.3] Federally Enforceable Through Title V Permit
- 21. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. [District Rule 2520, 9.13.2.4] Federally Enforceable Through Title V Permit
- 22. No air contaminants shall be discharged into the atmosphere for a period or periods aggregating more than 3 minutes in any one hour which is as dark or darker than Ringelmann #1 or equivalent to 20% opacity and greater, unless specifically exempted by District Rule 4101 (02/17/05). If the equipment or operation is subject to a more stringent visible emission standard as prescribed in a permit condition, the more stringent visible emission limit shall supersede this condition. [District Rule 4101, and County Rules 401 (in all eight counties in the San Joaquin Valley)] Federally Enforceable Through Title V Permit

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE These terms and conditions are part of the Facility-wide Permit to Operate.

Facility Name: GENERAL MILLS OPERATIONS, INC

Location: WADE BROUGHTON, 2000 W TURNER ROAD, LODI, CA 95240 N-355-0-3 : Jul 8 2011 9:21AM - GONZALEV

- 23. No person shall manufacture, blend, repackage, supply, sell, solicit or apply any architectural coating with a VOC content in excess of the corresponding limit specified in Table of Standards 1 effective until 12/30/10 or Table of Standards 2 effective on and after 1/1/11 of District Rule 4601 (12/17/09) for use or sale within the District. [District Rule 4601, 5.1] Federally Enforceable Through Title V Permit
- 24. All VOC-containing materials subject to Rule 4601 (12/17/09) shall be stored in closed containers when not in use. [District Rule 4601, 5.4] Federally Enforceable Through Title V Permit
- 25. The permittee shall comply with all the Labeling and Test Methods requirements outlined in Rule 4601 sections 6.1 and 6.3 (12/17/09). [District Rule 4601, 6.1 and 6.3] Federally Enforceable Through Title V Permit
- 26. With each report or document submitted under a permit requirement or a request for information by the District or EPA, the permittee shall include a certification of truth, accuracy, and completeness by a responsible official. [District Rule 2520, 9.13.1 and 10.0] Federally Enforceable Through Title V Permit
- 27. If the permittee performs maintenance on, or services, repairs, or disposes of appliances, the permittee shall comply with the standards for Recycling and Emissions Reduction pursuant to 40 CFR Part 82, Subpart F. [40 CFR 82 Subpart F] Federally Enforceable Through Title V Permit
- 28. If the permittee performs service on motor vehicles when this service involves the ozone-depleting refrigerant in the motor vehicle air conditioner (MVAC), the permittee shall comply with the standards for Servicing of Motor Vehicle Air Conditioners pursuant to all the applicable requirements as specified in 40 CFR Part 82, Subpart B. [40 CFR Part 82, Subpart B] Federally Enforceable Through Title V Permit
- 29. Disturbances of soil related to any construction, demolition, excavation, extraction, or other earthmoving activities shall comply with the requirements for fugitive dust control in District Rule 8021 unless specifically exempted under Section 4.0 of Rule 8021 (8/19/2004) or Rule 8011 (8/19/2004). [District Rule 8021 and 8011] Federally Enforceable Through Title V Permit
- 30. Outdoor handling, storage and transport of any bulk material which emits dust shall comply with the requirements of District Rule 8031, unless specifically exempted under Section 4.0 of Rule 8031 (8/19/2004) or Rule 8011 (8/19/2004). [District Rule 8031 and 8011] Federally Enforceable Through Title V Permit
- 31. An owner/operator shall prevent or cleanup any carryout or trackout in accordance with the requirements of District Rule 8041 Section 5.0, unless specifically exempted under Section 4.0 of Rule 8041 (8/19/2004) or Rule 8011 (8/19/2004). [District Rule 8041 and 8011] Federally Enforceable Through Title V Permit
- 32. Whenever open areas are disturbed, or vehicles are used in open areas, the facility shall comply with the requirements of Section 5.0 of District Rule 8051, unless specifically exempted under Section 4.0 of Rule 8051 (8/19/2004) or Rule 8011 (8/19/2004). [District Rule 8051 and 8011] Federally Enforceable Through Title V Permit
- 33. Any paved road or unpaved road shall comply with the requirements of District Rule 8061 unless specifically exempted under Section 4.0 of Rule 8061 (8/19/2004) or Rule 8011 (8/19/2004). [District Rule 8061 and Rule 8011] Federally Enforceable Through Title V Permit
- 34. Any unpaved vehicle/equipment area that anticipates more than 50 Average annual daily Trips (AADT) shall comply with the requirements of Section 5.1.1 of District Rule 8071. Any unpaved vehicle/equipment area that anticipates more than 150 vehicle trips per day (VDT) shall comply with the requirements of Section 5.1.2 of District Rule 8071. On each day that 25 or more VDT with 3 or more axles will occur on an unpaved vehicle/equipment traffic area, the owner/operator shall comply with the requirements of Section 5.1.3 of District Rule 8071. On each day when a special event will result in 1,000 or more vehicles that will travel/park on an unpaved area, the owner/operator shall comply with the requirements of Section 5.1.4 of District Rule 8071. All sources shall comply with the requirements of Section 5.0 of District Rule 8071 unless specifically exempted under Section 4.0 of Rule 8071 (9/16/2004) or Rule 8011 (8/19/2004). [District Rule 8071 and Rule 8011] Federally Enforceable Through Title V Permit
- 35. Any owner or operator of a demolition or renovation activity, as defined in 40 CFR 61.141, shall comply with the applicable inspection, notification, removal, and disposal procedures for asbestos containing materials as specified in 40 CFR 61.145 (Standard for Demolition and Renovation). [40 CFR 61 Subpart M] Federally Enforceable Through Title V Permit

- 36. The permittee shall submit certifications of compliance with the terms and standards contained in Title V permits, including emission limits, standards and work practices, to the District and the EPA annually (or more frequently as specified in an applicable requirement or as specified by the District). The certification shall include the identification of each permit term or condition, the compliance status, whether compliance was continuous or intermittent, the methods used for determining the compliance status, and any other facts required by the District to determine the compliance status of the source. [District Rule 2520, 9.16] Federally Enforceable Through Title V Permit
- 37. The permittee shall submit an application for Title V permit renewal to the District at least six months, but not greater than 18 months, prior to the permit expiration date. [District Rule 2520, 5.2] Federally Enforceable Through Title V Permit
- 38. When a term is not defined in a Title V permit condition, the definition in the rule cited as the origin and authority for the condition in a Title V permits shall apply. [District Rule 2520, 9.1.1] Federally Enforceable Through Title V Permit
- 39. Compliance with permit conditions in the Title V permit shall be deemed in compliance with the following outdated SIP requirements: Rule 401 (Madera, Fresno, Kern, Kings, San Joaquin, Stanislaus, Tulare and Merced), Rule 110 (Fresno, Stanislaus, San Joaquin), Rule 109 (Merced), Rule 113 (Madera), Rule 111 (Kern, Tulare, Kings), and Rule 202 (Fresno, Kern, Tulare, Kings, Madera, Stanislaus, Merced, San Joaquin). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
- 40. Compliance with permit conditions in the Title V permit shall be deemed in compliance with the following applicable requirements: SJVUAPCD Rules 1100, sections 6.1 and 7.0 (12/17/92); 2010, sections 3.0 and 4.0 (12/17/92); 2031 (12/17/92); 2040 (12/17/92); 2070, section 7.0 (12/17/92); 2080 (12/17/92); 4101 (2/17/05); 4601 (12/17/09); 8021 (8/19/2004); 8031 (8/19/2004); 8041 (8/19/2004); 8051 (8/19/2004); 8061 (8/19/2004); and 8071 (9/16/2004). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
- 41. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
- 42. When applicable to 40 CFR Part 68, a subject facility shall submit to the proper authority a Risk Management Plan when mandated by the regulation. [40 CFR Part 68] Federally Enforceable Through Title V Permit
- 43. The reporting periods for the Report of Required Monitoring and the Compliance Certification Report begin March 16 every year, unless alternative dates are approved by the District Compliance Division. These reports are due within 30 days after the end of the reporting period. [District Rule 2520] Federally Enforceable Through Title V Permit

ocation: WADE BROUGHTON, 2000 W TURNER ROAD, LODI, CA 95240

N-355-0-3 : Jul 8 2011 8:21AM - GONZALEV

PERMIT UNIT: N-355-1-7 EXPIRATION DATE: 04/30/2016

**EQUIPMENT DESCRIPTION:** 

CEREAL PLANT SYSTEM (PUFF II) SERVED BY SIX CYCLONES, TWO SCRUBBERS, AND THREE BAGHOUSES

#### PERMIT UNIT REQUIREMENTS

- Material dispensing system shall consists of the following: flour dispensing from bulk storage silo to day bins served by a FLEX-KLEEN MODEL 58CTBC18IIIG dust collector (AC-1); sweetener dispensing from bulk storage silo to day bins served by a FLEX-KLEEN MODEL 10PBVBL9II dust collector (AC-3); multiple product dispensing into day bins served by a FABRIC FILTER CORP OR MAC MODEL 88AVRF0602 dust collector (AC-62); material dispensing from bin #57 to day bins served by a shared HAF EQUIPMENT MODEL 36CF14S3G dust collector (AC-77) (shared with permit unit N-355-2); dry sweetener dispensing operation from bulk storage silo to day bins served by a shared FLEX-KLEEN MODEL 58CTBC14IIIG dust collector (AC-78) (shared with permit unit N-355-2); day bins served by a AERODYNE MODEL 12104-4 dust collector (AC-5), mixer served by a AERODYNE MODEL 120060089 dust collector (AC-12); regrinds dispensing to a mixer served by a MAC MODEL 18BV4 dust collector (AC-79); wheat germ dispensing from bins to mixed-material product receiver served by a MAC MODEL 36AVR14-III dust collector (AC-45); and mixed-material product receiver served by a HAF EQUIPMENT MODEL 58CT3283 dust collector (AC-100). [District Rule 2201] Federally Enforceable Through Title V Permit
- 2. Material cooking system shall consists of the following: transition hopper supplying mixed material to cookers served by a HAF EQUIPMENT MODEL 18BV4 dust collector (AC-102); steam-jacketed cookers, receiver, and steam-heated dryer served by a BOEDECKER DCP-30-196M168-38-G dust collector (AC-17); cyclone receiver and dry dough handling system consists of a screw conveyor and five electrically-heated conveyors served by a shared AAF-ROTOCLONE MODEL W12 WET-TYPE dust collector (AC-26) (shared with permit unit N-355-2). [District Rule 2201] Federally Enforceable Through Title V Permit
- 3. Puff system shall consists of the following: five permit-exempt natural gas-fired superheaters (0.5 MMBTU/HR each) serving five puff-formers; five post-puff-former cyclone receivers delivering product to a receiver on 4th floor which is served by a KICE MODEL VR32-6H dust collector (AC-76) and a scalper. [District Rule 2201] Federally Enforceable Through Title V Permit
- 4. Cereal flavor spraying and drying system shall consists of the following: enrobers served by a DUCON MODEL UW3-21 WET-TYPE dust collector (AC-38); steam-heated dryer served by an AAF-ROTOCLONE W24 WET-TYPE dust collector (AC-37-1) and an AAF-ROTOCLONE WRC12 WET-TYPE dust collector (AC-37-2) on cooler side. [District Rule 2201] Federally Enforceable Through Title V Permit
- 5. Finished cereal scalp and conveyance system shall consists of the following: finish cereal conveyors served by a shared FLEX-KLEEN MODEL 58WSBC81-III dust collector (AC-44) (shared with permit unit N-355-2); scalper served by a shared FLEX-KLEEN MODEL 58CTBC54-IIIG dust collector (AC-68) (shared with permit unit N-355-2); scalper served by a BUHLER MODEL ASFA-44 dust collector (AC-43); material dispensing from dry minor ingredient bins to the cereal served by an AAF MODEL W840144 WET-TYPE dust collector (AC-75). [District Rule 2201] Federally Enforceable Through Title V Permit
- 6. Particulate matter emissions shall not exceed 0.1 grain/dscf. [District Rule 4201] Federally Enforceable Through Title V Permit

Facility Name: GENERAL MILLS OPERATIONS, INC
Location: WADE BROUGHTON,2000 W TURNER ROAD,LODI, CA 95240
N-355-1-7: Jul 8 2011 8 21AM - GONZALEV

- PM10 emissions from this permit unit shall not exceed 25.3 lb/day. [District Rule 2201] Federally Enforceable Through Title V Permit
- The operator shall maintain the following water flow rates: a.) at least 1.0 gpm for AAF-Rotoclone Model W12 dust collector (AC-26), b.) at least 0.7 gpm for Ducon Model UW3-21 dust collector (AC-38), c.) at least 3.5 gpm for AAF-Rotoclone Model W24 dust collector (AC-37-1), d.) at least 1.0 gpm for AAF-Rotoclone Model WRC12 dust collector (AC-37-2), and e.) at least 1.5 gpm for AAF Model W840144 dust collector (AC-75). [District Rule 2201] Federally Enforceable Through Title V Permit
- Visible emissions from the exhaust of each dust collector (wet or dry) shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in any one hour. [District Rule 2201] Federally Enforceable Through Title V Permit
- 10. Material removed from each dust collector (wet or dry) shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
- 11. The cleaning frequency and duration of each dust collector (wet or dry) shall be adjusted to optimize the control efficiency. [District Rule 2201] Federally Enforceable Through Title V Permit
- 12. Replacement bags numbering at least 10% of the total number of bags in the largest dust collector (dry), and for each type of bag, shall be maintained on the premises. [District Rule 2201] Federally Enforceable Through Title V Permit
- 13. Visible emissions from cyclones and dust collectors (wet or dry) that are in operation shall be checked daily. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2201 and 40 CFR 64] Federally Enforceable Through Title V Permit
- 14. Cyclones and dust collectors (wet or dry) shall be completely inspected annually for evidence of particulate matter breakthrough and repaired as needed. [District Rule 2201] Federally Enforceable Through Title V Permit
- 15. Dust collector (dry) filters shall be thoroughly inspected annually for tears, scuffs, abrasions, holes, or any evidence of particulate matter breakthrough and shall be replaced as needed. [District Rule 2201] Federally Enforceable Through Title V Permit
- 16. Records of cyclones and dust collectors (wet or dry) maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2201] Federally Enforceable Through Title V Permit
- 17. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation E=3.59xP^0.62 if P is less than or equal to 30 tons per hour, or E=17.37xP^0.62 if P is greater than 30 tons per hour (amended December 17, 1992). [District Rule 4202] Federally Enforceable Through Title V Permit
- 18. Water flow rate of each dust collector (wet) shall be monitored and recorded daily during operation of this unit. [District Rule 2201 and 40 CFR 64] Federally Enforceable Through Title V Permit
- 19. The permittee shall maintain records sufficient to demonstrate compliance with each emission limit and permit requirement. These records shall contain each calculated emission quantity as well as each process variable used in the respective calculations. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

