



APR 04 2013

Mr. Jason Schierling  
General Mills Operations  
2000 West Turner Road  
Lodi, CA 95242

**Re: Notice of Final Decision - ATC / Certificate of Conformity  
Facility # N-355  
Project # N-1123738**

Dear Mr. Schierling:

The Air Pollution Control Officer has issued an Authority to Construct permit to General Mills Operations for its boiler at 2000 West Turner Road in Lodi, California. The proposal was to lower the NOx emissions from the boiler to 7 ppmvd @ 3% O2 for compliance with District Rule 4320. The lower NOx emission limit is accompanied by an increase in the CO emission limit to provide the tuning flexibility necessary to reliably meet the lower NOx Limit.

Enclosed is a copy of the Authority to Construct permit and a copy of the notice of final action to be published approximately three days from the date of this letter.

Notice of the District's preliminary decision to issue the Authority to Construct permit with Certificate of Conformity was published on February 26, 2013. The District's analysis of the proposal was also sent to US EPA Region IX on February 26, 2013. No comments were received following the District's preliminary decision on this project.

Also enclosed is an invoice for the engineering evaluation fees pursuant to District Rule 3010. Please remit the amount owed, along with a copy of the attached invoice, within 30 days.

Thank you for your cooperation in this matter. If you have any questions, please contact Mr. Rupi Gill, Permit Services Manager, at (209) 557-6400.

Sincerely,

David Warner  
Director of Permit Services

DW:MJS/at

Enclosures

Seyed Sadredin  
Executive Director/Air Pollution Control Officer

**Northern Region**  
4800 Enterprise Way  
Modesto, CA 95356-8718  
Tel: (209) 557-6400 FAX: (209) 557-6475

**Central Region (Main Office)**  
1990 E. Gettysburg Avenue  
Fresno, CA 93726-0244  
Tel: (559) 230-6000 FAX: (559) 230-6061

**Southern Region**  
34946 Flyover Court  
Bakersfield, CA 93308-9725  
Tel: 661-392-5500 FAX: 661-392-5585



APR 04 2013

*Gerardo C. Rios, Chief*  
Permits Office  
Air Division  
U.S. EPA - Region IX  
75 Hawthorne St.  
San Francisco, CA 94105

**Re: Notice of Final Decision - ATC / Certificate of Conformity**  
**Facility # N-355**  
**Project # N-1123738**

Dear Mr. Rios:

The Air Pollution Control Officer has issued an Authority to Construct permit to General Mills Operations for its boiler at 2000 West Turner Road in Lodi, California. The proposal was to lower the NOx emissions from the boiler to 7 ppmvd @ 3% O2 for compliance with District Rule 4320. The lower NOx emission limit is accompanied by an increase in the CO emission limit to provide the tuning flexibility necessary to reliably meet the lower NOx Limit.

Enclosed is a copy of the Authority to Construct permit and a copy of the notice of final action to be published approximately three days from the date of this letter.

Notice of the District's preliminary decision to issue the Authority to Construct permit with Certificate of Conformity was published on February 26, 2013. The District's analysis of the proposal was also sent to CARB on February 26, 2013. No comments were received following the District's preliminary decision on this project.

Thank you for your cooperation in this matter. If you have any questions, please contact Mr. Rupri Gill, Permit Services Manager, at (209) 557-6400.

Thank you for your cooperation in this matter.

