

MAR 0 1 2010

Mr. Tim Durham Ingomar Packing PO Box 1448 Los Banos, CA 93635

Re: Notice of Final Decision - ATC / Certificate of Conformity Facility # N-1276 Project # N-1094036

Dear Mr. Durham:

The Air Pollution Control Officer has issued Authority to Construct permits to Ingomar Packing for its tomato processing facility at 9950 Ingomar Grade in Los Banos, California. The proposal was for the installation of one new boiler and modifications to the fuel usage limits of the existing boilers.

Enclosed are copies of the Authority to Construct permits 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 Authorities to Construct with Certificates of Conformity was published on January 15, 2010. The District's analysis of the proposal was also sent to US EPA Region IX on January 15, 2010. 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, Javid Warner

David Warner Director of Permit Services

DW: MS/cm

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 www.valleyair.org Southern Region 34946 Flyover Court Bakersfield, CA 93308-9725 Tel: (661) 392-5500 FAX: (661) 392-5585



MAR 0 1 2010

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-1276 Project # N-1094036

Dear Mr. Rios:

The Air Pollution Control Officer has issued Authority to Construct permits to Ingomar Packing for its tomato processing facility at 9950 Ingomar Grade in Los Banos, California. The proposal was for the installation of one new boiler and modifications to the fuel usage limits of the existing boilers.

Enclosed are copies of the Authority to Construct permits 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 Authorities to Construct with Certificates of Conformity was published on January 15, 2010. The District's analysis of the proposal was also sent to CARB on January 15, 2010. 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.

Thank you for your cooperation in this matter.

Sincerely

David Warner Director of Permit Services

DW: MS/cm

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MAR 0 1 2010

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-1276 Project # N-1094036

Dear Mr. Tollstrup:

The Air Pollution Control Officer has issued Authority to Construct permits to Ingomar Packing for its tomato processing facility at 9950 Ingomar Grade in Los Banos, California. The proposal was for the installation of one new boiler and modifications to the fuel usage limits of the existing boilers.

Enclosed are copies of the Authority to Construct permits 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 Authorities to Construct with Certificates of Conformity was published on January 15, 2010. The District's analysis of the proposal was also sent to US EPA Region IX on January 15, 2010. 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: MS/cm

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NOTICE OF FINAL DECISION FOR THE ISSUANCE OF AUTHORITY TO CONSTRUCT PERMITS

NOTICE IS HEREBY GIVEN that the Air Pollution Control Officer has issued Authority to Construct permits to Ingomar Packing for its tomato processing facility at 9950 Ingomar Grade in Los Banos, California. The proposal was for the installation of one new boiler and modifications to the fuel usage limits of the existing boilers.

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

The application review for Project #N-1094036, is available for public inspection at 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.





PERMIT NO: N-1276-1-12

ISSUANCE DATE: 03/01/2010

LEGAL OWNER OR OPERATOR: INGOMAR PACKING COMPANY MAILING ADDRESS: P O BOX 1448 LOS BANOS, CA 93635

LOCATION:

9950 S INGOMAR GRADE LOS BANOS, CA 93635

EQUIPMENT DESCRIPTION:

93 MMBTU/HR NEBRASKA MODEL NS-D-65 BOILER WITH A CSI LOW NOX BURNER, AN INDUCED FLUE GAS RECIRCULATION SYSTEM AND A CRI CATASTAK SELECTIVE CATALYTIC REDUCTION SYSTEM WITH AMMONIA INJECTION. MODIFICATION TO REDUCE THE NOX EMISSION LIMIT FROM 7 PPMVD @ 3% O2 TO 5 PPMVD @ 3% O2 AND TO INCREASE THE FACILITY-WIDE FUEL USAGE LIMIT TO 19,600 MMBTU PER DAY.

CONDITIONS

- 1. Authority to Construct N-1276-1-11 shall be implemented prior to the implementation of this Authority to Construct. [District Rule 2201]
- 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 NSR Rule] Federally Enforceable Through Title V Permit
- Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit
- 4. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
- 5. 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
- 6. 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

CONDITIONS CONTINUE ON NEXT PAGE

YOU <u>MUST</u> 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.

Executive/Director / APCO Seved Sadredig

DAVID WARNER, Director of Permit Services

Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475

- 7. This boiler shall be equipped with a totalizing fuel flow meter that measures the quantity of natural gas consumed per day (in cubic feet). The meter shall be maintained in proper operating condition at all times. [District Rule 2201] Federally Enforceable Through Title V Permit
- 8. The unit shall be fired only on PUC-regulated natural gas. [District Rule 2201] Federally Enforceable Through Title V Permit
- 9. The daily fuel usage of this unit shall not exceed 2,160 MMBtu. [District Rule 2201] Federally Enforceable Through Title V Permit
- 10. The facility-wide fuel usage shall not exceed 19,600 MMBtu in any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
- NOx emissions shall not exceed 5 ppmvd @ 3% O2 or 0.0062 lb/MMBtu referenced as NO2. [District Rules 2201, 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
- 12. CO emissions shall not exceed 100 ppmvd @ 3% O2 or 0.074 lb/MMBtu. [District Rules 2201, 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
- VOC emissions shall not exceed 0.00292 lb/MMBtu. [District Rule 2201] Federally Enforceable Through Title V Permit
- 14. SOx emissions shall not exceed 0.00285 lb/MMBtu. [District Rule 2201] Federally Enforceable Through Title V Permit
- PM10 emissions shall not exceed 0.00523 lb/MMBtu. [District Rule 2201] Federally Enforceable Through Title V Permit
- 16. Ammonia (NH3) emissions from the exhaust stack shall not exceed 10 ppmvd @ 3% O2 over a 15 minute averaging period. [District Rule 2201] Federally Enforceable Through Title V Permit
- 17. Source testing to determine compliance with the NOx, CO and ammonia emission limits of this permit shall be conducted at least once every twelve months. After demonstrating compliance on two consecutive annual source tests, the unit shall be tested not less than once every thirty-six months. If the result of a 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 months. [District Rules 4305, 4306 and 4320]
- 18. 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, 7.1] 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, 4306 and 4320]
- 20. 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
- 21. 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, 4306 and 4320]
- 22. For NOx and CO emission 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]
- 23. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081, 7.3] Federally Enforceable Through Title V Permit
- 24. Source testing to measure NOx emissions shall be conducted using EPA Method 7E, EPA Method 19, or CARB Method 100. [District Rules 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
- 25. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. [District Rules 4305, 4305 and 4320] Federally Enforceable Through Title V Permit

