



**JAN 08 2014**

Rick Harker  
Olam West Coast, Inc.  
47461 W. Nees  
Firebaugh, CA 93622

**RE: Notice of Final Action - Authority to Construct**  
**Facility Number: C-7748**  
**Project Number: C-1131649**

Dear Mr. Harker:

The Air Pollution Control Officer has issued the Authority to Construct permits to Olam West Coast, Inc. for modifications to the existing vegetable dehydrating facility, at 47641 W. Nees, Firebaugh. Enclosed are 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 Authority to Construct permits was published on December 2, 2013. The District's analysis of the proposal was also sent to CARB on November 22, 2013. All comments received following the District's preliminary decision on this project were considered.

Comments received by the District during the public notice period resulted in typographical corrections to permit conditions. These changes were minor and did not trigger additional public notification requirements, nor did they have any impact upon the Best Available Control Technology determination or on the amount of offsets required for project approval.

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 60 days.

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

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

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

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

Mr. Rick Harker  
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Thank you for your cooperation in this matter. If you have any questions, please contact Mr. Jim Swaney at (559) 230-6000.

Sincerely,

A handwritten signature in black ink, appearing to read "David Warner", with a long horizontal flourish extending to the right.

David Warner  
Director of Permit Services

DW:df

Enclosures

cc: Mike Tollstrup, CARB (w/enclosure) via email



## AUTHORITY TO CONSTRUCT

**PERMIT NO:** C-7748-10-3

**ISSUANCE DATE:** 01/03/2014

**LEGAL OWNER OR OPERATOR:** OLAM WEST COAST INC  
**MAILING ADDRESS:** 47641 W NEES AVE  
FIREBAUGH, CA 93622

**LOCATION:** 47641 W NEES AVE  
FIREBAUGH, CA

**EQUIPMENT DESCRIPTION:**

MODIFICATION OF 54 MMBTU/HR VEGETABLE DEHYDRATION OPERATION (LINE A) WITH ONE 54 MMBTU/HR MAXON MODEL SERIES A NATURAL GAS-FIRED BURNER SERVED BY TWO CYCLONES: INCREASE THE ANNUAL COMBINED EMISSIONS LIMITS

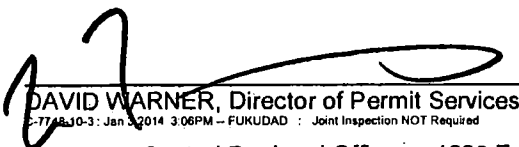
### CONDITIONS

1. Authority to Construct (ATC) N-7748-10-5 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this Authority to Construct. [District Rule 2201]
2. Prior to operating equipment under this Authority to Construct, permittee shall surrender NOx emission reduction credits for the following quantity of emissions: 1st quarter - 1,498 lb, 2nd quarter - 1,498 lb, 3rd quarter - 1,499 lb, and fourth quarter - 1,499 lb. These amounts include the applicable offset ratio specified in Rule 2201 Section 4.8 (as amended 4/21/11) for the ERCs specified below. [District Rule 2201]
3. ERC Certificate Numbers C-959-2 and C-1006-2 (or a certificates split from these certificates) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this Authority to Construct. [District Rule 2201]
4. Permittee shall submit an application to comply with SJVUAPCD District Rule 2520 - Federally Mandated Operating Permits within 12 months of implementing ATC C-7748-10-3, -11-3, -13-3, -14-3, or -16-1. [District Rule 2520]
5. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
6. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]

CONDITIONS CONTINUE ON NEXT PAGE

**YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 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  
C-7748-10-3: Jan 3 2014 3:06PM - FUKUDAD : Joint Inspection NOT Required