WADE BROUGHTON, 2000 W TURNER ROAD, LODI, CA 95240 N-355-1-7 : Jul 8 2011 8.21AM -- GONZALEV

PERMIT UNIT: N-355-2-7

**EXPIRATION DATE: 04/30/2016** 

#### **EQUIPMENT DESCRIPTION:**

CEREAL PLANT SYSTEM (PUFF I) SERVED BY NINE CYCLONES, FIVE BAGHOUSES, ONE SCRUBBER AND A FINISHED PRODUCT TRIPLE S DYNAMICS S-30 SCALPER (A-53) VENTED TO A FLEX KLEEN 58-WSBC-144-III-G **DUST COLLECTOR (AC-53)** 

#### PERMIT UNIT REQUIREMENTS

- Material dispensing system shall consists of the following: flour dispensing from bulk storage silo to day bins served by a FLEX-KLEEN MODEL 36CTBC18-IIIG dust collector (AC-60); flour scale aspirator served by a FLEX-KLEEN MODEL 36BVBC36-III-G dust collector (AC-61); material dispensing from bin #57 to day bins served by a shared HAF EQUIPMENT MODEL 36CF14S3G dust collector (AC-77) (shared with permit unit N-355-1); dry sweetener dispensing from bulk storage silo to day bins served by a shared FLEX KLEEN MODEL 58CTBC14IIIG (AC-78) (shared with permit unit N-355-1) and FLEX-KLEEN MODEL 10PBVBL9II dust collectors (AC-2); wet dough fines dispensing operation served by a FLEX-KLEEN MODEL 58-CTBS-8-II dust collector (AC-64); day bins served by an AERODYNE MODEL 12104-4 dust collector (AC-4); mixer served by an AERODYNE MODEL 120060088 dust collector (AC-11); regrinds dispensing to a mixer served by a MAC MODEL 88-AVR-06-026 dust collector (AC-80); wheat germ dispensing from bins to mixed-material product receiver served by a MAC MODEL 36AVR14-III dust collector (AC-45); mixed-material product receiver served by a HAF EQUIPMENT MODEL 58CT3283 dust collector (AC-101). [District Rule 2201] Federally Enforceable Through Title V Permit
- Material cooking system shall consists of the following: transition hopper supplying mixed material to cookers served by a HAF EQUIPMENT MODEL 18BV4 dust collector (AC-103); steam-jacketed cookers, receiver and steam-heated dryer served by a BOEDECKER DCP-30-196M168-38-G dust collector (AC-15); cyclone receiver and dry dough handling system consists of a screw conveyor and five electrically-heated conveyors served by a shared AAF-ROTOCLONE MODEL W12 WET-TYPE dust collector (AC-26) (shared with permit unit N-355-1). [District Rule 2201] Federally Enforceable Through Title V Permit
- Puff system shall consists of the following: five permit-exempt natural gas-fired superheaters (0.5 MMBTU/HR each) serving five puff-formers; five post-former cyclone receivers delivering product to a scalper on 3rd floor. [District Rule 2201] Federally Enforceable Through Title V Permit
- Cereal-flavor spraying and drying system shall consists of the following: enrobers served by a DUCON MODEL UW3-30 WET-TYPE dust collector (AC-42); steam-heated dryer served by an AAF-ROTOCLONE WRC16 1656297-5 WET-TYPE dust collector (AC-39-1) and an AAF-ROTOCLONE WRC24 1656297-7 WET-TYPE dust collector (AC-39-2) on cooler side; and steam-heated dryer served by an AAF-ROTOCLONE W33 WET-TYPE dust collector (AC-41). [District Rule 2201] Federally Enforceable Through Title V Permit
- Finished cereal scalp and conveyance system shall consists of the following: finish cereal conveyors served by a shared FLEX-KLEEN MODEL 58WSBC81-III dust collector (AC-44) (shared with permit unit N-355-1); scalper served by a shared FLEX-KLEEN 58CTBC54-IIIG dust collector (AC-68) (shared with permit unit N-355-1); scalper served by a FLEX-KLEEN MODEL 58USBC144-III dust collector (AC-53). [District Rule 2201] Federally Enforceable Through Title V Permit
- Particulate matter emissions shall not exceed 0.1 grain/dscf. [District Rule 4201] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE These terms and conditions are part of the Facility-wide Permit to Operate.

Facility Name: GENERAL MILLS OPERATIONS, INC

WADE BROUGHTON, 2000 W TURNER ROAD, LODI, CA 95240 Location:

- 7. Visible emissions from the exhaust of each dust collector (wet or dry) shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in any one hour. [District Rule 2201] Federally Enforceable Through Title V Permit
- 8. PM10 emissions from this permit unit shall not exceed 28.7 lb/day. [District Rule 2201] Federally Enforceable Through Title V Permit
- 9. The operator shall maintain the following water flow rates: a.) at least 1.0 gpm for AAF-Rotoclone Model W12 dust collector (AC-26), b.) at least 1.8 gpm for Ducon Model UW3-30 dust collector (AC-42), c.) at least 2.0 gpm for AAF-Rotoclone Model WRC16 1656297-5 dust collector (AC-39-1), d.) at least 3.5 gpm for AAF-Rotoclone Model WRC24 1656297-7 dust collector (AC-39-2), and e.) at least 4.0 gpm for AAF Model W33 dust collector (AC-41). [District Rule 2201] Federally Enforceable Through Title V Permit
- 10. Material removed from each dust collector (wet or dry) shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
- 11. The cleaning frequency and duration of each dust collector (wet or dry) shall be adjusted to optimize the control efficiency. [District Rule 2201] Federally Enforceable Through Title V Permit
- 12. Replacement bags numbering at least 10% of the total number of bags in the largest dust collector (dry), and for each type of bag, shall be maintained on the premises. [District Rule 2201] Federally Enforceable Through Title V Permit
- 13. Visible emissions from cyclones and dust collectors (wet or dry) that are in operation shall be checked daily. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2201 and 40 CFR 64] Federally Enforceable Through Title V Permit
- 14. Cyclones and dust collectors (wet or dry) shall be completely inspected annually for evidence of particulate matter breakthrough and repaired as needed. [District Rule 2201] Federally Enforceable Through Title V Permit
- 15. Dust collector (dry) filters shall be thoroughly inspected annually for tears, scuffs, abrasions, holes, or any evidence of particulate matter breakthrough and shall be replaced as needed. [District Rule 2201] Federally Enforceable Through Title V Permit
- 16. Records of cyclones and dust collectors (wet or dry) maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2201] Federally Enforceable Through Title V Permit
- 17. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation E=3.59xP^0.62 if P is less than or equal to 30 tons per hour, or E=17.37xP^0.62 if P is greater than 30 tons per hour (amended December 17, 1992). [District Rule 4202] Federally Enforceable Through Title V Permit
- 18. Water flow rate of each dust collector (wet) shall be monitored and recorded daily during operation of this unit. [District Rule 2201 and 40 CFR 64] Federally Enforceable Through Title V Permit
- 19. The permittee shall maintain records sufficient to demonstrate compliance with each emission limit and permit requirement. These records shall contain each calculated emission quantity as well as each process variable used in the respective calculations. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

**EXPIRATION DATE: 04/30/2016 PERMIT UNIT:** N-355-5-5

#### **EQUIPMENT DESCRIPTION:**

CEREAL PLANT PACKAGING SYSTEM: TWIN PACK LINE A SERVED BY A FLEX-KLEEN MODEL 20 PCBK3 III DUST COLLECTOR (AC-48), TWIN PACK LINE B SERVED BY A FLEX-KLEEN MODEL 20 PCBL3 III DUST COLLECTOR (AC-49), 8 SCALES SERVED BY 4 BOEDECKER MODEL DC-58-144-3B DUST COLLECTORS (2 SCALES/DUST COLLECTOR), 8 BAGGERS EACH SERVED BY A DEDICATED BOEDECKER MODEL RDP-25-3-3-B DUST COLLECTOR, WHICH ARE ALL VENTED TO A FLEX-KLEEN CYCLONIC RECEIVER WITH SOCK FILTER (AC-89), CEREAL FILLING STATION (A-104) SERVED BY A DUST COLLECTION HOOD VENTED TO AN AMERICAN AIR FILTER MODEL B WET TYPE ROTOCLONE COLLECTOR (AC-104)

#### PERMIT UNIT REQUIREMENTS

- 1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
- No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101] Federally Enforceable Through Title V Permit
- Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
- All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
- Visible emissions from each dust collector (wet or dry) shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in any one hour. [District Rule 2201] Federally Enforceable Through Title V **Permit**
- Visible emissions from baghouses and cyclones that are in operation shall be checked quarterly. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- Dust collection systems shall be completely inspected annually for evidence of particulate matter breakthrough and repaired as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- Baghouse dust collector filters shall be thoroughly inspected annually for tears, scuffs, abrasions, holes, or any evidence of particulate matter breakthrough and shall be replaced as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- PM10 emissions from this permit unit shall not exceed 0.3 lb/day. [District Rule 2201] Federally Enforceable Through Title V Permit
- 10. The permittee shall maintain records sufficient to demonstrate compliance with each emission limit and permit requirement. These records shall contain each calculated emission quantity as well as each process variable used in the respective calculations. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
- 11. Records of dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE These terms and conditions are part of the Facility-wide Permit to Operate.

Facility Name: GENERAL MILLS OPERATIONS, INC WADE BROUGHTON, 2000 W TURNER ROAD, LODI, CA 95240 Location:

N-355-5-5 : Jul 8 2011 9 21AM -- GONZALEV

- 12. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation E=3.59xP^0.62 if P is less than or equal to 30 tons per hour, or E=17.37xP^0.62 if P is greater than 30 tons per hour.(amended December 17, 1992) [District Rule 4202] Federally Enforceable Through Title V Permit
- 13. All records shall be retained for a period of at least five years and shall be made available for District inspection upon request. [District Rule 1070] Federally Enforceable Through Title V Permit

**PERMIT UNIT:** N-355-6-5

EXPIRATION DATE: 04/30/2016

#### **EQUIPMENT DESCRIPTION:**

BULK SWEETNER RECEIVING AND STORAGE OPERATION WITH ONE TRUCK RECEIVING PIT, TWO TRUCK/RAIL RECEIVING PITS, NINE FILTER RECEIVIERS, 48 STORAGE SILOS, AND ASSOCIATED CONVEYING EQUIPMENT, ALL SERVED BY TWENTY-NINE BIN VENT FILTERS AND NINE BAGHOUSES

#### PERMIT UNIT REQUIREMENTS

- Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally 1. Enforceable Through Title V Permit
- All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
- Visible emissions from each dust collector serving the bulk sweetener receiving and storage operation shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in any one hour. [District Rule 22011 Federally Enforceable Through Title V Permit
- Visible emissions from baghouses that are in operation shall be checked quarterly. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- Baghouse dust collection systems shall be completely inspected annually for evidence of particulate matter breakthrough and repaired as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- Baghouse dust collector filters shall be thoroughly inspected annually for tears, scuffs, abrasions, holes, or any evidence of particulate matter breakthrough and shall be replaced as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- 7. PM10 emissions from this operation shall not exceed 1.2 pounds in any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
- Sufficient records of production and emission factor data to verify compliance with the permitted emission limits shall be maintained on the premises and shall be updated daily. [District Rule 1070 and 2201] Federally Enforceable Through Title V Permit
- Records of baghouse dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- 10. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation E=3.59xP^0.62 if P is less than or equal to 30 tons per hour, or E=17.37xP^0.62 if P is greater than 30 tons per hour (amended December 17, 1992) [District Rule 4202] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

Facility Name: GENERAL MILLS OPERATIONS, INC Location: WADE BROUGHTON, 2000 W TURNER ROAD, LODI, CA 95240 N-355-6: Jul 8 2011 9 21AM - GONZALEV

**PERMIT UNIT:** N-355-7-4

EXPIRATION DATE: 04/30/2016

#### **EQUIPMENT DESCRIPTION:**

DRY MIX PLANT SYSTEM: PRE-MIX OPERATION CONSISTING OF BAG DUMP, MIXER AND SIFTER; SIX DAY BINS (H-17) VENTED TO A BAGHOUSE (HC-17); MINOR INGREDIENTS RECEIVER, DRY INGREDIENTS RECEIVER, AND PRE-MIXER VENTED TO A BAGHOUSE (HC-18)

#### PERMIT UNIT REQUIREMENTS

- Visible emissions from the dust collector serving the bag dump receiving and day bin storage shall not exceed 5% opacity for a period or periods aggregating more than three minutes in any one hour. [District NSR Rule] Federally Enforceable Through Title V Permit
- Visible emissions from the dust collector serving the premix mixer #23 shall not exceed 5% opacity for a period or periods aggregating more than three minutes in any one hour. [District NSR Rule] Federally Enforceable Through Title V Permit
- Each dust collector shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauges shall be maintained in good working condition at all times and shall be located in easily accessible locations. [District NSR Rule] Federally Enforceable Through Title V Permit
- Material removed from dust collectors shall be disposed of in a manner preventing entrainment into the atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
- The cleaning frequency and duration of the dust collectors shall be adjusted to optimize the control efficiency. [District NSR Rule] Federally Enforceable Through Title V Permit
- Replacement bags or cartridges numbering at least 10% of the total number of bags or cartridges in the largest dust collector using each type of bag or cartridge shall be maintained on the premises. [District NSR Rule] Federally Enforceable Through Title V Permit
- The PM10 emissions from the bag dump hopper, the sifter, and the six day bins shall not exceed 0.04 pounds during 7. any one hour. [District NSR Rule] Federally Enforceable Through Title V Permit
- The PM10 emissions from the premixing operation including mixer #23 shall not exceed 0.05 pounds during any one 8. hour. [District NSR Rule] Federally Enforceable Through Title V Permit
- Visible emissions from baghouses, that are in operation shall be checked quarterly. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- 10. Baghouse dust collection systems shall be completely inspected annually for evidence of particulate matter breakthrough and repaired as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- 11. Baghouse dust collector filters shall be thoroughly inspected annually for tears, scuffs, abrasions, holes, or any evidence of particulate matter breakthrough and shall be replaced as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE These terms and conditions are part of the Facility-wide Permit to Operate.