- 26. Stack gas oxygen (O2) 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
- 27. Stack gas velocities shall be determined using EPA Method 2. [District Rules 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
- 28. Source testing for ammonia slip shall be conducted utilizing BAAQMD Method ST-1B. [District Rule 1081] Federally Enforceable Through Title V Permit
- 29. The permittee shall monitor and record the stack concentration of NOx, CO, NH3 and O2 at least once during each month in which source testing is not performed. NOx, CO and O2 monitoring shall be conducted utilizing a portable analyzer that meets District specifications. Ammonia monitoring shall be conducted utilizing Draeger tubes or another District approved equivalent method. 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 it has been performed within the last month. [District Rules 2520, 9.3.2, 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
- 30. Ammonia emission readings shall be taken at the time the NOx, CO and O2 readings are taken. The readings shall be converted to ppmvd @ 3% O2. [District Rules 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
- 31. If the NOx, CO or NH3 concentrations, as measured by the portable analyzer or the District approved ammonia monitoring equipment, exceed the permitted levels the permittee shall return the emissions to compliant levels as soon as possible, but no longer than 1 hour of operation after detection. If the portable analyzer or the ammonia monitoring equipment continue to show emission limit violations after 1 hour of operation following detection, the permittee shall notify the District within the following 1 hour and conduct a certified source test within 60 days of the first exceedence. In lieu of conducting a source test, the permittee may stipulate a violation that is subject to enforcement action has occurred. 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
- 32. NOx, CO, O2 and NH3 emission readings shall be taken with the unit operating at conditions representative of normal operation or under the conditions specified in the Permit to Operate. The NOx, CO and O2 analyzer as well as the ammonia emission monitoring equipment shall be calibrated, maintained, and operated in accordance with the manufacturer's specifications and recommendations or a protocol approved by the APCO. Analyzer 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 readings, evenly spaced out over the 15 consecutive-minute period. [District Rules 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
- 33. The permittee shall maintain records of: (1) the date and time of NOx, CO, NH3 and O2 measurements, (2) the O2 concentration in percent by volume and the measured NOx, CO and NH3 concentrations corrected to 3% O2, (3) make and model of the portable analyzer, (4) portable analyzer calibration records, (5) the method of determining the ammonia emission concentration, and (6) a description of any corrective action taken to maintain the emissions at or below the acceptable levels. [District Rules 2520, 9.3.2, 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
- 34. A daily record of the duration of each start-up and shutdown period shall be kept. [District Rules 4306 and 4320] Federally Enforceable Through Title V Permit
- 35. A record of the daily fuel usage of this unit, in Btu, shall be kept. [District Rules 2201 and 2520, 9.3.2 and 40 CFR 60.48(c)] Federally Enforceable Through Title V Permit
- 36. A record of the daily facility-wide fuel usage, in Btu, shall be kept. [District Rule 2201] Federally Enforceable Through Title V Permit
- 37. Operator shall monitor and record for each unit the HHV and cumulative annual use of natural gas fuel. [District Rules 2201, 2520, 9.3.2 and 4351, 6.1.1] Federally Enforceable Through Title V Permit
- 38. The HHV of the fuel shall be certified by a third party fuel supplier or shall be determined in accordance with District Rule 4351. [District Rule 2520, 9.3.2 and 4351, 6.2.1] Federally Enforceable Through Title V Permit

Conditions for N-1276-1-12 (continued)

- 39. On and after July 10, 2010, the permittee shall submit an analysis showing the fuel's sulfur content at least once every year. Valid purchase contracts, supplier certifications, tariff sheets, or transportation contracts may be used to satisfy this requirement provided they establish the fuel parameters mentioned above. [District Rule 4320] Federally Enforceable Through Title V Permit
- 40. All records shall be retained for a period of at least 5 years and shall be made available for District inspection upon request. [District Rules 1070, 4.0, 2520, 9.3.2, 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
- 41. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following subsumed requirements: Rule 405 (Madera), 408 and 409 (Kern), and 408 (all six remaining counties in the San Joaquin Valley); Rule 404 (Madera) 406 (Fresno), and 407 (all six remaining counties in the San Joaquin Valley); SJVUAPCD Rule 4801. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
- 42. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following requirements: SJVUAPCD Rule 4201 and 4301. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
- 43. Compliance with permit conditions in the Title V permit shall be deemed compliance with SJVUAPCD Rule 1081. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
- 44. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following requirements: SJVUAPCD Rule 4305, Sec. 4.2, 5.1.1, 5.1.2,, 5.4, 6.1.1, 6.2 (excepting 6.2.3), 6.3, 8.1 and Rule 4351 Sec 4.2, 5.2.2.1, 5.2.2.2, 6.1.1, 6.2 (excepting 6.2.3), 8.1. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
- 45. The requirements of 40 CFR 72.6(b) are not applicable because this is not an affected unit under the acid rain provisions. The requirements of 40 CFR 60.40c do not apply to this source because it is not used to produce electricity for sale. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit





PERMIT NO: N-1276-2-13

ISSUANCE DATE: 03/01/2010

LEGAL OWNER OR OPERATOR: INGOMAR PACKING COMPANY MAILING ADDRESS: P O BOX 1448 LOS BANOS, CA 93635

LOCATION:

9950 S INGOMAR GRADE LOS BANOS, CA 93635

EQUIPMENT DESCRIPTION:

93 MMBTU/HR NEBRASKA MODEL NS-D-65 BOILER. WITH A CSI LOW NOX BURNER, AND INDUCED FLUE GAS RECIRCULATION SYSTEM AND A CRI CATASTAK SELECTIVE CATALYTIC REDUCTION SYSTEM WITH AMMONIA INJECTION. MODIFICATION TO REDUCE THE NOX LIMIT FROM 7 PPMVD @ 3% O2 TO 5 PPMVD @ 3% O2 AND TO INCREASE THE FACILITY-WIDE FUEL USAGE LIMIT TO 19,600 MMBTU PER DAY.

CONDITIONS

- 1. Authority to Construct N-1276-2-12 shall be implemented prior to the implementation of this Authority to Construct. [District Rule 2201]
- 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 NSR Rule] Federally Enforceable Through Title V Permit
- Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit
- 4. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
- 5. 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
- 6. 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

CONDITIONS CONTINUE ON NEXT PAGE

YOU <u>MUST</u> 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 / APCO

DAVID WARNER, Director of Permit Services

Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475 net on respirate graphic and a start of the second start

Conditions for N-1276-2-13 (continued)

- This boiler shall be equipped with a totalizing fuel flow meter that measures the quantity of natural gas consumed per day (in cubic feet). The meter shall be maintained in proper operating condition at all times. [District Rule 2201] Federally Enforceable Through Title V Permit
- 8. The exhaust stack shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (flapper ok), roof overhang, or any other obstruction. [District Rule 4102]
- 9. This unit shall be fired only on PUC-regulated natural gas. [District Rule 2201] Federally Enforceable Through Title V Permit
- 10. This daily fuel usage of this unit shall not exceed 2,160 MMBtu. [District Rule 2201] Federally Enforceable Through Title V Permit
- 11. The facility-wide fuel usage shall not exceed 19,600 MMBtu in any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
- 12. NOx emissions shall not exceed 5 ppmvd @ 3% O2 (referenced as NO2) or 0.0062 lb/MMBtu. [District Rules 2201, 4306 and 4320] Federally Enforceable Through Title V Permit
- CO emissions shall not exceed 100 ppmvd @ 3% O2 or 0.074 lb/MMBtu. [District Rules 2201, 4306 and 4320] Federally Enforceable Through Title V Permit
- 14. VOC emissions shall not exceed 0.0055 lb/MMBtu (referenced as methane). [District Rule 2201] Federally Enforceable Through Title V Permit
- SOx emissions shall not exceed 0.00285 lb/MMBtu. [District Rule 2201] Federally Enforceable Through Title V Permit
- PM10 emissions shall not exceed 0.0076 lb/MMBtu. [District Rule 2201] Federally Enforceable Through Title V Permit
- 17. Ammonia (NH3) emissions from the exhaust stack shall not exceed 10 ppmvd @ 3% O2 over a 15-minute averaging period. [District Rule 2201] Federally Enforceable Through Title V Permit
- 18. Source testing to determine compliance with the NOx, CO and ammonia emission limits of this permit shall be conducted at least once every twelve months. After demonstrating compliance on two consecutive annual source tests, the unit shall be tested not less than once every thirty-six months. If the result of a 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 months. [District Rules 4305, 4306 and 4320]
- 19. 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
- 20. 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
- 21. 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, 4306 and 4320] Federally Enforceable Through Title V Permit
- 22. For NOx and CO emission 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]
- 23. 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
- 24. Source testing to measure NOx emissions shall be conducted using EPA Method 7E, EPA Method 19, or CARB Method 100. [District Rules 4305, 4306 and 4320] Federally Enforceable Through Title V Permit

Conditions for N-1276-2-13 (continued)