7. 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]
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. The unit shall only be fired on PUC-regulated natural gas. [District Rules 2201 and 4309]
10. This dehydrator shall be operated and maintained in proper operating condition as recommended by the dehydrator's manufacturer or APCO-approved alternative procedures. [District Rule 4309]
11. The combined annual emissions from units -10, -11, -13, -14, and -16 shall not exceed any of the following limits: 23,996 lb-NO<sub>x</sub>/year, 1,387 lb-SO<sub>x</sub>/year, 6,758 lb-PM<sub>10</sub>/year, 33,015 lb-CO/year, and 13,169 lb-VOC/year. [District Rules 2201 and 4102]
12. The combined daily material processed by units -10, -11, and -13 shall not exceed 375 ton/day. [District Rule 2201]
13. The combined annual material processed by units -10, -11, and -13 shall not exceed 59,255 tons/year. [District Rule 2201]
14. PM<sub>10</sub> emissions from the handling of dehydrated material not exceed 0.005 lb-PM<sub>10</sub>/ton material processed. [District Rule 2201]
15. Emissions from the natural gas-fired unit shall not exceed any of the following limits: 5.25 ppmvd NO<sub>x</sub> @ 19% O<sub>2</sub> or 0.06 lb-NO<sub>x</sub>/MMBtu, 0.00285 lb-SO<sub>x</sub>/MMBtu, 0.014 lb-PM<sub>10</sub>/MMBtu, 8.62 ppmvd CO @ 19% O<sub>2</sub> or 0.06 lb-CO/MMBtu, or 0.026 lb-VOC/MMBtu. [District Rules 2201 and 4309]
16. A copy of the manufacturer's operation specifications and maintenance instruction manual or APCO-approved alternative procedures shall be maintained on-site during normal business hours. [District Rule 4309]
17. Permittee shall maintain daily operation and maintenance records that demonstrate the dehydrator is operated within the limits of the manufacturer's specification, and maintenance is performed according to the manufacturer's recommendation or APCO-approved alternative procedures. [District Rule 4309]
18. Permittee shall maintain records, which demonstrates the dehydrator is fired exclusively on PUC quality natural gas. [District Rule 4309]
19. Permittee shall maintain daily and annual records of the amount of material processed in the vegetable dehydration line. [District Rule 2201]
20. Permittee shall maintain annual records of the amount of fuel used in the vegetable dehydration line. [District Rule 2201]
21. Permittee shall maintain records of the combined annual NO<sub>x</sub>, SO<sub>x</sub>, PM<sub>10</sub>, CO, and VOC emissions of units -10, -11, -13, -14, and -16. [District Rule 2201]
22. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rules 1070 and 4309]



## AUTHORITY TO CONSTRUCT

**PERMIT NO:** C-7748-11-3

**ISSUANCE DATE:** 01/03/2014

**LEGAL OWNER OR OPERATOR:** OLAM WEST COAST INC  
**MAILING ADDRESS:** 47641 W NEES AVE  
FIREBAUGH, CA 93622

**LOCATION:** 47641 W NEES AVE  
FIREBAUGH, CA

**EQUIPMENT DESCRIPTION:**

MODIFICATION OF 54 MMBTU/HR VEGETABLE DEHYDRATION OPERATION (LINE B) WITH ONE 54 MMBTU/HR MAXON MODEL SERIES A NATURAL GAS-FIRED BURNER SERVED BY TWO CYCLONES: INCREASE THE ANNUAL COMBINED EMISSIONS LIMITS


### CONDITIONS

1. Authority to Construct (ATC) N-7748-11-5 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this Authority to Construct. [District Rule 2201]
2. Prior to operating equipment under this Authority to Construct, permittee shall surrender NOx emission reduction credits for the following quantity of emissions: 1st quarter - 1,498 lb, 2nd quarter - 1,498 lb, 3rd quarter - 1,499 lb, and fourth quarter - 1,499 lb. These amounts include the applicable offset ratio specified in Rule 2201 Section 4.8 (as amended 4/21/11) for the ERCs specified below. [District Rule 2201]
3. ERC Certificate Numbers C-959-2 and C-1006-2 (or a certificates split from these certificates) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this Authority to Construct. [District Rule 2201]
4. Permittee shall submit an application to comply with SJVUAPCD District Rule 2520 - Federally Mandated Operating Permits within 12 months of implementing ATC C-7748-10-3, -11-3, -13-3, -14-3, or -16-1. [District Rule 2520]
5. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
6. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]