Facility Name: GENERAL MILLS OPERATIONS, INC

WADE BROUGHTON, 2000 W TURNER ROAD, LODI, CA 95240 Location:

- 12. Records of baghouse dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- 13. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation E=3.59xP^0.62 if P is less than or equal to 30 tons per hour, or E=17.37xP^0.62 if P is greater than 30 tons per hour (amended December 17, 1992) [District Rule 4202] Federally Enforceable Through Title V Permit
- 14. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit

PERMIT UNIT: N-355-9-3 EXPIRATION DATE: 04/30/2016

**EQUIPMENT DESCRIPTION:** 

MIX PLANT SYSTEM (MIXER #24A) SERVED BY A BAGHOUSE

#### PERMIT UNIT REQUIREMENTS

- 1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
- 2. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
- 3. The District shall be notified of any breakdown conditions in accordance with Rule 1100 (Equipment Breakdown as amended December 17, 1992). [District Rule 1100] Federally Enforceable Through Title V Permit
- 4. Visible emissions from baghouses that are in operation shall be checked quarterly. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- 5. Baghouse dust collection system shall be completely inspected annually for evidence of particulate matter breakthrough and repaired as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- 6. Baghouse dust collector filters shall be thoroughly inspected annually for tears, scuffs, abrasions, holes, or any evidence of particulate matter breakthrough and shall be replaced as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- 7. Records of baghouse dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- 8. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation E=3.59xP^0.62 if P is less than or equal to 30 tons per hour, or E=17.37xP^0.62 if P is greater than 30 tons per hour.(amended December 17, 1992) [District Rule 4202] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

Facility Name: GENERAL MILLS OPERATIONS, INC

.ocation: WADE BROUGHTON, 2000 W TURNER ROAD, LODI, CA 95240

**PERMIT UNIT:** N-355-10-3

EXPIRATION DATE: 04/30/2016

**EQUIPMENT DESCRIPTION:** 

MIX PLANT SYSTEM (MIXER 24-B) SERVED BY A BAGHOUSE

#### PERMIT UNIT REQUIREMENTS

- 1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
- 2. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
- 3. The District shall be notified of any breakdown conditions in accordance with Rule 1100 (Equipment Breakdown as amended December 17, 1992). [District Rule 1100] Federally Enforceable Through Title V Permit
- 4. Visible emissions from baghouses that are in operation shall be checked quarterly. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- 5. Baghouse dust collection system shall be completely inspected annually for evidence of particulate matter breakthrough and repaired as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- 6. Baghouse dust collector filters shall be thoroughly inspected annually for tears, scuffs, abrasions, holes, or any evidence of particulate matter breakthrough and shall be replaced as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- 7. Records of baghouse dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- 8. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation E=3.59xP^0.62 if P is less than or equal to 30 tons per hour, or E=17.37xP^0.62 if P is greater than 30 tons per hour.(amended December 17, 1992) [District Rule 4202] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

Facility Name: GENERAL MILLS OPERATIONS, INC
Location: WADE BROUGHTON, 2000 W TURNER ROAD, LODI, CA 95240
N-355-10-3: Jul 8 2011 9 21AM — GONZALEY

**PERMIT UNIT:** N-355-11-3 **EXPIRATION DATE: 04/30/2016** 

**EQUIPMENT DESCRIPTION:** 

MIX PLANT SYSTEM (MIXER #25) SERVED BY A BAGHOUSE

#### PERMIT UNIT REQUIREMENTS

- Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
- All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
- The District shall be notified of any breakdown conditions in accordance with Rule 1100 (Equipment Breakdown as amended December 17, 1992). [District Rule 1100] Federally Enforceable Through Title V Permit
- Visible emissions from baghouses that are in operation shall be checked quarterly. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- Baghouse dust collection system shall be completely inspected annually for evidence of particulate matter breakthrough and repaired as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- Baghouse dust collector filters shall be thoroughly inspected annually for tears, scuffs, abrasions, holes, or any evidence of particulate matter breakthrough and shall be replaced as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- Records of baghouse dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation E=3.59xP^0.62 if P is less than or equal to 30 tons per hour, or E=17.37xP^0.62 if P is greater than 30 tons per hour (amended December 17, 1992) [District Rule 4202] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

Facility Name: GENERAL MILLS OPERATIONS, INC

Location: WADE BROUGHTON, 2000 W TURNER ROAD, LODI, CA 95240 N-355-11-3: Jul 8 2011 9 21AM - GONZALEV

PERMIT UNIT: N-355-12-3 EXPIRATION DATE: 04/30/2016

**EQUIPMENT DESCRIPTION:** 

MIX PLANT SYSTEM (MIXER #26) SERVED BY A BAGHOUSE

#### PERMIT UNIT REQUIREMENTS

- 1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
- 2. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
- 3. The District shall be notified of any breakdown conditions in accordance with Rule 1100 (Equipment Breakdown as amended December 17, 1992). [District Rule 1100] Federally Enforceable Through Title V Permit
- 4. Visible emissions from baghouses that are in operation shall be checked quarterly. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- 5. Baghouse dust collection system shall be completely inspected annually for evidence of particulate matter breakthrough and repaired as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- 6. Baghouse dust collector filters shall be thoroughly inspected annually for tears, scuffs, abrasions, holes, or any evidence of particulate matter breakthrough and shall be replaced as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- 7. Records of baghouse dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- 8. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation E=3.59xP^0.62 if P is less than or equal to 30 tons per hour, or E=17.37xP^0.62 if P is greater than 30 tons per hour.(amended December 17, 1992) [District Rule 4202] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

Facility Name: GENERAL MILLS OPERATIONS, INC

Location: WADE BROUGHTON, 2000 W TURNER ROAD, LODI, CA 95240

**PERMIT UNIT:** N-355-13-3

**EXPIRATION DATE: 04/30/2016** 

**EQUIPMENT DESCRIPTION:** 

MIX PLANT SYSTEM (MIXER#27) SERVED BY A BAGHOUSE

#### PERMIT UNIT REQUIREMENTS

- 1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
- 2. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
- 3. The District shall be notified of any breakdown conditions in accordance with Rule 1100 (Equipment Breakdown as amended December 17, 1992). [District Rule 1100] Federally Enforceable Through Title V Permit
- 4. Visible emissions from baghouses that are in operation shall be checked quarterly. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- 5. Baghouse dust collection system shall be completely inspected annually for evidence of particulate matter breakthrough and repaired as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- 6. Baghouse dust collector filters shall be thoroughly inspected annually for tears, scuffs, abrasions, holes, or any evidence of particulate matter breakthrough and shall be replaced as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- 7. Records of baghouse dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- 8. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation E=3.59xP^0.62 if P is less than or equal to 30 tons per hour, or E=17.37xP^0.62 if P is greater than 30 tons per hour.(amended December 17, 1992) [District Rule 4202] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

Facility Name: GENERAL MILLS OPERATIONS, INC

Location: WADE BROUGHTON,2000 W TURNER ROAD,LODI, CA 95240
N-355-13-3: Jul 82011 9:22AM - GONZALEV

**PERMIT UNIT:** N-355-14-3 EXPIRATION DATE: 04/30/2016

**EQUIPMENT DESCRIPTION:** 

MIX PLANT SYSTEM (MIXER #28) SERVED BY A BAGHOUSE

#### PERMIT UNIT REQUIREMENTS

- Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
- All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
- The District shall be notified of any breakdown conditions in accordance with Rule 1100 (Equipment Breakdown as amended December 17, 1992). [District Rule 1100] Federally Enforceable Through Title V Permit
- Visible emissions from baghouses that are in operation shall be checked quarterly. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- Baghouse dust collection system shall be completely inspected annually for evidence of particulate matter breakthrough and repaired as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- Baghouse dust collector filters shall be thoroughly inspected annually for tears, scuffs, abrasions, holes, or any evidence of particulate matter breakthrough and shall be replaced as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- Records of baghouse dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation E=3.59xP\0.62 if P is less than or equal to 30 tons per hour, or E=17.37xP\0.62 if P is greater than 30 tons per hour.(amended December 17, 1992) [District Rule 4202] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

Facility Name: GENERAL MILLS OPERATIONS, INC Location: WADE BROUGHTON, 2000 W TURNER ROAD, LODI, CA 95240 N-355-14-3: Jul 8 2011 9 222M - GONZALEV

**PERMIT UNIT:** N-355-16-7 **EXPIRATION DATE: 04/30/2016** 

#### **EQUIPMENT DESCRIPTION:**

DRY MIX PLANT - SEASONING MIXER SYSTEM CONSISTING OF ONE BAG DUMP STATION/SCALPER (H-27) AND ONE SEASONING MIXER (H-28) ALL VENTED TO A FLEX KLEEN MODEL 58-BV-9-II DUST COLLECTOR (HC-27); ONE BAG DUMP STATION; THREE DAY BINS (H-65, H-66, & H-67) EACH VENTED TO AN HAF EQUIPMENT MODEL 58-BV-9-S-II-G DUST COLLECTOR (H-65, H-66 & H-67); ONE SCALE HOPPER RECEIVER (H-64) VENTED TO AN INTEGRAL HAF EQUIPMENT MODEL 18-CT-62-S-II DUST COLLECTOR (HC-64); ONE SUPER SACK DUMP-HOPPER, ONE SCALPER, AND ONE DAY BIN (H-86) ALL VENTED TO AN HAF EQUIPMENT MODEL 58-BV-25-S-2-G DUST COLLECTOR (HC-86)

#### PERMIT UNIT REQUIREMENTS

- Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
- Visible emissions from each dust collector serving the dry mix plant shall not exceed 5% opacity for a period or periods aggregating more than three minutes in any one hour. [District NSR Rule] Federally Enforceable Through Title V Permit
- All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
- Each dust collector shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District NSR Rule] Federally Enforceable Through Title V Permit
- Material removed from each dust collectors shall be disposed of in a manner preventing entrainment into the atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
- The cleaning frequency and duration of each dust collector shall be adjusted to optimize the control efficiency. [District NSR Rule] Federally Enforceable Through Title V Permit
- Replacement filter media numbering at least 10% of the total number of individual filters in the largest dust collector using each type of filter shall be maintained on the premises. [District NSR Rule] Federally Enforceable Through Title V Permit
- PM10 emissions from this operation shall not exceed 3.7 pounds during any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
- Visible emissions from dust collectors that are in operation shall be checked quarterly. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- 10. Each dust collection systems shall be completely inspected annually for evidence of particulate matter breakthrough and repaired as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- 11. Dust collector filters shall be thoroughly inspected annually for tears, scuffs, abrasions, holes, or any evidence of particulate matter breakthrough and shall be replaced as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE These terms and conditions are part of the Facility-wide Permit to Operate.

Facility Name: GENERAL MILLS OPERATIONS, INC

- 12. Records of dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- 13. The permittee shall maintain records sufficient to demonstrate compliance with the daily emission limit. These records shall contain each calculated emission quantity as well as each process variable used in the respective calculations. All records shall be retained for a minimum of five years, and shall be made available for District inspection upon request. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
- 14. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation E=3.59xP^0.62 if P is less than or equal to 30 tons per hour, or E=17.37xP^0.62 if P is greater than 30 tons per hour. [District Rule 4202] Federally Enforceable Through Title V Permit

WADE BROUGHTON, 2000 W TURNER ROAD, LODI, CA 95240 Location:

N-355-16-7 : Jul 8 2011 9:22AM -- GONZALEV

**PERMIT UNIT:** N-355-17-4

**EXPIRATION DATE: 04/30/2016** 

#### **EQUIPMENT DESCRIPTION:**

MIX PLANT SYSTEM (FLOUR GRINDING) SYSTEM SERVED BY ONE BAGHOUSE AND TWO BIN VENT FILTERS

#### PERMIT UNIT REQUIREMENTS

- Visible emissions from the HAF Equipment, Inc. dust collector (HC-47A) serving the flour day bin shall not exceed 5% opacity for a period or periods aggregating more than three minutes in any one hour. [District NSR Rule] Federally Enforceable Through Title V Permit
- Visible emissions from the HAF Equipment, Inc. dust collector (HC-62) serving the transition hopper for mixer #23 shall not exceed 5% opacity for a period or periods aggregating more than three minutes in any one hour. [District NSR Rulel Federally Enforceable Through Title V Permit
- Dust collectors HC-47A and HC-62 shall each be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauges shall be maintained in good working condition at all times and shall be located in easily accessible locations. [District NSR Rule] Federally Enforceable Through Title V Permit
- The cleaning frequency and duration of dust collectors HC-47 and HC-62 shall be adjusted to optimize the control efficiency. [District NSR Rule] Federally Enforceable Through Title V Permit
- Replacement bags numbering at least 10% of the total number of bags in dust collector HC-47 shall be maintained on the premises. [District NSR Rule] Federally Enforceable Through Title V Permit
- At least one (1) replacement bag for dust collector HC-62 shall be maintained on the premises. [District NSR Rule] Federally Enforceable Through Title V Permit
- The PM10 emissions from the flour day bin (H-47) vented to a HAF Equipment, Inc. model 84-BV-36-S-3G dust collector (HC-47A) shall not exceed 0.07 pounds during any one hour. [District NSR Rule] Federally Enforceable Through Title V Permit
- The PM10 emissions from the transition hopper for mixer #23 vented to a HAF Equipment, Inc. model 36-BV-4-S2G dust collector (HC-62) shall not exceed 0.02 pounds during any one hour. [District NSR Rule] Federally Enforceable Through Title V Permit
- Visible emissions from baghouse and bin vent filters that are in operation shall be inspected quarterly. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- 10. Baghouse and bin vent dust collection system shall be completely inspected annually for evidence of particulate matter breakthrough and repaired as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- 11. Baghouse and bin vent dust collector filters shall be thoroughly inspected annually for tears, scuffs, abrasions, holes, or any evidence of particulate matter breakthrough and shall be replaced as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- 12. Records of baghouse dust collector and bin vent filters maintenance, inspections, and repairs shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection, [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE These terms and conditions are part of the Facility-wide Permit to Operate.