- 25. Source testing to measure CO emissions shall be conducted using EPA Method 10 or CARB Method 100. [District Rules 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
- 26. Stack gas oxygen shall be determined using EPA Method 3 or 3A or CARB Method 100. [District Rules 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
- 27. Stack gas velocities shall be determined using EPA Method 2. [District Rules 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
- 28. Source testing for ammonia slip shall be conducted utilizing BAAQMD Method ST-1B. [District Rule 1081] Federally Enforceable Through Title V Permit
- 29. The permittee shall monitor and record the stack concentration of NOx, CO, NH3, and O2 at least once during each month in which source testing is not performed. NOx, CO and O2 monitoring shall be conducted utilizing a portable analyzer that meets District specifications. Ammonia monitoring shall be conducted utilizing Draeger tubes or another District-approved equivalent method. 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 five days of restarting the unit unless it has been performed within the last month. [District Rules 2201, 4102, 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
- 30. Ammonia emission readings shall be taken at the time the NOx, CO and O2 readings are taken. The readings shall be converted to ppmvd @ 3% O2. [District Rules 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
- 31. If the NOx, CO, or NH3 concentration, as measured by the portable analyzer or the District-approved ammonia monitoring equipment, exceed the permitted levels the permittee shall return the emissions to compliant levels as soon as possible, but no longer than one hour of operation after detection. If the portable analyzer or the ammonia monitoring equipment continue to show emission limit violations after one hour of operation following detection, the permittee shall notify the District within the following one 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 that is subject to enforcement action has occurred. The permittee must then correct the violation, show compliance has been reestablished, 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
- 32. All NOx, CO, NH3, and O2 emission readings shall be taken with the unit operating at conditions representative of normal operation or under the conditions specified in the Permit to Operate. The NOx, CO, and O2 analyzer as well as the NH3 emission monitoring equipment shall be calibrated, maintained, and operated in accordance with the manufacturer's specifications and recommendations or a protocol approved by the APCO. Analyzer 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 readings, evenly spaced out over the 15-consecutive-minute period. [District Rules 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
- 33. The permittee shall maintain records of: (1) the date and time of NOx, CO, NH3, and O2 measurements; (2) the O2 concentration in percent by volume and the measured NOx, CO, and NH3 concentrations corrected to 3% O2; (3) make and model of the portable analyzer; (4) portable analyzer calibration records; (5) the method of determining the NH3 emission concentration; and (6) a description of any corrective action taken to maintain the emissions at or below the acceptable levels. [District Rules 2520, 9.4.2, 4305, 4306 and 4320]
- 34. A daily record of the duration of each start-up and shutdown period shall be kept. [District Rules 4306 and 4320] Federally Enforceable Through Title V Permit
- 35. A record of the daily fuel usage of this unit, in Btu, shall be kept. [District Rules 2201 and 2520, 9.3.2] Federally Enforceable Through Title V Permit
- 36. A record of the daily facility-wide fuel usage, in Btu, shall be kept. [District Rule 2201] Federally Enforceable Through Title V Permit
- 37. Operator shall monitor and record for each unit the HHV and cumulative annual use of natural gas fuel. [District Rules 2201, 2520, 9.3.2 and 4351, 6.1.1] Federally Enforceable Through Title V Permit
- 38. The HHV of the fuel shall be certified by a third party fuel supplier or shall be determined in accordance with District Rule 4351. [District Rule 2520, 9.3.2 and 4351, 6.2.1] Federally Enforceable Through Title V Permit

Conditions for N-1276-2-13 (continued)

- 39. On and after July 10, 2010, the permittee shall submit an analysis showing the fuel's sulfur content at least once every year. Valid purchase contracts, supplier certifications, tariff sheets, or transportation contracts may be used to satisfy this requirement provided they establish the fuel parameters mentioned above. [District Rule 4320] Federally Enforceable Through Title V Permit
- 40. All records shall be maintained and retained on-site for a minimum of 5 years, and shall be made available for District inspection upon request. [District Rules 1070, 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
- 41. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following subsumed requirements: Rule 405 (Madera), 408 and 409 (Kern), and 408 (all six remaining counties in the San Joaquin Valley); Rule 404 (Madera) 406 (Fresno), and 407 (all six remaining counties in the San Joaquin Valley); SJVUAPCD Rule 4801. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
- 42. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following requirements: SJVUAPCD Rule 4201 and 4301. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
- 43. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following requirements: SJVUAPCD Rule 1081. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
- 44. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following requirements: SJVUAPCD Rule 4305, Sec. 4.2, 5.1.1, 5.1.2, 5.4, 6.1.1, 6.2 (excepting 6.2.3), 6.3, 8.1 and Rule 4351 Sec 4.2, 5.2.2.1, 5.2.2.2, 6.1.1, 6.2 (excepting 6.2.3), 8.1. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
- 45. The requirements of 40 CFR 72.6(b) are not applicable because this is not an affected unit under the acid rain provisions. The requirements of 40 CFR 60.40c do not apply to this source because it is not used to produce electricity for sale. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
- 46. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR part 64.7. [40 CFR part 64] Federally Enforceable Through Title V Permit
- 47. The permittee shall comply with the record keeping and reporting requirements of 40 CFR part 64.9. [40 CFR part 64] Federally Enforceable Through Title V Permit
- 48. If the District or EPA determine that a Quality improvement plan is required under 40 CFR part 64.7(d)(2), the permittee shall develop and implement the Quality Improvement Plan in accordance with 40 CFR Part 64.8. [40 CFR Part 64] Federally Enforceable Through Title V Permit





PERMIT NO: N-1276-3-12

LEGAL OWNER OR OPERATOR: INGOMAR PACKING COMPANY MAILING ADDRESS: P O BOX 1448 LOS BANOS, CA 93635

LOCATION:

9950 S INGOMAR GRADE LOS BANOS, CA 93635

EQUIPMENT DESCRIPTION:

156 MMBTU/HR (130,000 LB STEAM/HR) NEBRASKA MODEL N25-T-84 BOILER WITH A TODD RMB ULTRA-LOW NOX BURNER AND AN INDUCED FLUE GAS RECIRCULATION SYSTEM. MODIFICATION TO ELIMINATE PROPANE AS AN APPROVED FUEL AND TO INCREASE THE FACILITY-WIDE FUEL USAGE LIMIT TO 19,600 MMBTU PER DAY.

CONDITIONS

- 1. Authority to Construct N-1276-3-11 shall be implemented prior to the implementation of this Authority to Construct. [District Rule 2201]
- 2. 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 NSR Rule] Federally Enforceable Through Title V Permit
- Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application 3. to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit
- 4. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
- 5. 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
- 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
- 7. The exhaust stack shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (flapper ok), roof overhang, or any other obstruction. [District Rule 4102]

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.

Seved Sadredin, Executive Director / APCO

DAVID WÁRNER, Director of Permit Ser

ISSUANCE DATE: 03/01/2010

Conditions for N-1276-3-12 (continued)