CONDITIONS CONTINUE ON NEXT PAGE

**YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 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

Permit 11-3: Jan 3 2014 3:07PM - FUKUDAD : Joint Inspection NOT Required

7. 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]
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. The unit shall only be fired on PUC-regulated natural gas. [District Rules 2201 and 4309]
10. This dehydrator shall be operated and maintained in proper operating condition as recommended by the dehydrator's manufacturer or APCO-approved alternative procedures. [District Rule 4309]
11. The combined annual emissions from units -10, -11, -13, -14, and -16 shall not exceed any of the following limits: 23,996 lb-NO<sub>x</sub>/year, 1,387 lb-SO<sub>x</sub>/year, 6,758 lb-PM<sub>10</sub>/year, 33,015 lb-CO/year, and 13,169 lb-VOC/year. [District Rules 2201 and 4102]
12. The combined daily material processed by units -10, -11, and -13 shall not exceed 375 ton/day. [District Rule 2201]
13. The combined annual material processed by units -10, -11, and -13 shall not exceed 59,255 tons/year. [District Rule 2201]
14. PM<sub>10</sub> emissions from the handling of dehydrated material not exceed 0.005 lb-PM<sub>10</sub>/ton material processed. [District Rule 2201]
15. Emissions from the natural gas-fired unit shall not exceed any of the following limits: 5.25 ppmvd NO<sub>x</sub> @ 19% O<sub>2</sub> or 0.06 lb-NO<sub>x</sub>/MMBtu, 0.00285 lb-SO<sub>x</sub>/MMBtu, 0.014 lb-PM<sub>10</sub>/MMBtu, 8.62 ppmvd CO @ 19% O<sub>2</sub> or 0.06 lb-CO/MMBtu, or 0.026 lb-VOC/MMBtu. [District Rules 2201 and 4309]
16. A copy of the manufacturer's operation specifications and maintenance instruction manual or APCO-approved alternative procedures shall be maintained on-site during normal business hours. [District Rule 4309]
17. Permittee shall maintain daily operation and maintenance records that demonstrate the dehydrator is operated within the limits of the manufacturer's specification, and maintenance is performed according to the manufacturer's recommendation or APCO-approved alternative procedures. [District Rule 4309]
18. Permittee shall maintain records, which demonstrates the dehydrator is fired exclusively on PUC quality natural gas. [District Rule 4309]
19. Permittee shall maintain daily and annual records of the amount of material processed in the vegetable dehydration line. [District Rule 2201]
20. Permittee shall maintain annual records of the amount of fuel used in the vegetable dehydration line. [District Rule 2201]
21. Permittee shall maintain records of the combined annual NO<sub>x</sub>, SO<sub>x</sub>, PM<sub>10</sub>, CO, and VOC emissions of units -10, -11, -13, -14, and -16. [District Rule 2201]
22. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rules 1070 and 4309]



## AUTHORITY TO CONSTRUCT

**PERMIT NO:** C-7748-13-3

**ISSUANCE DATE:** 01/03/2014

**LEGAL OWNER OR OPERATOR:** OLAM WEST COAST INC  
**MAILING ADDRESS:** 47641 W NEES AVE  
FIREBAUGH, CA 93622

**LOCATION:** 47641 W NEES AVE  
FIREBAUGH, CA

**EQUIPMENT DESCRIPTION:**

MODIFICATION OF 48.5 MMBTU/HR VEGETABLE DEHYDRATION OPERATION (LINE D) WITH TWO 20 MMBTU/HR MAXON MODEL NP1, THREE 8 MMBTU/HR MAXON MODEL NP1, AND ONE 5 MMBTU/HR NATURAL GAS-FIRED BURNERS SERVED BY TWO CYCLONES AND ASSOCIATED ONION SLICER EQUIPMENT: INCREASE THE ANNUAL COMBINED EMISSIONS LIMITS