Facility Name: GENERAL MILLS OPERATIONS, INC WADE BROUGHTON, 2000 W TURNER ROAD, LODI, CA 95240 Location:

N-355-17-4 : Jul 8 2011 9:22AM -- GONZALEN

- 13. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation E=3.59xP^0.62 if P is less than or equal to 30 tons per hour, or E=17.37xP^0.62 if P is greater than 30 tons per hour.(amended December 17, 1992) [District Rule 4202] Federally Enforceable Through Title V Permit
- 14. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit

**PERMIT UNIT: N-355-18-3** 

EXPIRATION DATE: 04/30/2016

**EQUIPMENT DESCRIPTION:** 

MIX PLANT SYSTEM (SUGAR SYSTEM) SERVED BY SIX BAGHOUSES

#### PERMIT UNIT REQUIREMENTS

- Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
- 2. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
- 3. The District shall be notified of any breakdown conditions in accordance with Rule 1100 (Equipment Breakdown as amended December 17, 1992). [District Rule 1100] Federally Enforceable Through Title V Permit
- Visible emissions from baghouses that are in operation shall be checked quarterly. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- Baghouse dust collection systems shall be completely inspected annually for evidence of particulate matter breakthrough and repaired as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- Baghouse dust collector filters shall be thoroughly inspected annually for tears, scuffs, abrasions, holes, or any evidence of particulate matter breakthrough and shall be replaced as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- Records of baghouse dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation E=3.59xP^0.62 if P is less than or equal to 30 tons per hour, or E=17.37xP^0.62 if P is greater than 30 tons per hour (amended December 17, 1992) [District Rule 4202] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

Facility Name: GENERAL MILLS OPERATIONS. INC Location:

WADE BROUGHTON, 2000 W TURNER ROAD, LODI, CA 95240 5-18-3 : Jul 8 2011 9.22AM -- GONZALEV

**PERMIT UNIT: N-355-20-9** 

**EXPIRATION DATE: 04/30/2016** 

#### **EQUIPMENT DESCRIPTION:**

48.3 MMBTU/HR TRANE-MURRAY MODEL MCF2-50 BOILER EQUIPPED WITH A NATCOM MODEL P-52-G-24-1419 **ULTRA LOW-NOX BURNER** 

#### PERMIT UNIT REQUIREMENTS

- Pursuant to Rule 4320, beginning in 2010 the operator shall pay an annual emission fee to the District for NOx emissions from this unit for the previous calendar year. Payments are due by July 1 of each year. Payments shall continue annually until either the unit is permanently removed from service in the District or the operator demonstrates compliance with the applicable NOx emission limit listed in Rule 4320. [District Rule 4320]
- No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
- No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101] Federally Enforceable Through Title V Permit
- Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
- The unit shall be fired on PUC-regulated natural gas as the primary fuel and LPG as the back-up fuel. [District Rule 2201] Federally Enforceable Through Title V Permit
- NOx emissions from natural gas or LPG combustion shall not exceed 9.0 ppmvd @ 3% O2 referenced as NO2. [District Rules 2201 and 4306] Federally Enforceable Through Title V Permit
- CO emissions from natural gas or LPG combustion shall not exceed 50 ppmvd @ 3% O2. [District Rules 2201 and 4306] Federally Enforceable Through Title V Permit
- SOx emissions from natural gas combustion shall not exceed 0.00285 lb/MMBtu. [District Rule 2201] Federally Enforceable Through Title V Permit
- SOx emissions from LPG combustion shall not exceed 0.017 lb/MMBtu. [District Rule 2201] Federally Enforceable Through Title V Permit
- 10. PM10 emissions from natural gas or LPG combustion shall not exceed 0.0076 lb/MMBtu. [District Rule 2201] Federally Enforceable Through Title V Permit
- 11. VOC emissions from natural gas or LPG combustion shall not exceed 0.0055 lb/MMBtu. [District Rule 2201] Federally Enforceable Through Title V Permit
- 12. If the unit is fired on back-up fuel for a period exceeding 100 cumulative hours in a calendar year, the permittee shall perform source test to measure NOx and CO emissions from back-up fuel combustion within next 60 days. [District Rule 2201] Federally Enforceable Through Title V Permit
- 13. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified at least 30 days prior to any compliance source test, and a source test plan must be submitted for approval at least 15 days prior to testing. [District Rule 1081] Federally Enforceable Through Title V Permit

Facility Name: GENERAL MILLS OPERATIONS, INC

Location: WADE BROUGHTON,2000 W TURNER ROAD,LODI, CA 95240
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- 14. Source testing to measure natural gas-combustion NOx and CO emissions from this unit shall be conducted at least once every twelve (12) months. After demonstrating compliance on two (2) consecutive annual source tests, the unit shall be tested not less than once every thirty-six (36) months. If the result of the 36-month source test demonstrates that the unit does not meet the applicable emission limits, the source testing frequency shall revert to at least once every twelve (12) months. [District Rule 4306] Federally Enforceable Through Title V Permit
- 15. All emissions measurements shall be made with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. No determination of compliance shall be established within two hours after a continuous period in which fuel flow to the unit is shut off for 30 minutes or longer, or within 30 minutes after a re-ignition as defined in Section 3.0 of District Rule 4306. [District Rule 4306] Federally Enforceable Through Title V Permit
- 16. For emissions source testing, the arithmetic average of three 30-consecutive-minute test runs shall apply. If two of three runs are above an applicable limit the test cannot be used to demonstrate compliance with an applicable limit. [District Rule 4306] Federally Enforceable Through Title V Permit
- 17. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081] Federally Enforceable Through Title V Permit
- 18. NOx emissions for source test purposes shall be determined using EPA Method 7E or ARB Method 100 on a ppmv basis. [District Rule 4306] Federally Enforceable Through Title V Permit
- 19. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. [District Rule 4306] Federally Enforceable Through Title V Permit
- 20. Stack gas oxygen (O2) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rule 4306] Federally Enforceable Through Title V Permit
- 21. The permittee shall monitor and record the stack concentration of NOx, CO, and O2 at least once every month (in which a source test is not performed) using a portable emission monitor that meets District specifications. Monitoring shall not be required if the unit is not in operation, i.e. the unit need not be started solely to perform monitoring. Monitoring shall be performed within 5 days of restarting the unit unless monitoring has been performed within the last month. [District Rule 4306] Federally Enforceable Through Title V Permit
- 22. If either the NOx or CO concentrations corrected to 3% O2, as measured by the portable analyzer, exceed the allowable emissions concentration, the permittee shall return the emissions to within the acceptable range as soon as possible, but no longer than 1 hour of operation after detection. If the portable analyzer readings continue to exceed the allowable emissions concentration after 1 hour of operation after detection, the permittee shall notify the District within the following 1 hour and conduct a certified source test within 60 days of the first exceedance. In lieu of conducting a source test, the permittee may stipulate a violation has occurred, subject to enforcement action. The permittee must then correct the violation, show compliance has been re-established, and resume monitoring procedures. If the deviations are the result of a qualifying breakdown condition pursuant to Rule 1100, the permittee may fully comply with Rule 1100 in lieu of the performing the notification and testing required by this condition. [District Rule 4306] Federally Enforceable Through Title V Permit
- 23. All alternate monitoring parameter emission readings shall be taken with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. The analyzer shall be calibrated, maintained, and operated in accordance with the manufacturer's specifications and recommendations or a protocol approved by the APCO. Emission readings taken shall be averaged over a 15 consecutive-minute period by either taking a cumulative 15 consecutive-minute sample reading or by taking at least five (5) readings, evenly spaced out over the 15 consecutive-minute period. [District Rule 4306] Federally Enforceable Through Title V Permit
- 24. The permittee shall maintain records of: (1) the date and time of NOx, CO, and O2 measurements, (2) the O2 concentration in percent and the measured NOx and CO concentrations corrected to 3% O2, (3) make and model of exhaust gas analyzer, (4) exhaust gas analyzer calibration records, and (5) a description of any corrective action taken to maintain the emissions within the acceptable range. [District Rule 4306] Federally Enforceable Through Title V Permit

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- 25. The permittee shall maintain records that include the date and the number of hours of operation when unit is fired on LPG. [District Rule 4306] Federally Enforceable Through Title V Permit
- 26. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rules 1070, and 4306] Federally Enforceable Through Title V Permit

**PERMIT UNIT:** N-355-21-6 EXPIRATION DATE: 04/30/2016

#### **EQUIPMENT DESCRIPTION:**

3.48 MW COGENERATION SYSTEM CONSISTING OF AN ALLISON MODEL 501 KB GAS TURBINE WITH AN **ELECTRIC MOTOR STARTER** 

#### PERMIT UNIT REQUIREMENTS

- This unit shall be fired exclusively on PUC-quality natural gas as defined in 40 CFR 60.331(u) which has a total sulfur content of less than or equal to 1.0 gr/100 scf. [40 CFR 60.333(b), District Rule 4201, County Rules 404 (Madera), 406 (Fresno), and 407 (Kings, Merced, San Joaquin, Tulare, Kern, and Stanislaus County)] Federally Enforceable Through Title V Permit
- Sulfur compound emissions shall not exceed 0.2% by volume, 2,000 ppmv, on a dry basis averaged over 15 consecutive minutes. [40 CFR 60.333(a); District Rule 4801, County Rules 404 (Madera), 406 (Fresno), and 407 (Kings, Merced, San Joaquin, Tulare, Kern, and Stanislaus)] Federally Enforceable Through Title V Permit
- The sulfur content of each fuel source shall be: (i) documented in a valid purchase contract, a supplier certification, a tariff sheet or transportation contract or (ii) monitored weekly using ASTM Methods D4084, D5504, D6228, or Gas Processors Association Standard 2377. If sulfur content is less than 1.0 gr/100 scf for 8 consecutive weeks, then the Monitoring frequency shall be every six months. If any six month monitoring show an exceedance, weekly monitoring shall resume. [40 CFR 60.334(h)(3) and District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- If this unit is fired on PUC-regulated natural gas, then maintain on file copies of natural gas bills. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201, 3.1] Federally Enforceable Through Title V Permit
- Water must be injected directly into the turbine's primary combustion zone at a water-to-fuel ratio of 0.8 to 1. [District Rule 2201] Federally Enforceable Through Title V Permit
- Water injection system supply at the inlet to the turbine shall have an operational flow meter. The flow meter shall be equipped with a flow totalizer. [District Rule 2201] Federally Enforceable Through Title V Permit
- The owner or operator shall not operate the gas turbine under load conditions, excluding the start-up, shutdown or reduced load period, which results in the measured NOx emissions concentration exceeding 35.0 ppmyd @ 15% O2 referenced as NO2. [District Rules 2201, and 4703, 5.1.2] Federally Enforceable Through Title V Permit
- The owner or operator shall not operate the gas turbine under load conditions, excluding the start-up, shutdown or reduced load period, which results in the measured CO emissions concentration exceeding 200 ppmvd @ 15% O2. [District Rule 4703, 5.2] Federally Enforceable Through Title V Permit
- 10. Start-up shall be defined as the period of time during which a unit is brought from a shutdown status to its operating temperature and pressure, including the time required by the unit's emission control system to reach full operation. [District Rule 4703, 3.24] Federally Enforceable Through Title V Permit
- 11. Shutdown shall be defined as the period of time during which a unit is taken from an operational to a non-operational status by allowing it to cool down from its operating temperature to ambient temperature as the fuel supply to the unit is completely turned off. [District Rule 4703, 3.21] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE These terms and conditions are part of the Facility-wide Permit to Operate.

Facility Name: GENERAL MILLS OPERATIONS, INC WADE BROUGHTON, 2000 W TURNER ROAD, LODI, CA 95240 55-21-8 : Jul 8 2011 9:22AM -- GONZALEV

Location:

- 12. Reduced Load Period shall be defined as the time during which a gas turbine is operated at less than rated capacity in order to change the exhaust gas diverter gate not exceeding one hour. [District Rule 4703, 3.19] Federally Enforceable Through Title V Permit
- 13. Total NOx emissions from the cogeneration system (Permit N-355-21) and the duct burner system (Permit N-355-22) shall not exceed 250 pounds during any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
- 14. Total SOx emissions from the cogeneration system (Permit N-355-21) and the duct burner system (Permit N-355-22) shall not exceed 218 pounds during any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
- 15. The owner or operator shall be required to conform to the sampling facilities, test methods and procedures described in District Rule 1081. [District Rule 1081, 3.0 and 6.0] Federally Enforceable Through Title V Permit
- 16. The District must be notified 30 days prior to any performance testing and a test plan shall be submitted for District approval 15 days prior to such testing. [District Rule 1081, 7.1] Federally Enforceable Through Title V Permit
- 17. Performance testing shall be conducted annually or as required by the Air Pollution Control Officer to measure NOx and CO emission concentrations using the following test methods: EPA Methods 7E or 20 for NOx emissions, EPA Methods 10 or 10B for CO emissions, EPA Methods 3, 3A, or 20 for Oxygen content of the exhaust gas. The 3-run tests shall be performed at four evenly spaced load points in the normal operating range of the gas turbine. The measured NOx concentrations shall be averaged over a three hour period, using consecutive 15-minute sampling periods. [40 CFR 60.335(a), (b)(2) and District Rule 4703, 6.3.1, 6.3.2 and 6.4] Federally Enforceable Through Title V **Permit**
- 18. Any gas turbine with an intermittently operated auxiliary burner shall demonstrate compliance with the auxiliary burner both on and off. [40 CFR 60.335(b) and District Rule 4703, 6.3.3] Federally Enforceable Through Title V Permit
- 19. The HHV and LHV of the fuel combusted shall be determined using ASTM D3588, ASTM 1826, or ASTM 1945. [40] CFR 60.332(a) and (b) and District Rule 4703, 6.4.5] Federally Enforceable Through Title V Permit
- 20. During the performance testing, the steam or water to fuel ratio shall be monitored concurrently with each testing run to establish acceptable values and ranges. This performance data may be supplemented with engineering analyses, design specifications, manufacturer's recommendations, and other relevant information to define acceptable parametric ranges more precisely. [40 CFR 60.334(g) and 40 CFR 60.335(b)(3)] Federally Enforceable Through Title V Permit
- 21. Performance testing shall be witnessed by authorized District personnel. Test results must be submitted to the District within 60 days of performance testing. [District Rule 1081, 7.2 and 7.3] Federally Enforceable Through Title V Permit
- 22. Permittee shall submit to the APCO the information correlating the control system operating parameters to the associated measured NOx output. [District Rule 4703, 6.2.3] Federally Enforceable Through Title V Permit
- The owner or operator shall operate and maintain in calibration a system which continuously measures and records: control system operating parameters, elapsed time of operation of the turbine, and the fuel consumption and the ratio of water to fuel being fired in the turbine. [40 CFR 60.334(a) and District Rule 4703, 6.2.2] Federally Enforceable Through Title V Permit
- 24. The owner or operator shall submit a semi-annual excess NOx emissions and monitor down time report to the APCO. Excess emissions shall be reported for all periods of operation, including startup, shutdown and malfunction. The report, post marked by 30th day following the end of every other calendar quarter, shall include the following: Time intervals, average steam or water to fuel ratio, turbine load, nature and the cause of excess emissions (if known), and corrective actions taken and preventive measures adopted. [40 CFR 60.334(j), (j)(5) and District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- 25. Excess emissions shall be defined as any operating hour for which steam or water to fuel ratio, as measured by continuous monitoring system, falls below established steam or water to fuel ratio. Any operating hour in which no steam or water is injected into turbine shall also be considered an excess emissions. [40 CFR 60.334(J)(1)(i)(A)] Federally Enforceable Through Title V Permit