- 8. This boiler shall be equipped with a totalizing mass or volumetric fuel flow meter that measures the quantity of natural gas consumed per day (in cubic feet). The meter shall be maintained in proper operating condition at all times. [District Rule 2201] Federally Enforceable Through Title V Permit
- 9. This unit shall be fired only on PUC-regulated natural gas. [District Rule 2201] Federally Enforceable Through Title V Permit
- 10. The facility-wide fuel usage shall not exceed 19,600 MMBtu in any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
- 11. NOx emissions shall not exceed 7 ppmvd @ 3% O2 (referenced as NO2) or 0.008 lb/MMBtu. [District Rules 2201, 4306 and 4320] Federally Enforceable Through Title V Permit
- 12. CO emissions shall not exceed 100 ppmvd @ 3% O2 or 0.074 lb/MMBtu. [District Rules 2201, 4306 and 4320] Federally Enforceable Through Title V Permit
- 13. VOC emissions shall not exceed 0.0055 lb/MMBtu (referenced as methane). [District Rule 2201] Federally Enforceable Through Title V Permit
- 14. SOx emissions shall not exceed 0.00285 lb/MMBtu. [District Rule 2201] Federally Enforceable Through Title V Permit
- 15. PM10 emissions shall not exceed 0.0076 lb/MMBtu. [District Rule 2201] Federally Enforceable Through Title V Permit
- 16. Source testing to determine compliance with the NOx and CO emission limits of this permit shall be conducted at least once every twelve months. After demonstrating compliance on two consecutive annual source tests, the unit shall be tested not less than once every thirty-six months. If the result of a 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 months. [District Rules 4305, 4306 and 4320]
- 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 Section 3.0 of District Rule 4306. [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. 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
- 22. Source testing to measure NOx emissions shall be conducted using EPA Method 7E, EPA Method 19, or CARB Method 100. [District Rules 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
- 23. 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
- 24. Stack gas oxygen (O2) 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
- 25. Stack gas velocities shall be determined using EPA Method 2. [District Rules 4305, 4306 and 4320] Federally Enforceable Through Title V Permit

Conditions for N-1276-3-12 (continued)

- 26. The flue gas recirculation valve(s) setting shall be monitored at least on a weekly basis. 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 week. Records must be maintained of the dates of non-operation to validate extended monitoring frequencies. [District Rules 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
- 27. The acceptable settings for the flue gas recirculation valve(s) shall be established by source testing this unit or other representative units per Rule 4305 and as approved by the District. The normal range/level shall be that for which compliance with applicable NOx and CO emissions rates have been demonstrated through source testing at a similar firing rate. [District Rules 4305, 4306 and 4320]
- 28. Normal range or level for the flue gas recirculation valve(s) settings shall be re-established during each source test required by this permit. [District Rules 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
- 29. If the flue gas recirculation valve(s) setting is less than the normal range/level, the permittee shall return the flue gas recirculation valve(s) setting to the normal range/level as soon as possible, but no longer than 1 hour of operation after detection. If the flue gas recirculation valve(s) setting is not returned to the normal range/level within 1 hour of operation after detection, the permittee shall notify the District within the following 1 hour, and conduct a source test within 60 days of the first exceedance, to demonstrate compliance with the applicable emission limits at the new flue gas recirculation valve(s) setting. A District-approved portable analyzer may be used in lieu of a source test to demonstrate compliance. 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 reestablished, 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
- 30. The permittee shall maintain records of the date and time of flue gas recirculation valve(s) settings, the observed setting, and the firing rate at the time of the flue gas recirculation valve(s) setting measurements. The records must also include a description of any corrective action taken to maintain the flue gas recirculation valve(s) setting within the acceptable range. [District Rules 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
- 31. During the 36-month source-testing interval, the owner/operator shall have unit tuned at least twice during each calendar year it operates. The tune-ups shall be four to eight months apart and shall be conducted by a technician that is qualified, to the satisfaction of the APCO. All tune-ups shall be conducted in accordance with the procedure described in Rule 4304 (Equipment Tuning Procedure for Boilers, Steam Generators, and Process Heaters). [District Rules 4306 and 4320]
- 32. If the unit does not operate throughout a continuous six-month period within a calendar year, only one tune-up is required for that calendar year. No tune-up is required for any unit that is not operated during that calendar year; this unit may be test fired to verify availability of the unit for its intended use, but once the test firing is completed the unit shall be shutdown. [District Rules 4306 and 4320] Federally Enforceable Through Title V Permit
- 33. The records necessary to show the required tune-ups were conducted shall be kept. [District Rule 4320]
- 34. A daily record of the duration of each start-up and shutdown period shall be kept. [District Rule 4306 and 4320] Federally Enforceable Through Title V Permit
- 35. A record of the daily facility-wide fuel usage, in Btu, shall be kept. [District Rule 2201] Federally Enforceable Through Title V Permit
- 36. Operator shall monitor and record for each unit the HHV and cumulative annual use of natural gas fuel. [District Rules 2201, 2520, 9.3.2 and 4351, 6.1.1] Federally Enforceable Through Title V Permit
- 37. The HHV of the fuel shall be certified by a third party fuel supplier or shall be determined in accordance with District Rule 4351. [District Rule 2520, 9.3.2 and 4351, 6.2.1] Federally Enforceable Through Title V Permit
- 38. On and after July 10, 2010, the permittee shall submit an analysis showing the fuel's sulfur content at least once every year. Valid purchase contracts, supplier certifications, tariff sheets, or transportation contracts may be used to satisfy this requirement provided they establish the fuel parameters mentioned above. [District Rule 4320] Federally Enforceable Through Title V Permit

Conditions for N-1276-3-12 (continued)

- 39. All records shall be maintained and retained on-site for a minimum of 5 years, and shall be made available for District inspection upon request. [District Rules 1070, 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
- 40. This unit is subject to the requirements of 40 CFR Part 60, Subpart Db: Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units. [District Rule 4001] Federally Enforceable Through Title V Permit
- 41. The permittee shall comply with the emission monitoring requirements for nitrogen oxides given in 40 CFR Part 60.48b. [District Rule 4001] Federally Enforceable Through Title V Permit
- 42. The permittee shall comply with the reporting requirements of 40 CFR Part 60.48b. [District Rule 4001] Federally Enforceable Through Title V Permit
- 43. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR part 64.7. [40 CFR part 64] Federally Enforceable Through Title V Permit
- 44. The permittee shall comply with the record keeping and reporting requirements of 40 CFR part 64.9. [40 CFR part 64] Federally Enforceable Through Title V Permit
- 45. If the District or EPA determine that a Quality improvement plan is required under 40 CFR part 64.7(d)(2), the permittee shall develop and implement the Quality Improvement Plan in accordance with 40 CFR Part 64.8. [40 CFR Part 64] Federally Enforceable Through Title V Permit





ISSUANCE DATE: 03/01/2010

AUTHORITY TO CONSTRUCT

PERMIT NO: N-1276-8-6

LEGAL OWNER OR OPERATOR: INGOMAR PACKING COMPANY MAILING ADDRESS:

P O BOX 1448 LOS BANOS, CA 93635

LOCATION:

9950 S INGOMAR GRADE LOS BANOS, CA 93635

EQUIPMENT DESCRIPTION:

182.5 MMBTU/HR ENGLISH MODEL 150-H-600 WATERTUBE BOILER EQUIPPED WITH A TODD/RADIAN RMB BURNER AND AN INDUCED FLUE GAS RECIRCULATION SYSTEM. MODIFICATION TO INCREASE THE FACILITY-WIDE FUEL USAGE LIMIT TO 19,600 MMBTU PER DAY.

CONDITIONS

- 1. Authority to Construct N-1276-8-5 shall be implemented prior to the implementation of this Authority to Construct. [District Rule 2201]
- 2. 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 NSR Rule] Federally Enforceable Through Title V Permit
- 3. Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit
- 4. 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 5. 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
- All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize 6. emissions of air contaminants into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
- The unit shall be fired only on PUC-regulated natural gas. [District Rule 2201] Federally Enforceable Through Title V 7. 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.