### CONDITIONS

1. Authority to Construct (ATC) N-7748-13-5 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this Authority to Construct. [District Rule 2201]
2. Prior to operating equipment under this Authority to Construct, permittee shall surrender NOx emission reduction credits for the following quantity of emissions: 1st quarter - 1,498 lb, 2nd quarter - 1,498 lb, 3rd quarter - 1,499 lb, and fourth quarter - 1,499 lb. These amounts include the applicable offset ratio specified in Rule 2201 Section 4.8 (as amended 4/21/11) for the ERCs specified below. [District Rule 2201]
3. ERC Certificate Numbers C-959-2 and C-1006-2 (or a certificates split from these certificates) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this Authority to Construct. [District Rule 2201]
4. Permittee shall submit an application to comply with SJVUAPCD District Rule 2520 - Federally Mandated Operating Permits within 12 months of implementing ATC C-7748-10-3, -11-3, -13-3, -14-3, or -16-1. [District Rule 2520]
5. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
6. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]

CONDITIONS CONTINUE ON NEXT PAGE

**YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 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. 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]
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. The unit shall only be fired on PUC-regulated natural gas. [District Rules 2201 and 4309]
10. This dehydrator shall be operated and maintained in proper operating condition as recommended by the dehydrator's manufacturer or APCO-approved alternative procedures. [District Rule 4309]
11. The combined annual emissions from units -10, -11, -13, -14, and -16 shall not exceed any of the following limits: 23,996 lb-NO<sub>x</sub>/year, 1,387 lb-SO<sub>x</sub>/year, 6,758 lb-PM<sub>10</sub>/year, 33,015 lb-CO/year, and 13,169 lb-VOC/year. [District Rules 2201 and 4102]
12. The combined daily material processed by units -10, -11, and -13 shall not exceed 375 ton/day. [District Rule 2201]
13. The combined annual material processed by units -10, -11, and -13 shall not exceed 59,255 tons/year. [District Rule 2201]
14. PM<sub>10</sub> emissions from the handling of dehydrated material not exceed 0.005 lb-PM<sub>10</sub>/ton material processed. [District Rule 2201]
15. Emissions from the natural gas-fired unit shall not exceed any of the following limits: 5.25 ppmvd NO<sub>x</sub> @ 19% O<sub>2</sub> or 0.06 lb-NO<sub>x</sub>/MMBtu, 0.00285 lb-SO<sub>x</sub>/MMBtu, 0.014 lb-PM<sub>10</sub>/MMBtu, 8.62 ppmvd CO @ 19% O<sub>2</sub> or 0.06 lb-CO/MMBtu, or 0.026 lb-VOC/MMBtu. [District Rules 2201 and 4309]
16. A copy of the manufacturer's operation specifications and maintenance instruction manual or APCO-approved alternative procedures shall be maintained on-site during normal business hours. [District Rule 4309]
17. Permittee shall maintain daily operation and maintenance records that demonstrate the dehydrator is operated within the limits of the manufacturer's specification, and maintenance is performed according to the manufacturer's recommendation or APCO-approved alternative procedures. [District Rule 4309]
18. Permittee shall maintain records, which demonstrates the dehydrator is fired exclusively on PUC quality natural gas. [District Rule 4309]
19. Permittee shall maintain daily and annual records of the amount of material processed in the vegetable dehydration line. [District Rule 2201]
20. Permittee shall maintain annual records of the amount of fuel used in the vegetable dehydration line. [District Rule 2201]
21. Permittee shall maintain records of the combined annual NO<sub>x</sub>, SO<sub>x</sub>, PM<sub>10</sub>, CO, and VOC emissions of units -10, -11, -13, -14, and -16. [District Rule 2201]
22. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rules 1070 and 4309]