- 26. Monitor downtime shall be defined as any unit operating hour in which water or steam is injected into the turbine, but essential parametric data needed to determine the steam or water to fuel ratio are unavailable or invalid. [40 CFR 60.334(j)(1)(i)(B)] Federally Enforceable Through Title V Permit
- 27. Owner or operator shall maintain a stationary gas turbine system operating log that includes, on a daily basis, the actual local time start-up and stop time, length and reason for reduced load periods, total hours of operation, type and quantity of fuel used. [District Rule 4703, 6.2.6] Federally Enforceable Through Title V Permit
- 28. Operator performing start-up or shutdown of the turbine shall keep records of the duration of start-up or shutdown. [District Rule 4703, 6.2.8] Federally Enforceable Through Title V Permit
- 29. The requirements of 40 CFR 72.6 (b) do not apply to this source because only non-Title IV sources can qualify to use the applicable template. A permit shield is granted from this requirement. [District Rules 2520, 13.2 and 4703, 6.2] Federally Enforceable Through Title V Permit
- 30. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following subsumed requirements: Rules 404 (Madera), 406 (Fresno), and 407 (Kings, Merced, San Joaquin, Tulare, Kern, and Stanislaus). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V **Permit**
- 31. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following applicable requirements: 40 CFR 60.332 (a)(1), (a)(2), 60.333 (b); 60.334(b), (g), (h)(3), (j), (j)(1)(i)(A), (j)(1)(i)(B), and (j)(5); 60.335(a), (b)(2), (b)(3); and District Rule 4703 (as amended 4/25/02), Sections 5.1.2.1, 5.2, 6.2.2, 6.4, and 6.2.6. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
- 32. Compliance with permit conditions in the Title V permit shall be deemed compliance with District Rules 1081 (as amended 12/16/93), Section 3.0, 6.0, 7.1, 7.2, and 7.3 and 4201 (as amended 12/17/92). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit

N-355-21-6 : Jul 8 2011 9 22AM - GONZALEV

**PERMIT UNIT:** N-355-22-3

**EXPIRATION DATE: 04/30/2016** 

**EQUIPMENT DESCRIPTION:** 

16 MMBTU/HR DUCT BURNER SYSTEM

#### PERMIT UNIT REQUIREMENTS

- 1. The duct burners shall be fired exclusively on PUC-regulated natural gas. [District NSR Rule, District Rule 4301, 5.2.1, District Rule 4801, and San Joaquin County Rule 407.] Federally Enforceable Through Title V Permit
- 2. The duct burners shall utilize two stage low NOx combustion. [District NSR Rule] Federally Enforceable Through Title V Permit
- 3. Total NOx emissions from the cogeneration system (Permit N-355-21) and the duct burner system (Permit N-355-22) shall not exceed 250 pounds during any one day. [District NSR Rule] Federally Enforceable Through Title V Permit
- 4. Total SOx emissions from the cogeneration system (Permit N-355-21) and the duct burner system (Permit N-355-22) shall not exceed 218 pounds during any one day. [District NSR Rule] Federally Enforceable Through Title V Permit
- 5. Performance testing to document NOx emissions shall be conducted annually or as required by the Air Pollution Control Officer. The District shall be notified 15 days in advance of the scheduled performance testing. [District NSR Rule] Federally Enforceable Through Title V Permit
- 6. The results of performance testing shall be submitted to the District within 30 days of each test. [District NSR Rule] Federally Enforceable Through Title V Permit
- 7. Particulate matter emissions shall not exceed 0.1 grain/dscf, calculated to 12% CO2, nor 10 lb/hr. [District Rules 4201, 3.1 and 4301, 5.1 and 5.2.3] Federally Enforceable Through Title V Permit
- 8. Nitrogen oxide (NOx) emissions shall not exceed 140 lb/hr, calculated as NO2. [District Rules 4301, 5.2.2, 5.3, and 5.5] Federally Enforceable Through Title V Permit
- 9. Nitrogen oxides (NOx) concentrations shall be determined using EPA Method 7E or ARB Method 100. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- 10. Operator shall ensure that all required source testing conforms to the compliance testing procedures described in District Rule 1081. [District Rule 1081] Federally Enforceable Through Title V Permit
- 11. Operator shall maintain copies of fuel invoices. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit

**PERMIT UNIT:** N-355-23-3

**EXPIRATION DATE: 04/30/2016** 

**EQUIPMENT DESCRIPTION:** 

BULK MATERIAL MIXING (MIXER #23) SERVED BY A BAGHOUSE

## PERMIT UNIT REQUIREMENTS

- 1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
- 2. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District NSR Rule] Federally Enforceable Through Title V Permit
- 3. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District NSR Rule] Federally Enforceable Through Title V Permit
- 4. Material removed from dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
- 5. The bagged minor ingredients shall be added in a manner minimizing fugitive emissions. [District NSR Rule] Federally Enforceable Through Title V Permit
- 6. The bagged minor ingredients dump-in hopper shall remain closed and sealed during mixing operation, except as needed to add additional minor ingredients. [District NSR Rule] Federally Enforceable Through Title V Permit
- 7. The bulk flour and sugar shall be delivered directly into the blender through closed and leak-free pneumatic conveying systems. [District NSR Rule] Federally Enforceable Through Title V Permit
- 8. Visible emissions from baghouses that are in operation shall be checked quarterly. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- 9. Baghouse dust collection system shall be completely inspected annually for evidence of particulate matter breakthrough and repaired as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- 10. Baghouse dust collector filters shall be thoroughly inspected annually for tears, scuffs, abrasions, holes, or any evidence of particulate matter breakthrough and shall be replaced as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- 11. Records of baghouse dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- 12. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation E=3.59xP^0.62 if P is less than or equal to 30 tons per hour, or E=17.37xP^0.62 if P is greater than 30 tons per hour.(amended December 17, 1992) [District Rule 4202] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

Facility Name: GENERAL MILLS OPERATIONS, INC
Location: WADE BROUGHTON,2000 W TURNER ROAD,LODI, CA 95240
N-355-23-3: Jul 8 2011 922AM – GONZALEV

**PERMIT UNIT: N-355-25-3 EXPIRATION DATE: 04/30/2016** 

**EQUIPMENT DESCRIPTION:** 

GRAHAM SYSTEM CONSISTING OF TEN INGREDIENT BINS SERVED BY TEN INDIVIDUAL BAGHOUSES

## PERMIT UNIT REQUIREMENTS

- Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
- Each baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauges shall be maintained in good working condition at all times and shall be located in easily accessible locations. [District NSR Rule] Federally Enforceable Through Title V Permit
- Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District NSR Rule] Federally Enforceable Through Title V Permit
- Material removed from the baghouses shall be disposed of in a manner preventing entrainment into the atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
- The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District NSR Rule] Federally Enforceable Through Title V Permit
- Visible emissions from baghouses that are in operation shall be checked quarterly. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- Baghouse dust collection systems shall be completely inspected annually for evidence of particulate matter breakthrough and repaired as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- Baghouse dust collector filters shall be thoroughly inspected annually for tears, scuffs, abrasions, holes, or any evidence of particulate matter breakthrough and shall be replaced as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- Records of baghouse dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- 10. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation E=3.59xP^0.62 if P is less than or equal to 30 tons per hour, or E=17.37xP^0.62 if P is greater than 30 tons per hour.(amended December 17, 1992) [District Rule 4202] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

Facility Name: GENERAL MILLS OPERATIONS. INC Location: WADE BROUGHTON,2000 W TURNER ROAD,LODI, CA 95240
N-355-25-3 : Jul 8 2011 9 322M - GONZALEV

**PERMIT UNIT:** N-355-35-6

EXPIRATION DATE: 04/30/2016

#### **EQUIPMENT DESCRIPTION:**

GRAHAM SYSTEM: DOUGH PROCESSING SYSTEM CONSISTING OF DOUGH FORMERS, WET DOUGH RECEIVERS (D54) SERVING DOUGH DRYER #1 (D-12), DOUGH DRYER #2 (D-13), AND DOUGH DRYER #3 (D-14) CONNECTED IN SERIES. THIS OPERATION ALSO SERVES PERMIT UNIT #N-355-38

### PERMIT UNIT REQUIREMENTS

- 1. The receivers (D-54) are vented to a Flex Kleen model 30 PVBL25-I pulse jet baghouse (DC-54). [District NSR Rule] Federally Enforceable Through Title V Permit
- 2. Dryer #1 (D-12) is vented to a Flex Kleen model 30PRBG 128 baghouse. [District NSR Rule] Federally Enforceable Through Title V Permit
- Dryer #2 (D-13) is vented to a Flex Kleen model 30PRBG 128 baghouse. [District NSR Rule] Federally Enforceable Through Title V Permit
- 4. Dryer #3 (D-14) is vented to a wetted Ducon venturi-rod cyclonic scrubber. [District NSR Rule] Federally Enforceable Through Title V Permit
- 5. Visible emissions from the Flex Kleen Model 30PVBL25-I baghouse (DC-54) serving the receivers (D-54) shall not exceed 5% opacity for a period or periods aggregating more than three minutes in any one hour. [District NSR Rule] Federally Enforceable Through Title V Permit
- 6. Visible emissions from the two Flex Kleen model 30PRBG 128 baghouses serving Dryer #1 and 2 shall not exceed 5% opacity for a period or periods aggregating more than three minutes in any one hour. [District NSR Rule] Federally Enforceable Through Title V Permit
- 7. Visible emissions from the Ducon venturi-rod cyclonic scrubber serving dryer #3 shall not exceed 5% opacity for a period or periods aggregating more than three minutes in any one hour. [District NSR Rule] Federally Enforceable Through Title V Permit
- 8. Each dust collector shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. Each gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District NSR Rule] Federally Enforceable Through Title V Permit
- 9. Material removed from dust collectors shall be disposed of in a manner preventing entrainment into the atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
- 10. The cleaning frequency and duration of dust collectors shall be adjusted to optimize the control efficiency. [District NSR Rule] Federally Enforceable Through Title V Permit
- 11. Replacement bags numbering at least 10% of the total number of bags in each dust collector shall be maintained on the premises. [District NSR Rule] Federally Enforceable Through Title V Permit
- 12. PM10 emissions from dryer #1 (D-12) served by a Flex Kleen Model 30PRBG baghouse shall not exceed 0.0042 lb-PM10/ton. [District NSR Rule] Federally Enforceable Through Title V Permit
- 13. Dryer #1 process rate shall not exceed 72 tons per day. [District NSR Rule] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE
These terms and conditions are part of the Facility-wide Permit to Operate.