Seved Sadredin, Executive Director / APCO

DAVID WARNER, Director of Permit Services

Conditions for N-1276-8-6 (continued)

- 8. The facility-wide fuel usage shall not exceed 19,600 MMBtu in any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
- 9. This boiler shall be equipped with a totalizing mass or volumetric fuel flow meter that measures the quantity of natural gas consumed per day (in cubic feet). The meter shall be maintained in proper operating condition at all times. [District Rule 2201] Federally Enforceable Through Title V Permit
- 10. NOx emissions shall not exceed 7 ppmvd @ 3% O2 or 0.008 lb/MMBtu referenced as NO2. [District Rules 2201, 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
- 11. CO emissions shall not exceed 100 ppmvd @ 3% O2 or 0.074 lb/MMBtu. [District Rules 2201, 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
- 12. VOC emissions shall not exceed 0.0004 lb/MMBtu. [District Rule 2201] Federally Enforceable Through Title V Permit
- 13. SOx emissions shall not exceed 0.00285 lb/MMBtu. [District Rule 2201] Federally Enforceable Through Title V Permit
- PM10 emissions shall not exceed 0.0033 lb/MMBtu. [District Rule 2201] Federally Enforceable Through Title V Permit
- 15. Source testing to measure the NOx and CO emissions from this unit shall be conducted by July 10, 2010. [District Rule 4320] Federally Enforceable Through Title V Permit
- 16. Source testing to determine compliance with the NOx and CO emission limits of this permit shall be conducted at least once every twelve months. After demonstrating compliance on two consecutive annual source tests, the unit shall be tested not less than once every thirty-six months. If the result of a 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 months. [District Rules 4305, 4306 and 4320]
- 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, 7.1] Federally Enforceable Through Title V Permit
- 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 Section 3.0 of District Rule 4306. [District Rules 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
- 20. For NOx and CO 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. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081, 7.3] Federally Enforceable Through Title V Permit
- 22. Source testing to measure NOx emissions shall be conducted using EPA Method 7E, EPA Method 19, or CARB Method 100. [District Rules 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
- 23. 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
- 24. Stack gas oxygen (O2) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rules 4305, 4306 and 4320]
- 25. Stack gas velocities shall be determined using EPA Method 2. [District Rules 4305, 4306 and 4320] Federally Enforceable Through Title V Permit

Conditions for N-1276-8-6 (continued)

- 26. The flue gas recirculation valve(s) setting shall be monitored at least on a daily basis. 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 week. Records must be maintained of the dates of non-operation to validate extended monitoring frequencies. [District Rules 2520, 9.3.2, 4305, 4306, 4320 and 40 CFR part 64] Federally Enforceable Through Title V Permit
- 27. The flue gas recirculation valve(s) setting shall not be less than 68% at firing rates greater than 20% and less than 95%. [District Rules 2520, 9.3.2, 4305, 4306,4320 and 40 CFR 60 part 64] Federally Enforceable Through Title V Permit
- 28. Normal range or level for the flue gas recirculation valve(s) settings shall be re-established during each source test required by this permit. [District Rules 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
- 29. If the flue gas recirculation valve(s) setting is less than the normal range/level, the permittee shall return the flue gas recirculation valve(s) setting to the normal range/level as soon as possible, but no longer than 1 hour of operation after detection. If the flue gas recirculation valve(s) setting is not returned to the normal range/level within 1 hour of operation after detection, the permittee shall notify the District within the following 1 hour, and conduct a source test within 60 days of the first exceedance, to demonstrate compliance with the applicable emission limits at the new flue gas recirculation valve(s) setting 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 reestablished, 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
- 30. The permittee shall maintain records of the date and time of flue gas recirculation valve(s) settings, the observed setting, and the firing rate at the time of the flue gas recirculation valve(s) setting measurements. The records must also include a description of any corrective action taken to maintain the flue gas recirculation valve(s) setting within the acceptable range. [District Rules 2520, 9.3.2, 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
- 31. During the 36-month source-testing interval, the owner/operator shall have unit tuned at least twice during each calendar year it operates. The tune-ups shall be four to eight months apart and shall be conducted by a technician that is qualified to the satisfaction of the APCO. All tune-ups shall be conducted in accordance with the procedure described in Rule 4304 (Equipment Tuning Procedure for Boilers, Steam Generators, and Process Heaters). [District Rules 4306 and 4320] Federally Enforceable Through Title V Permit
- 32. If the unit does not operate throughout a continuous six-month period within a calendar year, only one tune-up is required for that calendar year. No tune-up is required for any unit that is not operated during that calendar year; this unit may be test fired to verify availability of the unit for its intended use, but once the test firing is completed the unit shall be shutdown. [District Rules 4306 and 4320] Federally Enforceable Through Title V Permit
- 33. The records necessary to show the required tune-ups were conducted shall be kept. [District Rule 4320]
- 34. A daily record of the duration of each start-up and shutdown period shall be kept. [District Rules 4306 and 4320] Federally Enforceable Through Title V Permit
- 35. A record of the daily facility-wide fuel usage, in Btu, shall be kept. [District Rule 2201] Federally Enforceable Through Title V Permit
- 36. Operator shall monitor and record for each unit the HHV and cumulative annual use of natural gas fuel. [District Rules 2201, 2520, 9.3.2 and 4351, 6.1.1] Federally Enforceable Through Title V Permit
- 37. The HHV of the fuel shall be certified by a third party fuel supplier or shall be determined in accordance with District Rule 4351. [District Rule 2520, 9.3.2 and 4351, 6.2.1] Federally Enforceable Through Title V Permit
- 38. On and after July 10, 2010, the permittee shall submit an analysis showing the fuel's sulfur content at least once every year. Valid purchase contracts, supplier certifications, tariff sheets, or transportation contracts may be used to satisfy this requirement provided they establish the fuel parameters mentioned above. [District Rule 4320] Federally Enforceable Through Title V Permit
- 39. All records shall be maintained and retained on-site for a minimum of 5 years, and shall be made available for District inspection upon request. [District Rules 1070, 4.0, 2520, 9.4.2, 4305, 4306 and 4320] Federally Enforceable Through Title V Permit

- 40. This unit is subject to the requirements of 40 CFR Part 60, Subpart Db: Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units. [40 CFR Part 60, Subpart Db] Federally Enforceable Through Title V Permit
- 41. The permittee shall comply with the emission monitoring requirements for nitrogen oxides given in 40 CFR Part 60.48b. [40 CFR Part 60, Subpart Db] Federally Enforceable Through Title V Permit
- 42. The permittee shall comply with the reporting requirements of 40 CFR Part 60.48b. [District Rule 4001] Federally Enforceable Through Title V Permit
- 43. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR part 64.7. [40 CFR part 64] Federally Enforceable Through Title V Permit
- 44. The permittee shall comply with the record keeping and reporting requirements of 40 CFR part 64.9. [40 CFR part 64] Federally Enforceable Through Title V Permit
- 45. If the District or EPA determine that a Quality improvement plan is required under 40 CFR part 64.7(d)(2), the permittee shall develop and implement the Quality Improvement Plan in accordance with 40 CFR Part 64.8. [40 CFR Part 64] Federally Enforceable Through Title V Permit





PERMIT NO: N-1276-9-6

LEGAL OWNER OR OPERATOR: INGOMAR PACKING COMPANY MAILING ADDRESS: P O BOX 1448 **ISSUANCE DATE: 03/01/2010**

LOCATION:

9950 S INGOMAR GRADE LOS BANOS, CA 93635

LOS BANOS, CA 93635

EQUIPMENT DESCRIPTION:

182.5 MMBTU/HR ENGLISH MODEL 150-H-600 WATERTUBE BOILER EQUIPPED WITH A TODD/RADIAN RMB BURNER AND AN INDUCED FLUE GAS RECIRCULATION SYSTEM. MODIFICATION TO INCREASE THE FACILITY-WIDE FUEL USAGE LIMIT TO 19,600 MMBTU PER DAY AND TO LIMIT THE FUEL USAGE OF THIS UNIT TO 864,000 MMBTU PER ROLLING 12-MONTH PERIOD.