## AUTHORITY TO CONSTRUCT

**PERMIT NO:** C-7748-14-3

**ISSUANCE DATE:** 01/03/2014

**LEGAL OWNER OR OPERATOR:** OLAM WEST COAST INC  
**MAILING ADDRESS:** 47641 W NEES AVE  
FIREBAUGH, CA 93622

**LOCATION:** 47641 W NEES AVE  
FIREBAUGH, CA

**EQUIPMENT DESCRIPTION:**

MODIFICATION OF 29.4 MMBTU/HR CLEAVER BROOKS MODEL CBI 700 NATURAL GAS-FIRED BOILER WITH A ERIB GIDEON MODEL ERIB 800 ULTRA LOW NOX BURNER AND O2 TRIM SYSTEM; INCREASE ANNUAL COMBINED EMISSIONS LIMITS

### CONDITIONS

1. Authority to Construct (ATC) N-7748-14-4 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this Authority to Construct. [District Rule 2201]
2. Prior to operating equipment under this Authority to Construct, permittee shall surrender NOx emission reduction credits for the following quantity of emissions: 1st quarter - 1,498 lb, 2nd quarter - 1,498 lb, 3rd quarter - 1,499 lb, and fourth quarter - 1,499 lb. These amounts include the applicable offset ratio specified in Rule 2201 Section 4.8 (as amended 4/21/11) for the ERCs specified below. [District Rule 2201]
3. ERC Certificate Numbers C-959-2 and C-1006-2 (or a certificates split from these certificates) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this Authority to Construct. [District Rule 2201]
4. Permittee shall submit an application to comply with SJVUAPCD District Rule 2520 - Federally Mandated Operating Permits within 12 months of implementing ATC C-7748-10-3, -11-3, -13-3, -14-3, or -16-1. [District Rule 2520]
5. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
6. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]

CONDITIONS CONTINUE ON NEXT PAGE

**YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 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

C-7748-14-3 Jan 3 2014 3:07PM -- FUKUDAD : Joint Inspection NOT Required

7. 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]
8. The unit shall only be fired on PUC-regulated natural gas. [District Rules 2201 and 4320]
9. A non-resettable, totalizing mass or volumetric fuel flow meter to measure the amount of fuel combusted in the unit shall be installed, utilized and maintained. [District Rules 2201 and 40 CFR 60.48 (c)(g)]
10. The combined annual emissions from units -10, -11, -13, -14, and -16 shall not exceed any of the following limits: 23,996 lb-NOx/year, 1,387 lb-SOx/year, 6,758 lb-PM10/year, 33,015 lb-CO/year, and 13,169 lb-VOC/year. [District Rules 2201 and 4102]
11. Emissions rates from the natural gas-fired unit shall not exceed any of the following limits: 7 ppmv NOx @ 3% O2 or 0.008 lb-NOx/MMBtu, 0.00285 lb-SOx/MMBtu, 0.014 lb-PM10/MMBtu, 81.2 ppmv CO @ 3% O2 or 0.06 lb-CO/MMBtu, or 0.026 lb-VOC/MMBtu. [District Rules 2201, 4305, 4306, and 4320]
12. Source testing to measure NOx and CO emissions from this unit while fired on natural gas shall be conducted at least once every twelve (12) months. After demonstrating compliance on two (2) consecutive annual source tests, the unit shall be tested not less than once every thirty-six (36) months. If the result of the 36-month source test demonstrates that the unit does not meet the applicable emission limits, the source testing frequency shall revert to at least once every twelve (12) months. [District Rules 4305, 4306, and 4320]
13. 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]
14. 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]
15. 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]
16. The source test plan shall identify which basis (ppmv or lb/MMBtu) will be used to demonstrate compliance. [District Rules 4305, 4306, and 4320]
17. NOx emissions for source test purposes shall be determined using EPA Method 7E or ARB Method 100 on a ppmv basis, or EPA Method 19 on a heat input basis. [District Rules 4305, 4306, and 4320]
18. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. [District Rules 4305, 4306, and 4320]
19. Stack gas oxygen (O2) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rules 4305, 4306, and 4320]
20. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081]
21. The permittee shall monitor and record the stack concentration of NOx, CO, and O2 at least once every month (in which a source test is not performed) using a portable emission monitor that meets District specifications. Monitoring shall not be required if the unit is not in operation, i.e. the unit need not be started solely to perform monitoring. Monitoring shall be performed within 5 days of restarting the unit unless it has been performed within the last month. [District Rules 2201, 4305, 4306 and 4320]