Facility Name: GENERAL MILLS OPERATIONS, INC

Location: WADE BROUGHTON, 2000 W TURNER ROAD, LODI, CA 95240

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- 14. PM10 emissions from dryer #2 (D-13) served by a Flex Kleen Model 30PRBG baghouse shall not exceed 0.0042 lb-PM10/ton. [District NSR Rule] Federally Enforceable Through Title V Permit
- 15. Dryer #2 process rate shall not exceed 72 tons per day. [District NSR Rule] Federally Enforceable Through Title V Permit
- 16. PM10 emissions from dryer #3 (D-14) served by a wetted Ducon venturi-rod cyclonic scrubber shall not exceed 0.0042 lb-PM10/ton. [District NSR Rule] Federally Enforceable Through Title V Permit
- 17. Dryer #3 process rate shall not exceed 72 tons per day. [District NSR Rule] Federally Enforceable Through Title V Permit
- 18. The PM10 emissions from the receivers (D-54) vented to a Flex Kleen Model 30PVBL25-I baghouse (DC-54) shall not exceed 0.05 lb-PM10/ton. [District NSR Rule] Federally Enforceable Through Title V Permit
- 19. Receivers (D-54) process rate shall not exceed 72 tons per day. [District NSR Rule] Federally Enforceable Through Title V Permit
- 20. Daily and monthly records of the amount of dough processed thru the receivers (D-54) and each of the dryers shall be maintained. [District NSR Rule] Federally Enforceable Through Title V Permit
- 21. Visible emissions from baghouses that are in operation shall be checked daily. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.3.2 and 40 CFR 64] Federally Enforceable Through Title V Permit
- 22. Baghouse dust collection system shall be completely inspected annually for evidence of particulate matter breakthrough and repaired as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- 23. Baghouse dust collector filters shall be thoroughly inspected annually for tears, scuffs, abrasions, holes, or any evidence of particulate matter breakthrough and shall be replaced as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- 24. Records of baghouse dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- 25. Visible emissions from Ducon venturi-rod cyclonic scrubber shall be checked quarterly, during operation. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- 26. The Ducon venturi-rod cyclonic scrubber system shall be completely inspected annually for evidence of particulate matter breakthrough and repaired as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- 27. Records of Ducon venturi-rod cyclonic scrubber maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- 28. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation E=3.59xP^0.62 if P is less than or equal to 30 tons per hour, or E=17.37xP^0.62 if P is greater than 30 tons per hour.(amended December 17, 1992) [District Rule 4202] Federally Enforceable Through Title V Permit
- 29. Particulate matter emissions shall not exceed 0.1 grain/dscf. [District Rule 4201, 3.1] Federally Enforceable Through Title V Permit
- 30. All records required by this permit shall be maintained and retained on site for a minimum of 5 years, and shall be made available for District inspection upon request. [District NSR Rule] Federally Enforceable Through Title V Permit

ocation: WADE BROUGHTON, 2000 W TURNER ROAD, LODI, CA 95240

N-355-35-6 : Jul 8 2011 9:22AM -- GONZALEV

PERMIT UNIT: N-355-38-4 EXPIRATION DATE: 04/30/2016

#### **EQUIPMENT DESCRIPTION:**

GRAHAM SYSTEM: PELLET COOLER (D-18) SERVED BY A BAGHOUSE (DC-18), PELLET TOASTER (D-16) WITH TWO 2.5 MMBTU/HR NATURAL GAS-FIRED BURNERS SERVED BY TWO CYCLONES AND A WET SCRUBBER (DC-16), AND DAY BINS (D-21) SERVED BY A BAGHOUSE (DC-21)

## PERMIT UNIT REQUIREMENTS

- 1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
- 2. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District NSR Rule] Federally Enforceable Through Title V Permit
- 3. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District NSR Rule] Federally Enforceable Through Title V Permit
- 4. Material removed from dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
- 5. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District NSR Rule] Federally Enforceable Through Title V Permit
- 6. Particulate matter emissions from the scrubber shall be no more than 0.1 gr/dscf and 10 lb/hr. [District Rules 4201 and 4301] Federally Enforceable Through Title V Permit
- 7. The scrubber shall have an operational differential pressure indicator. [District NSR Rule] Federally Enforceable Through Title V Permit
- 8. The scrubber liquid supply (at inlet to scrubber) shall have an operational pressure indicator and an operational flow meter. [District NSR Rule] Federally Enforceable Through Title V Permit
- 9. The scrubber sprays and/or nozzles shall be maintained in an optimum working condition. [District NSR Rule] Federally Enforceable Through Title V Permit
- 10. Fresh scrubber liquid shall be added as necessary to maintain scrubbing efficiency. The dissolved and suspended solids and the condensed organics shall not exceed 20% of the scrubbing stream. [District NSR Rule] Federally Enforceable Through Title V Permit
- 11. Sampling facilities for source testing shall be provided in accordance with the provisions of Rule 1081 (Source Sampling), [District Rule 1081] Federally Enforceable Through Title V Permit
- 12. The scrubber's liquid flow rate shall not be less than 1.25 gallons per minute. [District NSR Rule] Federally Enforceable Through Title V Permit
- 13. Visible emissions from the fabric filter(s) serving this operation shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in any one hour. [District NSR Rule] Federally Enforceable Through Title V Permit

Facility Name: GENERAL MILLS OPERATIONS, INC Location: WADE BROUGHTON, 2000 W TURNER ROAD, LODI, CA 95240

- 14. Visible emissions from baghouse, cyclones and scrubber that are in operation shall be checked quarterly. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
- 15. Baghouse, cyclones, and scrubber dust collection systems shall be completely inspected annually for evidence of particulate matter breakthrough and repaired as needed. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
- 16. Baghouse dust collector filters shall be thoroughly inspected annually for tears, scuffs, abrasions, holes, or any evidence of particulate matter breakthrough and shall be replaced as needed. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
- 17. Records of baghouse, cyclones, and scrubber dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
- 18. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation E=3.59xP^0.62 if P is less than or equal to 30 tons per hour, or E=17.37xP^0.62 if P is greater than 30 tons per hour.(amended December 17, 1992) [District Rule 4202] Federally Enforceable Through Title V Permit
- 19. The scrubber's liquid flow rate shall be observed and recorded quarterly during operation of this equipment. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
- 20. Records of the scrubber's liquid low rate shall be maintained. The records shall include identification of the equipment, date of inspections, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
- 21. All records shall be retained for a period of at least 5 years and shall be made available for District inspection upon request. [District Rule 1070] Federally Enforceable Through Title V Permit

**PERMIT UNIT:** N-355-40-4

**EXPIRATION DATE: 04/30/2016** 

#### **EQUIPMENT DESCRIPTION:**

GRAHAM SYSTEM: RECOVERY TOASTER (D-17) SERVED BY A CYCLONE AND A WET SCRUBBER (DC-17), A RECOVERY COOLER (D-19) SERVED BY A BAGHOUSE (DC-19), AND A GRINDER (D-20) SERVED BY TWO FILTER RECEIVERS (DC-20 AND DC-33)

### PERMIT UNIT REQUIREMENTS

- Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
- The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District NSR Rule] Federally Enforceable Through Title V Permit
- Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District NSR Rule] Federally Enforceable Through Title V Permit
- Material removed from the baghouse shall be disposed of in a manner preventing entrainment into the atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
- The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District NSR Rule] Federally Enforceable Through Title V Permit
- Particulate matter emissions from the scrubber shall be no more than 0.1 gr/dscf and 10 lb/hr. [District Rules 4201 and 4301] Federally Enforceable Through Title V Permit
- The scrubber shall have an operational differential pressure indicator. [District NSR Rule] Federally Enforceable 7. Through Title V Permit
- The scrubber liquid supply (at inlet to scrubber) shall have an operational pressure indicator and an operational flow meter. [District NSR Rule] Federally Enforceable Through Title V Permit
- The scrubber sprays and/or nozzles shall be maintained in an optimum working condition. [District NSR Rule] Federally Enforceable Through Title V Permit
- 10. Fresh scrubber liquid shall be added as necessary to maintain scrubbing efficiency. The dissolved and suspended solids and the condensed organics shall not exceed 20% of the scrubbing stream. [District NSR Rule] Federally Enforceable Through Title V Permit
- 11. Sampling facilities for source testing shall be provided in accordance with the provisions of Rule 1081 (Source Sampling), [District Rule 1081] Federally Enforceable Through Title V Permit
- 12. The scrubber's liquid flow rate shall not be less than 0.28 gallons per minute. [District NSR Rule] Federally Enforceable Through Title V Permit
- 13. Visible emissions from the fabric filter(s) serving this operation shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in any one hour. [District NSR Rule] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE These terms and conditions are part of the Facility-wide Permit to Operate.

Facility Name: GENERAL MILLS OPERATIONS, INC

WADE BROUGHTON, 2000 W TURNER ROAD, LODI, CA 95240 Location:

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- 14. Visible emissions from the baghouse, cyclone, and scrubber that are in operation shall be checked quarterly. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
- 15. Baghouse, cyclone, and scrubber dust collection systems shall be completely inspected annually for evidence of particulate matter breakthrough and repaired as needed. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
- 16. Baghouse dust collector filters shall be thoroughly inspected annually for tears, scuffs, abrasions, holes, or any evidence of particulate matter breakthrough and shall be replaced as needed. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
- 17. Records of baghouse, cyclone, and scrubber dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
- 18. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation E=3.59xP\0.62 if P is less than or equal to 30 tons per hour, or E=17.37xP\0.62 if P is greater than 30 tons per hour (amended December 17, 1992) [District Rule 4202] Federally Enforceable Through Title V Permit
- 19. The scrubber's liquid flow rate shall be observed and recorded quarterly during operation of this equipment. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
- 20. Records of the scrubber's liquid flow rate shall be maintained. The records shall include identification of the equipment, date of inspections, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
- 21. All records shall be retained for a period of at least 5 years and shall be made available for District inspection upon request. [District Rule 1070] Federally Enforceable Through Title V Permit

Location: WADE BROUGHTON, 2000 W TURNER ROAD, LODI, CA 95240 N-355-40-4: Jul 8 2011 9 222M - GONZALEV

**PERMIT UNIT:** N-355-42-3

**EXPIRATION DATE: 04/30/2016** 

**EQUIPMENT DESCRIPTION:** 

CEREAL PLANT VACUUM SYSTEM SERVED BY A BAGHOUSE.

## PERMIT UNIT REQUIREMENTS

- 1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
- Each baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The
  gauges shall be maintained in good working condition at all times and shall be located in easily accessible locations.
  [District NSR Rule] Federally Enforceable Through Title V Permit
- 3. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District NSR Rule] Federally Enforceable Through Title V Permit
- 4. Material removed from dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
- 5. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District NSR Rule] Federally Enforceable Through Title V Permit
- 6. Visible emissions from baghouses that are in operation shall be checked quarterly. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- 7. Baghouse dust collection system shall be completely inspected annually for evidence of particulate matter breakthrough and repaired as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- 8. Baghouse dust collector filters shall be thoroughly inspected annually for tears, scuffs, abrasions, holes, or any evidence of particulate matter breakthrough and shall be replaced as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- 9. Records of baghouse dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- 10. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation E=3.59xP^0.62 if P is less than or equal to 30 tons per hour, or E=17.37xP^0.62 if P is greater than 30 tons per hour.(amended December 17, 1992) [District Rule 4202] Federally Enforceable Through Title V Permit

Facility Name: GENERAL MILLS OPERATIONS, INC
Location: WADE BROUGHTON, 2000 W TURNER ROAD, LODI, CA 95240
N-355-42-3: Jul 8 2011 9 22AM - GONZALEV

**PERMIT UNIT:** N-355-44-3 **EXPIRATION DATE:** 04/30/2016

**EQUIPMENT DESCRIPTION:** 

GRAHAM SYSTEM: SLURRY COOLER SERVED BY A BAGHOUSE

## PERMIT UNIT REQUIREMENTS

- 1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
- 2. Each baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauges shall be maintained in good working condition at all times and shall be located in easily accessible locations. [District NSR Rule] Federally Enforceable Through Title V Permit
- 3. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District NSR Rule] Federally Enforceable Through Title V Permit
- 4. Material removed from dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
- 5. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District NSR Rule] Federally Enforceable Through Title V Permit
- 6. Visible emissions from baghouses that are in operation shall be checked quarterly. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- 7. Baghouse dust collection system shall be completely inspected annually for evidence of particulate matter breakthrough and repaired as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- 8. Baghouse dust collector filters shall be thoroughly inspected annually for tears, scuffs, abrasions, holes, or any evidence of particulate matter breakthrough and shall be replaced as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- 9. Records of baghouse dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- 10. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation E=3.59xP^0.62 if P is less than or equal to 30 tons per hour, or E=17.37xP^0.62 if P is greater than 30 tons per hour.(amended December 17, 1992) [District Rule 4202] Federally Enforceable Through Title V Permit

Facility Name: GENERAL MILLS OPERATIONS, INC
Location: WADE BROUGHTON,2000 W TURNER ROAD,LODI, CA 95240
N-355-44-3: Jul 8 2011 9 22AM – GONZALEY

**PERMIT UNIT:** N-355-45-5 EXPIRATION DATE: 04/30/2016

#### **EQUIPMENT DESCRIPTION:**

CEREAL COATING OPERATION: ONE LINE WITH ENROBER (D23), DRYER (D22) VENTED TO SCRUBBER (DC22), & COOLER (D24) VENTED TO FABRIC FILTER (DC24); THE SECOND LINE WITH ENROBER (D25) VENTED TO SCRUBBER (DC25)

## PERMIT UNIT REQUIREMENTS

- Particulate matter emissions from the scrubber shall be no more than 0.1 gr/dscf and 10 lb/hr. [District Rules 4201 and 4301] Federally Enforceable Through Title V Permit
- Each scrubber shall have an operational differential pressure indicator. [District NSR Rule] Federally Enforceable Through Title V Permit
- Each scrubber's liquid supply (at inlet to scrubber) shall have an operational flow meter. [District NSR Rule] Federally Enforceable Through Title V Permit
- Each scrubber's sprays and/or nozzles shall be maintained in an optimum working condition. [District NSR Rule] Federally Enforceable Through Title V Permit
- Fresh scrubber liquid shall be added as necessary to maintain scrubbing efficiency. [District NSR Rule] Federally Enforceable Through Title V Permit
- For wet scrubber DC-22, the liquid flow rate shall not be less than 0.56 gallons per minute. [District NSR Rule] Federally Enforceable Through Title V Permit
- For wet scrubber DC-25, the liquid flow rate shall not be less than 0.56 gallons per minute. [District NSR Rule] Federally Enforceable Through Title V Permit
- The PM10 emissions from the Enrober (D-23) shall not exceed 0.01 pounds during any one hour. [District NSR Rule] Federally Enforceable Through Title V Permit
- Visible emissions from the fabric filter(s) serving this operation shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in any one hour. [District NSR Rule] Federally Enforceable Through Title V Permit
- 10. Material removed from fabric filter shall be disposed of in a manner preventing entrainment into the atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
- 11. The fabric filter cleaning frequency an duration shall be adjusted to optimize the control efficiency. [District NSR Rule] Federally Enforceable Through Title V Permit
- 12. Visible emissions from baghouses and scrubbers that are in operation shall be checked quarterly. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- 13. Fabric filter and scrubber dust collection systems shall be completely inspected annually for evidence of particulate matter breakthrough and repaired as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit

Facility Name: GENERAL MILLS OPERATIONS, INC Location:

N-355-45-5 : Jul 8 2011 9.22AM

- 14. Fabric filter dust collector filters shall be thoroughly inspected annually for tears, scuffs, abrasions, holes, or any evidence of particulate matter breakthrough and shall be replaced as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- 15. Records of fabric filter and scrubber collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- 16. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation E=3.59xP^0.62 if P is less than or equal to 30 tons per hour, or E=17.37xP^0.62 if P is greater than 30 tons per hour.(amended December 17, 1992) [District Rule 4202] Federally Enforceable Through Title V Permit
- 17. Each scrubber's liquid flow rate shall be observed and recorded quarterly during operation of this equipment. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- 18. Records of each scrubber's liquid flow rate shall be maintained. The records shall include identification of the equipment, date of inspections, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- 19. All records shall be retained for a period of at least 5 years and shall be made available for District inspection upon request. [District Rule 1070] Federally Enforceable Through Title V Permit