CONDITIONS

- 1. Authority to Construct N-1276-9-5 shall be implemented prior to the implementation of this Authority to Construct. [District Rule 2201]
- 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 NSR Rule] Federally Enforceable Through Title V Permit
- Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit
- 4. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
- 5. 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
- 6. 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

CONDITIONS CONTINUE ON NEXT PAGE

YOU <u>MUST</u> 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 / APCO

DAVID WARNER, Director of Permit Services

- 7. The boiler shall be fired only on PUC-regulated natural gas. [District Rule 2201] Federally Enforceable Through Title V Permit
- 8. The facility-wide fuel usage shall not exceed 19,600 MMBtu in any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
- 9. The heat input into this unit shall not exceed 864,000 MMBtu during any one rolling 12-month period. [District Rule 2201] Federally Enforceable Through Title V Permit
- 10. This boiler shall be equipped with a totalizing mass or volumetric fuel flow meter that measures the quantity of natural gas consumed per day (in cubic feet). The meter shall be maintained in proper operating condition at all times. [District Rule 2201] Federally Enforceable Through Title V Permit
- NOx emissions shall not exceed 7 ppmvd @ 3% O2 or 0.008 lb/MMBtu referenced as NO2. [District Rules 2201, 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
- CO emissions shall not exceed 100 ppmvd @ 3% O2 or 0.074 lb/MMBtu. [District Rules 2201, 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
- VOC emissions shall not exceed 0.0004 lb/MMBtu. [District Rule 2201] Federally Enforceable Through Title V Permit
- 14. SOx emissions shall not exceed 0.00285 lb/MMBtu. [District Rule 2201] Federally Enforceable Through Title V Permit
- PM10 emissions shall not exceed 0.0033 lb/MMBtu. [District Rule 2201] Federally Enforceable Through Title V Permit
- 16. Source testing to determine compliance with the NOx and CO emission limits of this permit shall be conducted at least once every twelve months. After demonstrating compliance on two consecutive annual source tests, the unit shall be tested not less than once every thirty-six months. If the result of a 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 months. [District Rules 4305, 4306 and 4320]
- 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, 7.1] Federally Enforceable Through Title V Permit
- 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 Section 3.0 of District Rule 4306. [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
- The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081, 7.3]
 Federally Enforceable Through Title V Permit
- 22. Source testing to measure NOx emissions shall be conducted using EPA Method 7E, EPA Method 19, or CARB Method 100. [District Rules 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
- 23. 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
- 24. Stack gas oxygen (O2) 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

- 25. Stack gas velocities shall be determined using EPA Method 2. [District Rules 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
- 26. The flue gas recirculation valve(s) setting shall be monitored at least on a daily basis. 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 week. Records must be maintained of the dates of non-operation to validate extended monitoring frequencies. [District Rules 2520, 9.3.2, 4305, 4306, 4320 and 40 CFR part 64] Federally Enforceable Through Title V Permit
- 27. The flue gas recirculation valve(s) setting shall not be less than 73% at firing rates greater than 27% and less than 95%. [District Rules 2520, 9.3.2, 4305, 4306, 4320 and 40 CFR 60 part 64] Federally Enforceable Through Title V Permit
- 28. Normal range or level for the flue gas recirculation valve(s) settings shall be re-established during each source test required by this permit. [District Rules 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
- 29. If the flue gas recirculation valve(s) setting is less than the normal range/level, the permittee shall return the flue gas recirculation valve(s) setting to the normal range/level as soon as possible, but no longer than 1 hour of operation after detection. If the flue gas recirculation valve(s) setting is not returned to the normal range/level within 1 hour of operation after detection, the permittee shall notify the District within the following 1 hour, and conduct a source test within 60 days of the first exceedance, to demonstrate compliance with the applicable emission limits at the new flue gas recirculation valve(s) setting 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 reestablished, 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
- 30. The permittee shall maintain records of the date and time of flue gas recirculation valve(s) settings, the observed setting, and the firing rate at the time of the flue gas recirculation valve(s) setting measurements. The records must also include a description of any corrective action taken to maintain the flue gas recirculation valve(s) setting within the acceptable range. [District Rules 2520, 9.3.2, 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
- 31. During the 36-month source-testing interval, the owner/operator shall have unit tuned at least twice during each calendar year it operates. The tune-ups shall be four to eight months apart and shall be conducted by a technician that is qualified, to the satisfaction of the APCO. All tune-ups shall be conducted in accordance with the procedure described in Rule 4304 (Equipment Tuning Procedure for Boilers, Steam Generators, and Process Heaters). [District Rules 4306 and 4320] Federally Enforceable Through Title V Permit
- 32. If the unit does not operate throughout a continuous six-month period within a calendar year, only one tune-up is required for that calendar year. No tune-up is required for any unit that is not operated during that calendar year; this unit may be test fired to verify availability of the unit for its intended use, but once the test firing is completed the unit shall be shutdown. [District Rules 4306 and 4320] Federally Enforceable Through Title V Permit
- 33. The records necessary to show the required tune-ups were conducted shall be kept. [District Rule 4320]
- 34. A daily record of the duration of each start-up and shutdown period shall be kept. [District Rules 4306 and 4320] Federally Enforceable Through Title V Permit
- 35. A record of the daily facility-wide fuel usage, in Btu, shall be kept. [District Rule 2201] Federally Enforceable Through Title V Permit
- 36. A record of the fuel usage of this unit, on a 12 month rolling total basis, shall be kept. The record shall be updated at least once every calendar month. [District Rule 2201] Federally Enforceable Through Title V Permit
- 37. Operator shall monitor and record for each unit the HHV and cumulative annual use of natural gas fuel. [District Rules 2201, 2520, 9.3.2 and 4351, 6.1.1] Federally Enforceable Through Title V Permit
- 38. The HHV of the fuel shall be certified by a third party fuel supplier or shall be determined in accordance with District Rule 4351. [District Rule 2520, 9.3.2 and 4351, 6.2.1] Federally Enforceable Through Title V Permit

Conditions for N-1276-9-6 (continued)

- 39. On and after July 10, 2010, the permittee shall submit an analysis showing the fuel's sulfur content at least once every year. Valid purchase contracts, supplier certifications, tariff sheets, or transportation contracts may be used to satisfy this requirement provided they establish the fuel parameters mentioned above. [District Rule 4320] Federally Enforceable Through Title V Permit
- 40. All records shall be maintained and retained on-site for a minimum of 5 years, and shall be made available for District inspection upon request. [District Rules 1070, 4.0, 2520, 9.4.2, 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
- 41. This unit is subject to the requirements of 40 CFR Part 60, Subpart Db: Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units. [40 CFR Part 60, Subpart Db] Federally Enforceable Through Title V Permit
- 42. The permittee shall comply with the emission monitoring requirements for nitrogen oxides given in 40 CFR Part 60.48b. [40 CFR Part 60, Subpart Db] Federally Enforceable Through Title V Permit
- 43. The permittee shall comply with the reporting requirements of 40 CFR Part 60.48b. [District Rule 4001] Federally Enforceable Through Title V Permit
- 44. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR part 64.7. [40 CFR part 64] Federally Enforceable Through Title V Permit
- 45. The permittee shall comply with the record keeping and reporting requirements of 40 CFR part 64.9. [40 CFR part 64] Federally Enforceable Through Title V Permit
- 46. If the District or EPA determine that a Quality improvement plan is required under 40 CFR part 64.7(d)(2), the permittee shall develop and implement the Quality Improvement Plan in accordance with 40 CFR Part 64.8. [40 CFR Part 64] Federally Enforceable Through Title V Permit





PERMIT NO: N-1276-15-3

LEGAL OWNER OR OPERATOR: INGOMAR PACKING COMPANY MAILING ADDRESS: P O BOX 1448

P O BOX 1448 LOS BANOS, CA 93635

LOCATION:

9950 S INGOMAR GRADE LOS BANOS, CA 93635

EQUIPMENT DESCRIPTION:

98 MMBTU/HR NATURAL GAS-FIRED NEBRASKA MODEL NS-F/S 68 BOILER EQUIPPED WITH A TODD VARI-FLAME MODEL #V8151G0XXX LOW NOX BURNER, AN INDUCED FLUE GAS RECIRCULATION SYSTEM AND A CRI CATASTACK SELECTIVE CATALYTIC REDUCTION SYSTEM WITH AMMONIA INJECTION. MODIFICATION TO REDUCE THE NOX LIMIT FROM 7 PPMVD @ 3% O2 TO 5 PPMVD @ 3% O2, INCREASE THE FACILITY-WIDE FUEL USAGE LIMIT TO 19,600 MMBTU PER DAY AND TO LIMIT THE FUEL USAGE OF THIS UNIT TO 200,000 MMBTU PER ROLLING 12-MONTH PERIOD.