CONDITIONS CONTINUE ON NEXT PAGE

22. If either the NO<sub>x</sub> or CO concentrations corrected to 3% O<sub>2</sub>, as measured by the portable analyzer, exceed the allowable emissions concentration, the permittee shall return the emissions to within the acceptable range as soon as possible, but no longer than 1 hour of operation after detection. If the portable analyzer readings continue to exceed the allowable emissions concentration after 1 hour of operation after detection, the permittee shall notify the District within the following 1 hour and conduct a certified source test within 60 days of the first exceedance. In lieu of conducting a source test, the permittee may stipulate a violation has occurred, subject to enforcement action. The permittee must then correct the violation, show compliance has been re-established, and resume monitoring procedures. If the deviations are the result of a qualifying breakdown condition pursuant to Rule 1100, the permittee may fully comply with Rule 1100 in lieu of the performing the notification and testing required by this condition. [District Rules 4305, 4306 and 4320]
23. All alternate monitoring parameter emission readings shall be taken with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. The analyzer shall be calibrated, maintained, and operated in accordance with the manufacturer's specifications and recommendations or a protocol approved by the APCO. Emission readings taken shall be averaged over a 15 consecutive-minute period by either taking a cumulative 15 consecutive-minute sample reading or by taking at least five (5) readings, evenly spaced out over the 15 consecutive-minute period. [District Rules 4305, 4306 and 4320]
24. The permittee shall maintain records of: (1) the date and time of NO<sub>x</sub>, CO, and O<sub>2</sub> measurements, (2) the O<sub>2</sub> concentration in percent and the measured NO<sub>x</sub> and CO concentrations corrected to 3% O<sub>2</sub>, (3) make and model of exhaust gas analyzer, (4) exhaust gas analyzer calibration records, and (5) a description of any corrective action taken to maintain the emissions within the acceptable range. [District Rules 4305, 4306 and 4320]
25. Permittee shall maintain daily records of the type and quantity of fuel combusted by the boiler. [District Rules 2201 and 40 CFR 60.48 (c)(g)]
26. Permittee shall maintain records of the combined annual NO<sub>x</sub>, SO<sub>x</sub>, PM<sub>10</sub>, CO, and VOC emissions of units -10, -11, -13, -14, and -16. [District Rule 2201]
27. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rules 1070, 4305, 4306, and 4320]



## AUTHORITY TO CONSTRUCT

**PERMIT NO:** C-7748-16-1

**ISSUANCE DATE:** 01/03/2014

**LEGAL OWNER OR OPERATOR:** OLAM WEST COAST INC  
**MAILING ADDRESS:** 47641 W NEES AVE  
FIREBAUGH, CA 93622

**LOCATION:** 47641 W NEES AVE  
FIREBAUGH, CA

**EQUIPMENT DESCRIPTION:**

MODIFICATION OF 1877 HP DEUTZ MODEL TBG620V16 NATURAL GAS-FIRED IC ENGINE EQUIPPED WITH A MIRATECH SCR SYSTEM, POWERING A 1350 KW COGENERATION SYSTEM: INCREASE THE ANNUAL COMBINED EMISSIONS LIMITS