**PERMIT UNIT:** N-355-46-3 **EXPIRATION DATE: 04/30/2016** 

#### **EQUIPMENT DESCRIPTION:**

TOKAY CEREAL PLANT; CENTRAL VACUUMING SYSTEM SERVED BY A HOFFCO PULSE SEPARATOR (MODEL # SCHA 14-58)

## PERMIT UNIT REQUIREMENTS

- Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
- The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District NSR Rule] Federally Enforceable Through Title V Permit
- Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District NSR Rule] Federally Enforceable Through Title V Permit
- Material removed from dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
- The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District NSR Rule] Federally Enforceable Through Title V Permit
- Total controlled PM10 emissions from the Tokay Plant central vacuuming system shall not exceed 1.3 pounds during any one day. [District NSR Rule] Federally Enforceable Through Title V Permit
- Visible emissions from baghouses that are in operation shall be checked quarterly. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.3.2 and 40 CFR 64] Federally Enforceable Through Title V Permit
- Baghouse dust collection system shall be completely inspected annually for evidence of particulate matter breakthrough and repaired as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- Baghouse dust collector filters shall be thoroughly inspected annually for tears, scuffs, abrasions, holes, or any evidence of particulate matter breakthrough and shall be replaced as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- 10. Records of baghouse dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- 11. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation E=3.59xP\0.62 if P is less than or equal to 30 tons per hour, or E=17.37xP\0.62 if P is greater than 30 tons per hour.(amended December 17, 1992) [District Rule 4202] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

Facility Name: GENERAL MILLS OPERATIONS, INC WADE BROUGHTON, 2000 W TURNER ROAD, LODI, CA 95240 Location: WADE BROUG N-355-46-3: Jul 8 2011 9.22AM - GONZALEV

**PERMIT UNIT:** N-355-47-3 **EXPIRATION DATE: 04/30/2016** 

#### **EQUIPMENT DESCRIPTION:**

TOKAY CEREAL PLANT; PNEUMATIC RAILCAR RECEIVING SYSTEM SERVED BY TWO (2) FLEX-KLEEN BAGHOUSES (MODEL #58 CTBC 32)

## PERMIT UNIT REQUIREMENTS

- Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
- Each baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District NSR Rule] Federally Enforceable Through Title V Permit
- Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District NSR Rule] Federally Enforceable Through Title V Permit
- Material removed from the baghouses shall be disposed of in a manner preventing entrainment into the atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
- The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District NSR Rule] Federally Enforceable Through Title V Permit
- Total controlled PM10 emissions from the Tokay Plant shall not exceed 4.4 pounds during any one day. [District NSR Rule] Federally Enforceable Through Title V Permit
- Visible emissions from baghouses that are in operation shall be checked daily. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.3.2 and 40 CFR 64] Federally Enforceable Through Title V Permit
- Baghouse dust collection systems shall be completely inspected annually for evidence of particulate matter breakthrough and repaired as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- Baghouse dust collector filters shall be thoroughly inspected annually for tears, scuffs, abrasions, holes, or any evidence of particulate matter breakthrough and shall be replaced as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- 10. Records of baghouse dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- 11. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation E=3.59xP\0.62 if P is less than or equal to 30 tons per hour, or E=17.37xP\0.62 if P is greater than 30 tons per hour (amended December 17, 1992) [District Rule 4202] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

Facility Name: GENERAL MILLS OPERATIONS, INC

Location: WADE BROUG N-355-47-3: Jul 8 2011 9.22AM – GONZALEV WADE BROUGHTON, 2000 W TURNER ROAD, LODI, CA 95240

**PERMIT UNIT:** N-355-56-3 **EXPIRATION DATE: 04/30/2016** 

#### **EQUIPMENT DESCRIPTION:**

TOKAY CEREAL PLANT: FOUR AND SEVEN BULK STORAGE BINS SERVED BY ELEVEN MAC BAGHOUSES (MODEL #72 AVR 14) DUCTED THROUGH THREE BULK BIN EXHAUST HEADERS

### PERMIT UNIT REQUIREMENTS

- Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
- Each baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District NSR Rule] Federally Enforceable Through Title V Permit
- Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District NSR Rule] Federally Enforceable Through Title V Permit
- Material removed from the baghouses shall be disposed of in a manner preventing entrainment into the atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
- The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District NSR Rule] Federally Enforceable Through Title V Permit
- Total controlled PM10 emissions from the Tokay Plant shall not exceed 4.4 pounds during any one day. [District NSR Rule] Federally Enforceable Through Title V Permit
- Visible emissions from baghouses that are in operation shall be checked quarterly. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- Baghouse dust collection systems shall be completely inspected annually for evidence of particulate matter breakthrough and repaired as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- Baghouse dust collector filters shall be thoroughly inspected annually for tears, scuffs, abrasions, holes, or any evidence of particulate matter breakthrough and shall be replaced as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- 10. Records of baghouse dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- 11. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation E=3.59xP^0.62 if P is less than or equal to 30 tons per hour, or E=17.37xP^0.62 if P is greater than 30 tons per hour (amended December 17, 1992) [District Rule 4202] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

Facility Name: GENERAL MILLS OPERATIONS, INC Location: WADE BROUGHTON,2000 W TURNER ROAD,LODI, CA 95240 N-355-58-3. Jul 8 2011 9 23AM -- GONZALEV

**PERMIT UNIT:** N-355-78-4 EXPIRATION DATE: 04/30/2016

#### **EQUIPMENT DESCRIPTION:**

INGREDIENT HOPPER, SCALE, AND TWO BULK MATERIAL MIXING RIBBON BLENDERS SERVED BY A FLEX-KLEEN BAGHOUSE (MODEL #30 PVBL 16)

### PERMIT UNIT REQUIREMENTS

- Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
- 2. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District NSR Rule] Federally Enforceable Through Title V Permit
- Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District NSR Rule] Federally Enforceable Through Title V Permit
- Material removed from the baghouses shall be disposed of in a manner preventing entrainment into the atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
- The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District NSR Rule] Federally Enforceable Through Title V Permit
- Total controlled PM10 emissions from the ribbon blenders shall not exceed 2.9 pounds during any one day. [District NSR Rule] Federally Enforceable Through Title V Permit
- Visible emissions from baghouses that are in operation shall be checked quarterly. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- Baghouse dust collection system shall be completely inspected annually for evidence of particulate matter breakthrough and repaired as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- Baghouse dust collector filters shall be thoroughly inspected annually for tears, scuffs, abrasions, holes, or any evidence of particulate matter breakthrough and shall be replaced as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- 10. Records of baghouse dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- 11. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation E=3.59xP^0.62 if P is less than or equal to 30 tons per hour, or E=17.37xP^0.62 if P is greater than 30 tons per hour (amended December 17, 1992) [District Rule 4202] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

Facility Name: GENERAL MILLS OPERATIONS, INC Location: WADE BROUGHTON,2000 W TURNER ROAD,LODI, CA 95240
N-355-78-4' Jul 8 2011 9:23AM - GONZALEV

PERMIT UNIT: N-355-83-3 EXPIRATION DATE: 04/30/2016

#### **EQUIPMENT DESCRIPTION:**

355 HP CUMMINS DIESEL FIRED I.C. ENGINE MODEL #NT855GZ, SERIAL #56207, SERVING AN ONAN STANDBY GENERATOR (200 KW) FOR UTILITY POWER INTERRUPTIONS

### PERMIT UNIT REQUIREMENTS

- 1. Sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. [Rule 404 (Madera), 406 (Fresno) and 407 (6 remaining counties in the San Joaquin Valley)] Federally Enforceable Through Title V Permit
- 2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201, 3.1] Federally Enforceable Through Title V Permit
- 3. Unit shall be fired only on diesel fuel with a sulfur content of less than 0.05% by weight. [Rule 404 (Madera), 406 (Fresno) and 407 (6 remaining counties in the San Joaquin Valley)] Federally Enforceable Through Title V Permit
- 4. The engine shall be operated with timing retarded four degrees from manufacturers recommended standard timing. [District NSR Rule] Federally Enforceable Through Title V Permit
- 5. Emissions from this IC engine shall not exceed: 10.0 g-NOx/bhp-hr. [District NSR Rule and 13 CCR 2423 and 17 CCR 93115] Federally Enforceable Through Title V Permit
- 6. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following applicable requirements of SJVUAPCD Rule 4201; Rule 404 (Madera), 406 (Fresno), and 407 (Kings, Merced, San Joaquin, Tulare, Kern, and Stanislaus). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
- 7. This engine shall be equipped with an operational non-resettable elapsed time meter or other APCO approved alternative. [District Rule 4702, 17 CCR 93115, and 40 CFR 60 Subpart IIII] Federally Enforceable Through Title V Permit
- 8. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rules 2201 and 4801, 17 CCR 93115, 40 CFR Part 60 Subpart IIII] Federally Enforceable Through Title V Permit
- 9. This engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 4702 and 40 CFR 60 Subpart IIII] Federally Enforceable Through Title V Permit
- 10. During periods of operation for maintenance, testing, and required regulatory purposes, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702] Federally Enforceable Through Title V Permit
- 11. An emergency situation is an unscheduled electrical power outage caused by sudden and reasonably unforeseen natural disasters or sudden and reasonably unforeseen events beyond the control of the permittee. [District Rule 4702] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE
These terms and conditions are part of the Facility-wide Permit to Operate.

Facility Name: GENERAL MILLS OPERATIONS, INC
Location: WADE BROUGHTON,2000 W TURNER ROAD,LODI, CA 95240

N-355-83-3 : Jul 8 2011 9:23AM - GONZALEV

- 12. This engine shall not be used to produce power for the electrical distribution system, as part of a voluntary utility demand reduction program, or for an interruptible power contract. [District Rule 4702] Federally Enforceable Through Title V Permit
- 13. The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, the date and number of hours of all testing and maintenance operations, the purpose of the operation (for example: load testing, weekly testing, rolling blackout, general area power outage, etc.) and records of operational characteristics monitoring. For units with automated testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain a readily accessible written record of the automated testing schedule. [District Rule 4702] Federally Enforceable Through Title V Permit
- 14. This engine shall be operated only for testing and maintenance of the engine, required regulatory purposes, and during emergency situations. Operation of the engine for maintenance, testing, and required regulatory purposes shall not exceed 20 hours per calendar year. [District Rule 4702, 17 CCR 93115 and 40 CFR Part 60 Subpart IIII] Federally Enforceable Through Title V Permit
- 15. The permittee shall maintain monthly records of the type of fuel purchased. [District Rule 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit
- 16. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rule 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit

**PERMIT UNIT:** N-355-90-3 **EXPIRATION DATE: 04/30/2016** 

#### **EQUIPMENT DESCRIPTION:**

VACUUM CLEANING SYSTEM WITH A LAMSON MODEL 814-4-0-AD PRIMARY SEPARATOR AND A KICE INDUSTRIES BAGHOUSE

### PERMIT UNIT REQUIREMENTS

- The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District NSR Rule] Federally Enforceable Through Title V Permit
- Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District NSR Rule] Federally Enforceable Through Title V Permit
- Material removed from dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
- The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District NSR Rule] Federally Enforceable Through Title V Permit
- There shall be no visible emissions from the dust control system. [District NSR Rule] Federally Enforceable Through Title V Permit
- Total controlled PM10 emissions shall not exceed 0.0061 grains per standard cubic foot of air flow from the baghouse. [District NSR Rule] Federally Enforceable Through Title V Permit
- Air flow through the baghouse shall not exceed 1,250 standard cubic feet per minute. [District NSR Rule] Federally Enforceable Through Title V Permit
- A daily log of the hours of operation of the dust collector shall be kept on the premises and shall be made available for district inspection upon request. [District NSR Rule] Federally Enforceable Through Title V Permit
- Visible emissions from baghouses that are in operation shall be checked quarterly. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- 10. Baghouse dust collection system shall be completely inspected annually for evidence of particulate matter breakthrough and repaired as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- 11. Baghouse dust collector filters shall be thoroughly inspected annually for tears, scuffs, abrasions, holes, or any evidence of particulate matter breakthrough and shall be replaced as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- 12. Records of baghouse dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit

Facility Name: GENERAL MILLS OPERATIONS, INC

WADE BROUGHTON, 2000 W TURNER ROAD, LODI, CA 95240 Location:

55-90-3 : Jul 8 2011 9.23AM -- GONZALE

- 13. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation E=3.59xP^0.62 if P is less than or equal to 30 tons per hour, or E=17.37xP^0.62 if P is greater than 30 tons per hour.(amended December 17, 1992) [District Rule 4202] Federally Enforceable Through Title V Permit
- 14. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit

**PERMIT UNIT:** N-355-91-3

**EXPIRATION DATE: 04/30/2016** 

#### **EQUIPMENT DESCRIPTION:**

170 HP DETROIT DIESEL, DIESEL-FIRED EMERGENCY I.C. ENGINE POWERING A STAND-BY FIRE PUMP

## PERMIT UNIT REQUIREMENTS

- Sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. [Rule 404 (Madera), 406 (Fresno) and 407 (6 remaining counties in the San Joaquin Valley)] Federally Enforceable Through Title V Permit
- No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101, 5.1] Federally Enforceable Through Title V Permit
- Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201, 3.1] Federally Enforceable Through Title V Permit
- Unit shall be fired only on diesel fuel with a sulfur content of less than 0.05% by weight. [Rule 404 (Madera), 406 (Fresno) and 407 (6 remaining counties in the San Joaquin Valley)] Federally Enforceable Through Title V Permit
- The engine shall run for a maximum of 40 minutes per day, one time per week for testing and maintenance purposes, and during periods when the electric fire pump system cannot maintain the fire system. [District NSR Rule] Federally Enforceable Through Title V Permit
- Compliance with permit conditions in the Title V permit shall be deemed compliance with the following applicable requirements of SJVUAPCD Rule 4201; Rule 404 (Madera), 406 (Fresno), and 407 (Kings, Merced, San Joaquin, Tulare, Kern, and Stanislaus). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
- This engine shall be equipped with an operational non-resettable elapsed time meter or other APCO approved alternative. [District Rule 4702, 17 CCR 93115, and 40 CFR 60 Subpart IIII]
- Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rules 2201 and 4801, 17 CCR 93115, 40 CFR Part 60 Subpart IIII] Federally Enforceable Through Title V Permit
- This engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 4702 and 40 CFR 60 Subpart IIII] Federally Enforceable Through Title V Permit
- 10. During periods of operation for maintenance, testing, and required regulatory purposes, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702] Federally Enforceable Through Title V Permit
- 11. An emergency situation is an unscheduled electrical power outage caused by sudden and reasonably unforeseen natural disasters or sudden and reasonably unforeseen events beyond the control of the permittee. [District Rule 4702] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE These terms and conditions are part of the Facility-wide Permit to Operate.