CONDITIONS

- 1. Authority to Construct N-1276-15-2 shall be implemented prior to the implementation of this Authority to Construct. [District Rule 2201]
- 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 NSR Rule] Federally Enforceable Through Title V Permit
- Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit
- 4. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
- 5. 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

CONDITIONS CONTINUE ON NEXT PAGE

YOU <u>MUST</u> 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 / APCO

DAVID WARNER, Director of Permit Services N-1276-15-3: Mer 1 2010 9:42AM - SCHONHOM : Joint Inspection NOT Required **ISSUANCE DATE:** 03/01/2010

Conditions for N-1276-15-3 (continued)

- 6. 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
- 7. The unit shall be fired only on PUC-regulated natural gas. [District Rule 2201] Federally Enforceable Through Title V Permit
- 8. The facility-wide fuel usage shall not exceed 19,600 MMBtu in any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
- 9. The heat input into this unit shall not exceed 200,000 MMBtu during any one rolling 12-month period. [District Rule 2201] Federally Enforceable Through Title V Permit
- 10. This boiler shall be equipped with a totalizing mass or volumetric fuel flow meter that measures the quantity of natural gas consumed per day (in cubic feet). The meter shall be maintained in proper operating condition at all times. [District Rule 2201] Federally Enforceable Through Title V Permit
- NOx emissions shall not exceed 5 ppmvd @ 3% O2 or 0.0062 lb/MMBtu referenced as NO2. [District Rules 2201, 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
- CO emissions shall not exceed 50 ppmvd @ 3% O2 or 0.037 lb/MMBtu. [District Rules 2201, 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
- VOC emissions shall not exceed 0.0055 lb/MMBtu. [District Rule 2201] Federally Enforceable Through Title V Permit
- SOx emissions shall not exceed 0.00285 lb/MMBtu. [District Rule 2201] Federally Enforceable Through Title V Permit
- PM10 emissions shall not exceed 0.0076 lb/MMBtu. [District Rule 2201] Federally Enforceable Through Title V Permit
- Ammonia (NH3) emissions shall not exceed 10 ppmvd @ 3% O2 over a 15 minute averaging period. [District Rule 2201] Federally Enforceable Through Title V Permit
- 17. Source testing to determine compliance with the NOx, CO and ammonia emission limits of this permit shall be conducted at least once every twelve months. After demonstrating compliance on two consecutive annual source tests, the unit shall be tested not less than once every thirty-six months. If the result of a 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 months. [District Rules 4305, 4306 and 4320]
- 18. 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
- 19. 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
- 20. 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, 4306 and 4320] Federally Enforceable Through Title V Permit
- 21. For NOx and CO emission 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 that limit. [District Rules 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
- 22. 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
- 23. Source testing to measure NOx emissions shall be conducted using EPA Method 7E, EPA Method 19, or CARB Method 100. [District Rules 4305, 4306 and 4320] Federally Enforceable Through Title V Permit

- 24. 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
- 25. Stack gas oxygen (O2) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rules 4305, 4306 and 4320]
- 26. Stack gas velocities shall be determined using EPA Method 2. [District Rules 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
- 27. Source testing for ammonia slip shall be conducted utilizing BAAQMD Method ST-1B. [District Rule 1081] Federally Enforceable Through Title V Permit
- 28. The permittee shall monitor and record the stack concentration of NOx, CO, NH3 and O2 at least once during each month in which source testing is not performed. NOx, CO and O2 monitoring shall be conducted utilizing a portable analyzer that meets District specifications. Ammonia monitoring shall be conducted utilizing Dreager tubes or another District approved equivalent method. 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 it has been performed within the last month. [District Rules 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
- 29. Ammonia emission readings shall be taken at the time the NOx, CO and O2 readings are taken. The readings shall be converted to ppmvd @ 3% O2. [District Rules 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
- 30. If the NOx, CO or NH3 concentrations, as measured by the portable analyzer or the District approved ammonia monitoring equipment, exceed the permitted levels the permittee shall return the emissions to compliant levels as soon as possible, but no longer than 1 hour of operation after detection. If the portable analyzer or the NH3 monitoring equipment continue to show emission limit violations after 1 hour of operation following 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 that is subject to enforcement action has occurred. 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
- 31. NOx, CO, O2 and NH3 emission readings shall be taken with the unit operating at conditions representative of normal operation or under the conditions specified in the Permit to Operate. The NOx, CO and O2 analyzer as well as the NH3 emission monitoring equipment shall be calibrated, maintained, and operated in accordance with the manufacturer's specifications and recommendations or a protocol approved by the APCO. Analyzer 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 readings, evenly spaced out over the 15 consecutive-minute period [District Rules 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
- 32. The permittee shall maintain records of: (1) the date and time of NOx, CO, NH3 and O2 measurements, (2) the O2 concentration in percent by volume and the measured NOx, CO and NH3 concentrations corrected to 3% O2, (3) make and model of the portable analyzer, (4) portable analyzer calibration records, (5) the method of determining the NH3 emission concentration, and (6) a description of any corrective action taken to maintain the emissions at or below the acceptable levels. [District Rules 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
- 33. A daily record of the duration of each start-up and shutdown period shall be kept. [District Rule 4306 and 4320] Federally Enforceable Through Title V Permit
- 34. A record of the daily facility-wide fuel usage, in Btu, shall be kept. [District Rule 2201] Federally Enforceable Through Title V Permit
- 35. A record of the fuel usage of this unit, on a 12 month rolling total basis, shall be kept. The record shall be updated at least once every calendar month. [District Rule 2201] Federally Enforceable Through Title V Permit
- 36. Operator shall monitor and record for each unit the HHV and cumulative annual use of natural gas fuel. [District Rules 2201, 2520, 9.3.2 and 4351, 6.1.1] Federally Enforceable Through Title V Permit
- 37. The HHV of the fuel shall be certified by a third party fuel supplier or shall be determined in accordance with District Rule 4351. [District Rule 2520, 9.3.2 and 4351, 6.2.1] Federally Enforceable Through Title V Permit

Conditions for N-1276-15-3 (continued)

- 38. On and after July 10, 2010, the permittee shall submit an analysis showing the fuel's sulfur content at least once every year. Valid purchase contracts, supplier certifications, tariff sheets, or transportation contracts may be used to satisfy this requirement provided they establish the fuel parameters mentioned above. [District Rule 4320] Federally Enforceable Through Title V Permit
- 39. All records shall be maintained and retained on-site for a minimum of 5 years, and shall be made available for District inspection upon request. [District Rules 1070, 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
- 40. This unit is subject to the requirements of 40 CFR Part 60, Subpart Dc: Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units. [40 CFR Part 60, Subpart Db] Federally Enforceable Through Title V Permit





PERMIT NO: N-1276-18-0

ISSUANCE DATE: 03/01/2010

LEGAL OWNER OR OPERATOR: INGOMAR PACKING COMPANY MAILING ADDRESS: P O BOX 1448 LOS BANOS, CA 93635

LOCATION:

9950 S INGOMAR GRADE LOS BANOS, CA 93635

EQUIPMENT DESCRIPTION:

180 MMBTU/HR NATURAL GAS FIRED NEBRASKA MODEL 500D-100 BOILER EQUIPPED WITH A JOHN ZINK VARIFLAME BURNER, AN INDUCED FLUE GAS RECIRCULATION SYSTEM AND A HALDOR TOPSOE SELECTIVE CATALYTIC REDUCTION SYSTEM WITH AMMONIA INJECTION.