### CONDITIONS

1. Authority to Construct (ATC) N-7748-16-2 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this Authority to Construct. [District Rule 2201]
2. Prior to operating equipment under this Authority to Construct, permittee shall surrender NOx emission reduction credits for the following quantity of emissions: 1st quarter - 1,498 lb, 2nd quarter - 1,498 lb, 3rd quarter - 1,499 lb, and fourth quarter - 1,499 lb. These amounts include the applicable offset ratio specified in Rule 2201 Section 4.8 (as amended 4/21/11) for the ERCs specified below. [District Rule 2201]
3. ERC Certificate Numbers C-959-2 and C-1006-2 (or a certificates split from these certificates) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this Authority to Construct. [District Rule 2201]
4. Permittee shall submit an application to comply with SJVUAPCD District Rule 2520 - Federally Mandated Operating Permits within 12 months of implementing ATC C-7748-10-3, -11-3, -13-3, -14-3, or -16-1. [District Rule 2520]
5. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
6. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]

CONDITIONS CONTINUE ON NEXT PAGE

**YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-6950 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  
C-7748-16-1 : Jan 3 2014 3:07PM -- FUKUDAD : Joint Inspection NOT Required

7. 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]
8. The unit shall only be fired on PUC-regulated natural gas. [District Rule 2201]
9. The permittee shall install and operate a nonresettable fuel meter and a nonresettable elapsed operating time meter. In lieu of installing a nonresettable fuel meter, the owner or operator may use a non-resettable elapsed operating time meter in conjunction with the engine manufacturer's maximum rated fuel consumption to determine annual fuel usage. [District Rule 4702]
10. The operation of the IC engine shall not exceed more than 180 days/year. [District Rule 2201]
11. Emissions from this IC engine shall not exceed any of the following limits: 5 ppmvd NO<sub>x</sub> @ 15% O<sub>2</sub> (equivalent to 0.06 g-NO<sub>x</sub>/hp-hr), 0.011 g-SO<sub>x</sub>/hp-hr, 0.02 g-PM<sub>10</sub>/hp-hr, 71 ppmvd CO @ 15% O<sub>2</sub> (equivalent to 0.6 g-CO/hp-hr), or 25 ppmvd VOC @ 15% O<sub>2</sub> (equivalent to 0.15 g-VOC/hp-hr). [District Rules 2201 and 4702 and 40 CFR 60 Subpart JJJJ]
12. The ammonia (NH<sub>3</sub>) emissions shall not exceed 10 ppmvd @ 15% O<sub>2</sub>. [District Rules 2201 and 4102]
13. The combined annual emissions from units -10, -11, -13, -14, and -16 shall not exceed any of the following limits: 23,996 lb-NO<sub>x</sub>/year, 1,387 lb-SO<sub>x</sub>/year, 6,758 lb-PM<sub>10</sub>/year, 33,015 lb-CO/year, and 13,169 lb-VOC/year. [District Rules 2201 and 4102]
14. NO<sub>x</sub>, CO, VOC, and NH<sub>3</sub> emissions shall be measured (source tested) not less than once every 12 months. [District Rules 2201 and 4702]
15. Emissions source testing shall be conducted with the engine operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. [District Rule 4702]
16. For emissions source testing, the arithmetic average of three 30-consecutive-minute test runs shall apply. If two of three runs are above an applicable limit, the test cannot be used to demonstrate compliance with an applicable limit. VOC emissions shall be reported as methane. VOC, NO<sub>x</sub>, and CO concentrations shall be reported in ppmv, corrected to 15% oxygen. [District Rule 4702]
17. The following test methods shall be used for testing other than start-up testing: NO<sub>x</sub> (ppmv) - EPA Method 7E or ARB Method 100, CO (ppmv) - EPA Method 10 or ARB Method 100, VOC (ppmv) - EPA Method 25A or 25B, or ARB Method 100, stack gas oxygen - EPA Method 3 or 3A or ARB Method 100, and ammonia - BAAQMD ST-1B. EPA approved alternative test methods as approved by the District may also be used to address the source testing requirements of this permit. [District Rules 1081 and 4702]
18. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081]
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]
20. The permittee shall monitor and record the stack concentration of NO<sub>x</sub>, CO, O<sub>2</sub>, and NH<sub>3</sub> at least once every month (in which a source test is not performed). NO<sub>x</sub>, CO, and O<sub>2</sub> concentrations shall be preformed using a portable emission monitor that meets District specifications. NH<sub>3</sub> monitoring shall be conducted utilizing District approved gas-detection tubes or a District approved equivalent method. Monitoring shall not be required if the engine is not in operation, i.e. the engine need not be started solely to perform monitoring. Monitoring shall be performed within 5 days of restarting the engine unless monitoring has been performed within the last month. Records must be maintained of the dates of non-operation to validate extended monitoring frequencies. [District Rules 4102 and 4702]