Sincerely,



David Warner  
Director of Permit Services

DW:MJS/at

Enclosures

**Seyed Sadredin**  
Executive Director/Air Pollution Control Officer

---

**Northern Region**  
4800 Enterprise Way  
Modesto, CA 95356-8718  
Tel: (209) 557-6400 FAX: (209) 557-6475

**Central Region (Main Office)**  
1990 E. Gettysburg Avenue  
Fresno, CA 93726-0244  
Tel: (559) 230-6000 FAX: (559) 230-6061

**Southern Region**  
34946 Flyover Court  
Bakersfield, CA 93308-9725  
Tel: 661-392-5500 FAX: 661-392-5585



APR 04 2013

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

**Re: Notice of Final Decision - ATC / Certificate of Conformity  
Facility # N-355  
Project # N-1123738**

Dear Mr. Tollstrup:

The Air Pollution Control Officer has issued an Authority to Construct permit to General Mills Operations for its boiler at 2000 West Turner Road in Lodi, California. The proposal was to lower the NOx emissions from the boiler to 7 ppmvd @ 3% O2 for compliance with District Rule 4320. The lower NOx emission limit is accompanied by an increase in the CO emission limit to provide the tuning flexibility necessary to reliably meet the lower NOx Limit.

Enclosed is a copy of the Authority to Construct permit and a copy of the notice of final action to be published approximately three days from the date of this letter.

Notice of the District's preliminary decision to issue the Authority to Construct permit with Certificate of Conformity was published on February 26, 2013. The District's analysis of the proposal was also sent to US EPA Region IX on February 26, 2013. No comments were received following the District's preliminary decision on this project.

Thank you for your cooperation in this matter. If you have any questions, please contact Mr. Rupi Gill, Permit Services Manager, at (209) 557-6400.

Sincerely,



David Warner  
Director of Permit Services

DW:MJS/at

Enclosures

**Seyed Sadredin**  
Executive Director/Air Pollution Control Officer

---

**Northern Region**  
4800 Enterprise Way  
Modesto, CA 95356-8718  
Tel: (209) 557-6400 FAX: (209) 557-6475

**Central Region (Main Office)**  
1990 E. Gettysburg Avenue  
Fresno, CA 93726-0244  
Tel: (559) 230-6000 FAX: (559) 230-6061

**Southern Region**  
34946 Flyover Court  
Bakersfield, CA 93308-9725  
Tel: 661-392-5500 FAX: 661-392-5585

**NOTICE OF FINAL DECISION  
FOR THE ISSUANCE OF AUTHORITY TO CONSTRUCT AND  
THE PROPOSED MINOR MODIFICATION OF FEDERALLY  
MANDATED OPERATING PERMIT**

NOTICE IS HEREBY GIVEN that the Air Pollution Control Officer has issued Authority to Construct permits to General Mills Operations for its boiler at 2000 West Turner Road in Lodi, California. The proposal was to lower the NOx emissions from the boiler to 7 ppmvd @ 3% O2 for compliance with District Rule 4320. The lower NOx emission limit is accompanied by an increase in the CO emission limit to provide the tuning flexibility necessary to reliably meet the lower NOx Limit.

No comments were received following the District's preliminary decision on this project.

The application review for Project #N-1123738, is available for public inspection at [http://www.valleyair.org/notices/public\\_notices\\_idx.htm](http://www.valleyair.org/notices/public_notices_idx.htm) and the District office at the address below. **SAN JOAQUIN VALLEY AIR POLLUTION CONTROL DISTRICT, 4800 ENTERPRISE WAY, MODESTO, CA 95356.**



## AUTHORITY TO CONSTRUCT

PERMIT NO: N-355-20-10

ISSUANCE DATE: 04/01/2013

**LEGAL OWNER OR OPERATOR:** GENERAL MILLS OPERATIONS, INC  
**MAILING ADDRESS:** ATTN: ACCOUNTS PAYABLE  
PO BOX 1263  
MINNEAPOLIS, MN 55440

**LOCATION:** WADE BROUGHTON  
2000 W TURNER ROAD  
LODI, CA 95242

**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. MODIFICATION TO REDUCE THE NOX LIMIT FROM 9 PPMVD @ 3% O2 TO 7 PPMVD @ 3% O2, INCREASE CO LIMIT FROM 50 PPMVD @ 3% O2 TO 200 PPMVD @ 3% O2, AND REMOVE ANNUAL EMISSIONS FEE (RULE 4320) REQUIREMENT.