Facility Name: GENERAL MILLS OPERATIONS, INC

Location: WADE BROUGHTON,2000 W TURNER ROAD,LODI, CA 95240 N-355-91-3: Jul 8 2011 8 23AM -- GONZALEV

- 12. This engine shall not be used to produce power for the electrical distribution system, as part of a voluntary utility demand reduction program, or for an interruptible power contract. [District Rule 4702] Federally Enforceable Through Title V Permit
- 13. This engine shall be operated only for testing and maintenance of the engine, required regulatory purposes, and during emergency situations. For testing purposes, the engine shall only be operated the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 "Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems", 1998 edition. Total hours of operation for all maintenance, testing, and required regulatory purposes shall not exceed 100 hours per calendar year. [District Rule 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit
- 14. The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, the date and number of hours of all testing and maintenance operations, the purpose of the operation (for example: load testing, weekly testing, rolling blackout, general area power outage, etc.) and records of operational characteristics monitoring. For units with automated testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain a readily accessible written record of the automated testing schedule. [District Rule 4702] Federally Enforceable Through Title V Permit
- 15. The permittee shall maintain monthly records of the type of fuel purchased. [District Rule 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit
- 16. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rule 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit

Facility Name: GENERAL MILLS OPERATIONS, INC

ocation: WADE BROUGHTON, 2000 W TURNER ROAD, LODI, CA 95240

N-355-91-3 ; Jul 8 2011 9.23AM - GONZALEV

**PERMIT UNIT:** N-355-92-3 **EXPIRATION DATE: 04/30/2016** 

#### **EQUIPMENT DESCRIPTION:**

WHEAT GERM SIFTER AND CONVEYING SYSTEM SERVED BY A MAC, MODEL NO. 36AVR14-III, PNEUMATIC RECEIVER

## PERMIT UNIT REQUIREMENTS

- The pneumatic receiver shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District NSR Rule] Federally Enforceable Through Title V Permit
- Replacement bags numbering at least 10% of the total number of bags in the fabric filter collector using each type of bag shall be maintained on the premises. [District NSR Rule] Federally Enforceable Through Title V Permit
- Material removed from the pneumatic receiver shall be disposed of in a manner preventing entrainment into the atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
- The pneumatic receiver cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District NSR Rule] Federally Enforceable Through Title V Permit
- There shall be no visible emissions from the pneumatic receiver. [District NSR Rule] Federally Enforceable Through Title V Permit
- The controlled PM10 emission rate shall not exceed 0.016 lbs, per hour. [District NSR Rule] Federally Enforceable 6. Through Title V Permit
- Records of the daily amount of material processed by this operation shall be kept on the premises at all times and shall be made available for District inspection upon request. [District NSR Rule] Federally Enforceable Through Title V **Permit**
- Enclosure shall be completely inspected annually for evidence of particulate matter breakthrough and repaired as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation E=3.59xP\0.62 if P is less than or equal to 30 tons per hour, or E=17.37xP\0.62 if P is greater than 30 tons per hour.(amended December 17, 1992) [District Rule 4202] Federally Enforceable Through Title V Permit
- 10. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

Facility Name: GENERAL MILLS OPERATIONS, INC WADE BROUGHTON, 2000 W TURNER ROAD, LODI, CA 95240 Location:

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**PERMIT UNIT:** N-355-94-3 **EXPIRATION DATE: 04/30/2016** 

#### **EQUIPMENT DESCRIPTION:**

LINE 21 - PRODUCT DELIVERY AND PACKAGING SYSTEM CONSISTING OF A DAY BIN; A SCALPER (H-57), CONVEYOR (H-57), AND A HOPPER (H-57) ALL VENTED TO A BAGHOUSE (HC-57); AND FOUR BAGGERS (H-58 THROUGH H-61) VENTED TO A BAGHOUSE (HC-58)

### PERMIT UNIT REQUIREMENTS

- Visible emissions from the Flex Kleen model 84CTBC42-II-G dust collector (HC-57) serving the scalper (H-57), conveyor (H-57), and the product hopper (H-57) shall not exceed 5% opacity for a period or periods aggregating more than three minutes in any one hour. [District NSR Rule] Federally Enforceable Through Title V Permit
- Visible emissions from the HAF model 58BV25S3G dust collector (HC-58) serving the four baggers (H-58 through H-61) shall not exceed 5% opacity for a period or periods aggregating more than three minutes in any one hour. [District NSR Rule]
- The dust collectors shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District NSR Rule] Federally Enforceable Through Title V Permit
- Material removed from dust collectors shall be disposed of in a manner preventing entrainment into the atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
- The cleaning frequency and duration of the dust collectors shall be adjusted to optimize the control efficiency. [District NSR Rule] Federally Enforceable Through Title V Permit
- Replacement bags or cartridges numbering at least 10% of the total number of bags or cartridges in the largest dust collector using each type of bag or cartridge shall be maintained on the premises. [District NSR Rule] Federally Enforceable Through Title V Permit
- The controlled PM10 emissions from the receiving and scalping operation shall not exceed 0.02 pounds during any one hour. [District NSR Rule] Federally Enforceable Through Title V Permit
- The controlled PM10 emissions from the four baggers shall not exceed 0.02 pounds during any one hour. [District NSR Rule] Federally Enforceable Through Title V Permit
- Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
- 10. Visible emissions from baghouses that are in operation shall be checked quarterly. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- 11. Baghouse dust collection systems shall be completely inspected annually for evidence of particulate matter breakthrough and repaired as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- 12. Baghouse dust collector filters shall be thoroughly inspected annually for tears, scuffs, abrasions, holes, or any evidence of particulate matter breakthrough and shall be replaced as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE These terms and conditions are part of the Facility-wide Permit to Operate.

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- 13. Records of baghouse dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
- 14. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation E=3.59xP^0.62 if P is less than or equal to 30 tons per hour, or E=17.37xP^0.62 if P is greater than 30 tons per hour.(amended December 17, 1992) [District Rule 4202] Federally Enforceable Through Title V Permit

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PERMIT UNIT: N-355-95-2 EXPIRATION DATE: 04/30/2016

#### **EQUIPMENT DESCRIPTION:**

48.3 MMBTU/HR NEBRASKA NS-C-52-ECON NATURAL GAS/LPG FIRED BOILER EQUIPPED WITH A NATCOM MODEL P-48-G-24-1318 ULTRA-LOW NOX BURNER

## PERMIT UNIT REQUIREMENTS

- 1. Pursuant to Rule 4320, beginning in 2010 the operator shall pay an annual emission fee to the District for NOx emissions from this unit for the previous calendar year. Payments are due by July 1 of each year. Payments shall continue annually until either the unit is permanently removed from service in the District or the operator demonstrates compliance with the applicable NOx emission limit listed in Rule 4320. [District Rule 4320]
- 2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
- 3. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
- 4. The unit shall only be fired on PUC-regulated natural gas or LPG. [District Rule 2201] Federally Enforceable Through Title V Permit
- 5. A non-resettable, totalizing mass or volumetric fuel flow meter to measure the amount of natural gas/LPG combusted in the unit shall be installed, utilized and maintained. [District Rule 2201, 4305, 4306, and 40 CFR 60 Subpart Dc Section 60.48c (g)] Federally Enforceable Through Title V Permit
- Emissions from the natural gas-fired unit shall not exceed any of the following limits: 9 ppmvd NOx @ 3% O2 or 0.011 lb-NOx/MMBtu, 0.00285 lb-SOx/MMBtu, 0.0076 lb-PM10/MMBtu, 50 ppmvd CO @ 3% O2 or 0.037 lb-CO/MMBtu, or 0.0055 lb-VOC/MMBtu. [District Rules 2201, 4305, and 4306] Federally Enforceable Through Title V Permit
- 7. Emissions from the LPG-fired unit shall not exceed any of the following limits: 9 ppmvd NOx @ 3% O2 or 0.011 lb-NOx/MMBtu, 0.00285 lb-SOx/MMBtu, 0.6 lb-PM10/1000 gal, 50 ppmvd CO @ 3% O2 or 0.037 lb-CO/MMBtu, or 0.5 lb-VOC/1000 gal. [District Rules 2201, 4305, and 4306] Federally Enforceable Through Title V Permit
- 8. Maximum number of start-ups and shutdowns shall not exceed 32 times per year. [District Rule 2201] Federally Enforceable Through Title V Permit
- 9. Duration of start-up or shutdown shall not exceed one hour each per occurrence. During start-up or shutdown, the emissions control system shall be in operation, and emissions shall be minimized insofar as technologically possible. The operator shall maintain daily records of the duration of start-up and shutdown periods. [District Rules 2201, 4305, 5.5.6 and 4306, 5.3] Federally Enforceable Through Title V Permit
- 10. Start-up is defined as the period of time during which a unit is brought from a shutdown status to its operating temperature and pressure, including the time required by the unit's emission control system to reach full operation. Shutdown is defined as the period of time during which a unit is taken from an operational to a non-operational status by allowing it to cool down from its operating temperature to ambient temperature as the fuel supply to the unit is completely turned off. [District Rule 4306, 3.25 and 3.22] Federally Enforceable Through Title V Permit

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These terms and conditions are part of the Facility-wide Permit to Operate.

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- 11. Maximum emissions from the boiler, including start-up and shutdown, shall not exceed any of the following limits: 12.6 lb-NOx/day, 3.3 lb-SOx/day, 8.8 lb-PM10/day, 42.9 lb-CO/day, or 6.4 lb-VOC/day. [District Rule 2201] Federally Enforceable Through Title V Permit
- 12. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified at least 30 days prior to any compliance source test, and a source test plan must be submitted for approval at least 15 days prior to testing. [District Rule 1081] Federally Enforceable Through Title V Permit
- 13. Source testing to measure natural gas-combustion NOx and CO emissions from this unit shall be conducted at least once every twelve (12) months. After demonstrating compliance on two (2) consecutive annual source tests, the unit shall be tested not less than once every thirty-six (36) months. If the result of the 36-month source test demonstrates that the unit does not meet the applicable emission limits, the source testing frequency shall revert to at least once every twelve (12) months. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
- 14. All emissions measurements shall be made with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. No determination of compliance shall be established within two hours after a continuous period in which fuel flow to the unit is shut off for 30 minutes or longer, or within 30 minutes after a re-ignition as defined in Section 3.0 of District Rule 4306. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
- 15. For emissions source testing, the arithmetic average of three 30-consecutive-minute test runs shall apply. If two of three runs are above an applicable limit the test cannot be used to demonstrate compliance with an applicable limit. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
- 16. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081] Federally Enforceable Through Title V Permit
- 17. If the unit is fired on both natural gas and LPG during any calendar year, additional source testing for NOx and CO emissions shall be performed for any fuel that is fired for more than 100 hours during that calendar year and has not been previously tested as a part of the facility's annual source testing requirement. [District Rules 2201, 4305, and 4306] Federally Enforceable Through Title V Permit
- 18. The permittee shall maintain records of dates of startup and duration that the unit is fired on LPG. [District Rule 1081] Federally Enforceable Through Title V Permit
- 19. The source test plan shall identify which basis (ppmv or lb/MMBtu) will be used to demonstrate compliance. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
- 20. NOx emissions for source test purposes shall be determined using EPA Method 7E or ARB Method 100 on a ppmv basis. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
- 21. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
- 22. Stack gas oxygen (O2) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
- 23. The permittee shall monitor and record the stack concentration of NOx, CO, and O2 at least once every month (in which a source test is not performed) using a portable emission monitor that meets District specifications. Monitoring shall not be required if the unit is not in operation, i.e. the unit need not be started solely to perform monitoring. Monitoring shall be performed within 5 days of restarting the unit unless monitoring has been performed within the last month. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit

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- 24. If either the NOx or CO concentrations corrected to 3% O2, as measured by the portable analyzer, exceed the allowable emissions concentration, the permittee shall return the emissions to within the acceptable range as soon as possible, but no longer than 1 hour of operation after detection. If the portable analyzer readings continue to exceed the allowable emissions concentration after 1 hour of operation after detection, the permittee shall notify the District within the following 1 hour and conduct a certified source test within 60 days of the first exceedance. In lieu of conducting a source test, the permittee may stipulate a violation has occurred, subject to enforcement action. The permittee must then correct the violation, show compliance has been re-established, and resume monitoring procedures. If the deviations are the result of a qualifying breakdown condition pursuant to Rule 1100, the permittee may fully comply with Rule 1100 in lieu of the performing the notification and testing required by this condition. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
- 25. All alternate monitoring parameter emission readings shall be taken with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. The analyzer shall be calibrated, maintained, and operated in accordance with the manufacturer's specifications and recommendations or a protocol approved by the APCO. Emission readings taken shall be averaged over a 15 consecutive-minute period by either taking a cumulative 15 consecutive-minute sample reading or by taking at least five (5) readings, evenly spaced out over the 15 consecutive-minute period. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
- 26. The permittee shall maintain records of: (1) the date and time of NOx, CO, and O2 measurements, (2) the O2 concentration in percent and the measured NOx and CO concentrations corrected to 3% O2, (3) make and model of exhaust gas analyzer, (4) exhaust gas analyzer calibration records, and (5) a description of any corrective action taken to maintain the emissions within the acceptable range. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
- 27. The permittee shall maintain records that include the date and the number of hours of operation when unit is fired on LPG. [District Rule 4306] Federally Enforceable Through Title V Permit
- 28. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rules 1070, 4305, and 4306] Federally Enforceable Through Title V Permit