CONDITIONS CONTINUE ON NEXT PAGE

21. If the NO<sub>x</sub> or CO concentrations corrected to 15% O<sub>2</sub>, as measured by the portable analyzer, or the NH<sub>3</sub> concentrations corrected to 15% O<sub>2</sub>, as measured by District approved gas-detection tubes, exceed the allowable emissions concentration, the permittee shall return the emissions to within the acceptable range as soon as possible, but no longer than 8 hours of operation after detection. If the portable analyzer readings continue to exceed the allowable emissions concentration after 1 hour of operation after detection, the permittee shall notify the District within the following 1 hour and conduct a certified source test within 60 days of the first exceedance. In lieu of conducting a source test, the permittee may stipulate a violation has occurred, subject to enforcement action. The permittee must then correct the violation, show compliance has been re-established, and resume monitoring procedures. If the deviations are the result of a qualifying breakdown condition pursuant to Rule 1100, the permittee may fully comply with Rule 1100 in lieu of the performing the notification and testing required by this condition. [District Rules 4102 and 4702]
22. All alternate monitoring parameter emission readings shall be taken with the unit operating either at conditions representative of normal operations or conditions specified in the permit-to-operate. The analyzer shall be calibrated, maintained, and operated in accordance with the manufacturer's specifications and recommendations or a protocol approved by the APCO. Emission readings taken shall be averaged over a 15 consecutive-minute period by either taking a cumulative 15 consecutive-minute sample reading or by taking at least five (5) readings, evenly spaced out over the 15 consecutive-minute period. [District Rule 4702]
23. This engine shall be operated and maintained in proper operating condition per the manufacturer's requirements as specified on the Inspection and Monitoring (I&M) plan submitted to the District. [District Rule 4702]
24. The permittee shall maintain records of: (1) the date and time of NO<sub>x</sub>, CO, O<sub>2</sub> and NH<sub>3</sub> measurements, (2) the O<sub>2</sub> concentration in percent and the measured NO<sub>x</sub>, CO, and NH<sub>3</sub> concentrations corrected to 15% O<sub>2</sub>, (3) make and model of exhaust gas analyzer, (4) exhaust gas analyzer calibration records, (5) the method of determining the NH<sub>3</sub> emission concentration, and (6) a description of any corrective action taken to maintain the emissions within the acceptable range. [District Rules 4102 and 4702]
25. The permittee shall maintain an engine operating log to demonstrate compliance. The engine operating log shall include, on a monthly basis, the following information: total hours of operation, type and quantity (cubic feet of gas or gallons of liquid) of fuel used, maintenance or modifications performed, monitoring data, compliance source test results, and any other information necessary to demonstrate compliance. [District Rule 4702]
26. Permittee shall maintain annual records of the days the natural gas-fired IC engine is operated. [District Rule 2201]
27. Permittee shall maintain records of the combined annual NO<sub>x</sub>, SO<sub>x</sub>, PM<sub>10</sub>, CO, and VOC emissions of units -10, -11, -13, -14, and -16. [District Rule 2201]
28. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rules 1070 and 4702]
29. The permittee shall update the I&M plan for this engine prior to any planned change in operation. The permittee must notify the District no later than seven days after changing the I&M plan and must submit an updated I&M plan to the APCO for approval no later than 14 days after the change. The date and time of the change to the I&M plan shall be recorded in the engine's operating log. For modifications, the revised I&M plan shall be submitted to and approved by the APCO prior to issuance of the Permit to Operate. The permittee may request a change to the I&M plan at any time. [District Rule 4702]