### CONDITIONS

1. This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit
2. The permittee may construct or modify the equipment as authorized by this Authority to Construct at this time. Prior to operating with the modifications the permittee shall submit an application for an Administrative Permit Amendment to the District. [District Rule 2520, 5.3.4]
3. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
4. 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

CONDITIONS CONTINUE ON NEXT PAGE

YOU **MUST** NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APD ©

DAVID WARNER, Director of Permit Services

N-355-20-10 Apr 1 2013 3:11PM -- SCHONHDM Joint Inspection NOT Required

5. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
6. The unit shall be fired on PUC-regulated natural gas as the primary fuel and LPG as the back-up fuel. [District Rules 2201 and 4320] Federally Enforceable Through Title V Permit
7. NOx emissions from natural gas or LPG combustion shall not exceed 7 ppmvd @ 3% O2 referenced as NO2 or 0.008 lb/MMBtu. [District Rules 2201, 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
8. CO emissions from natural gas or LPG combustion shall not exceed 200 ppmvd @ 3% O2 or 0.15 lb/MMBtu. [District Rules 2201, 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
9. VOC emissions from natural gas or LPG combustion shall not exceed 0.0055 lb/MMBtu. [District Rule 2201] Federally Enforceable Through Title V Permit
10. SOx emissions from natural gas combustion shall not exceed 0.00285 lb/MMBtu. [District Rule 2201] Federally Enforceable Through Title V Permit
11. SOx emissions from LPG combustion shall not exceed 0.017 lb/MMBtu. [District Rule 2201] Federally Enforceable Through Title V Permit
12. PM10 emissions from natural gas or LPG combustion shall not exceed 0.0076 lb/MMBtu. [District Rule 2201] Federally Enforceable Through Title V Permit
13. Source testing to measure the NOx and CO emissions from this unit, while firing on natural gas, shall be conducted within 60 days after initial start-up. [District Rules 2201 and 4320] Federally Enforceable Through Title V Permit
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 Rules 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
15. 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
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. 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
18. The source test plan shall identify which basis (ppmv or lb/MMBtu) will be used to demonstrate compliance. [District Rules 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
19. 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 rules 4305, 4306 and 4320. [District Rules 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
20. 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, 4306 and 4320] Federally Enforceable Through Title V Permit
21. NOx emissions for source test purposes shall be determined using EPA Method 7E or ARB Method 100 on a ppmv basis. [District Rules 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
22. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. [District Rules 4305, 4306 and 4320] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

23. Stack gas oxygen (O<sub>2</sub>) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rules 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
24. The permittee shall monitor and record the stack concentration of NO<sub>x</sub>, CO, and O<sub>2</sub> 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, 4306 and 4320] Federally Enforceable Through Title V Permit
25. If either the NO<sub>x</sub> or CO concentrations corrected to 3% O<sub>2</sub>, 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, 4306 and 4320] Federally Enforceable Through Title V Permit
26. 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, 4306 and 4320] Federally Enforceable Through Title V Permit
27. The permittee shall maintain records of: (1) the date and time of NO<sub>x</sub>, CO, and O<sub>2</sub> measurements, (2) the O<sub>2</sub> concentration in percent and the measured NO<sub>x</sub> and CO concentrations corrected to 3% O<sub>2</sub>, (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, 4306 and 4320] Federally Enforceable Through Title V Permit
28. Permittee shall determine sulfur content of combusted gas annually or shall demonstrate that the combusted gas is provided from a PUC or FERC regulated source. [District Rules 1081 and 4320] Federally Enforceable Through Title V Permit
29. A record of the amount of fuel burned, on a monthly basis, shall be kept. [40 CFR Part 60 Subpart 60.48c(g)(2)] Federally Enforceable Through Title V Permit
30. The permittee shall maintain records that include the date and the number of hours of operation when unit is fired on LPG. [District Rule 2201] Federally Enforceable Through Title V Permit
31. 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 2201, 4305, 4306 and 4320] Federally Enforceable Through Title V Permit