CONDITIONS

- 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 NSR Rule] Federally Enforceable Through Title V Permit
- Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit
- 3. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
- 4. 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
- 5. 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
- 6. The boiler shall be fired only on PUC-regulated natural gas. [District Rule 2201] Federally Enforceable Through Title V Permit
- 7. The facility-wide fuel usage shall not exceed 19,600 MMBtu in any one day. [District Rule 2201] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU <u>MUST</u> 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 / APCO

DAVID WARNER, Director of Permit Services

- 8. The heat input into this unit shall not exceed 475,000 MMBtu during any one rolling 12-month period. [District Rule 2201] Federally Enforceable Through Title V Permit
- 9. This boiler shall be equipped with a totalizing mass or volumetric fuel flow meter that measures the quantity of natural gas consumed per day (in cubic feet). The meter shall be maintained in proper operating condition at all times. [District Rule 2201] Federally Enforceable Through Title V Permit
- 10. The combined start-up duration shall not exceed 0.5 hour during any one day and shall not exceed 20 hours per calendar year. [District Rules 2201, 4305, 4306 and 4320]
- 11. NOx emissions during non-start-up periods shall not exceed 5 ppmvd @ 3% O2 or 0.0062 lb/MMBtu referenced as NO2. [District Rules 2201, 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
- 12. NOx emissions during start-up periods shall not exceed 40 ppmvd @ 3% O2 or 0.048 lb/MMBtu referenced as NO2. [District Rules 2201, 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
- 13. CO emissions during non-start-up periods shall not exceed 100 ppmvd @ 3% O2 or 0.074 lb/MMBtu. [District Rules 2201, 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
- 14. CO emissions during start-up periods shall not exceed 400 ppmvd @ 3% O2 or 0.3 lb/MMBtu. [District Rules 2201, 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
- 15. VOC emissions shall not exceed 0.004 lb/MMBtu. [District Rule 2201] Federally Enforceable Through Title V Permit
- SOx emissions shall not exceed 0.00285 lb/MMBtu. [District Rule 2201] Federally Enforceable Through Title V Permit
- 17. PM10 emissions shall not exceed 0.0076 lb/MMBtu. [District Rule 2201] Federally Enforceable Through Title V Permit
- Ammonia (NH3) emissions shall not exceed 10 ppmvd @ 3% O2 over a 15 minute averaging period. [District Rule 2201] Federally Enforceable Through Title V Permit
- 19. Initial modeling, to determine the predictive emission monitoring system parameter ranges that indicate compliance with the NOx emission limits of this permit shall be conducted within 60 days after initial start-up. [District Rule 4001 and 40 CFR Part 60 Subpart Db] Federally Enforceable Through Title V Permit
- 20. Acceptable ranges shall be determined for FGR rate, stack O2 content and SCR system ammonia injection rate and they shall be determined for the entire operating range of the unit (broken up into five equal ranges). Separate modeling shall be conducted for each range. [District Rule 4001 and 40 CFR Part 60 Subpart Db] Federally Enforceable Through Title V Permit
- 21. Initial source testing to determine compliance with the NOx, CO and ammonia emission limits of this permit shall be conducted within 60 days after initial start-up. [District Rules 2201, 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
- 22. Source testing to determine compliance with the NOx, CO and ammonia emission limits of this permit shall be conducted at least once every twelve months. After demonstrating compliance on two consecutive annual source tests, the unit shall be tested not less than once every thirty-six months. If the result of a 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 months. [District Rules 4305, 4306 and 4320]
- 23. 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, 7.1] Federally Enforceable Through Title V Permit
- 24. 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
- 25. 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, 4306 and 4320] Federally Enforceable Through Title V Permit

Conditions for N-1276-18-0 (continued)

- 26. 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
- 27. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081, 7.3] Federally Enforceable Through Title V Permit
- 28. Source testing to measure NOx emissions shall be conducted using EPA Method 7E, EPA Method 19, or CARB Method 100. [District Rules 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
- 29. 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
- Stack gas oxygen (O2) 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
- 31. Stack gas velocities shall be determined using EPA Method 2. [District Rules 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
- 32. During the 36-month source-testing interval, the owner/operator shall have unit tuned at least twice during each calendar year it operates. The tune-ups shall be four to eight months apart and shall be conducted by a technician that is qualified, to the satisfaction of the APCO. All tune-ups shall be conducted in accordance with the procedure described in Rule 4304 (Equipment Tuning Procedure for Boilers, Steam Generators, and Process Heaters). [District Rules 4306 and 4320] Federally Enforceable Through Title V Permit
- 33. If the unit does not operate throughout a continuous six-month period within a calendar year, only one tune-up is required for that calendar year. No tune-up is required for any unit that is not operated during that calendar year; this unit may be test fired to verify availability of the unit for its intended use, but once the test firing is completed the unit shall be shutdown. [District Rules 4306 and 4320] Federally Enforceable Through Title V Permit
- 34. The records necessary to show the required tune-ups were conducted shall be kept. [District Rule 4320]
- 35. A daily record of the duration of each start-up and shutdown period shall be kept. [District Rules 2201, 4306 and 4320] Federally Enforceable Through Title V Permit
- 36. A record of the daily facility-wide fuel usage, in Btu, shall be kept. [District Rule 2201] Federally Enforceable Through Title V Permit
- 37. A record of the fuel usage of this unit, on a 12 month rolling total basis shall be kept. The record shall be updated at least once every calendar month. [District Rule 2201] Federally Enforceable Through Title V Permit
- 38. Operator shall monitor and record for each unit the HHV and cumulative annual use of natural gas fuel. [District Rules 2201, 2520, 9.3.2 and 4351, 6.1.1] Federally Enforceable Through Title V Permit
- 39. The HHV of the fuel shall be certified by a third party fuel supplier or shall be determined in accordance with District Rule 4351. [District Rule 2520, 9.3.2 and 4351, 6.2.1] Federally Enforceable Through Title V Permit
- 40. On and after July 10, 2010, the permittee shall submit an analysis showing the fuel's sulfur content at least once every year. Valid purchase contracts, supplier certifications, tariff sheets, or transportation contracts may be used to satisfy this requirement provided they establish the fuel parameters mentioned above. [District Rule 4320] Federally Enforceable Through Title V Permit
- 41. All records shall be maintained and retained on-site for a minimum of 5 years, and shall be made available for District inspection upon request. [District Rules 1070, 4.0, 2520, 9.4.2, 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
- 42. This unit is subject to the requirements of 40 CFR Part 60, Subpart Db: Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units. [40 CFR Part 60, Subpart Db] Federally Enforceable Through Title V Permit
- 43. The permittee shall comply with the emission monitoring requirements for nitrogen oxides given in 40 CFR Part 60.48b. [40 CFR Part 60, Subpart Db] Federally Enforceable Through Title V Permit

- 44. The permittee shall comply with the reporting requirements of 40 CFR Part 60.48b. [District Rule 4001] Federally Enforceable Through Title V Permit
- 45. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR part 64.7. [40 CFR part 64] Federally Enforceable Through Title V Permit
- 46. The permittee shall comply with the record keeping and reporting requirements of 40 CFR part 64.9. [40 CFR part 64] Federally Enforceable Through Title V Permit
- 47. If the District or EPA determine that a Quality improvement plan is required under 40 CFR part 64.7(d)(2), the permittee shall develop and implement the Quality Improvement Plan in accordance with 40 CFR Part 64.8. [40 CFR Part 64] Federally Enforceable Through Title V Permit