



NOV 2 9 2012

Higinio Barraza General Testing Services 1605 Glacier Way Wasco, CA 93280

Notice of Final Action - Authority to Construct

Project Number: S-1122732

Dear Mr. Barraza:

The Air Pollution Control Officer has issued Authority to Construct permits to General Testing Services for six transportable well test flares, at various unspecified locations, SJVAPCD.

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 this Authority to Construct was published on October 17, 2012. The District's analysis of the proposal was also sent to CARB on October 11, 2012. 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. Leonard Scandura at (661) 392-5500.

Sincerely.

Director of Permit Services

DW: RUE/cp

Enclosures

Seyed Sadredin

Executive Director/Air Pollution Control Officer





NOV 2 9 2012

Mike Tollstrup, Chief Project Assessment Branch Stationary Source Division California Air Resources Board PO Box 2815 Sacramento, CA 95812-2815

RE: Notice of Final Action - Authority to Construct

Project Number: S-1122732

Dear Mr. Tollstrup:

The Air Pollution Control Officer has issued Authority to Construct permits to General Testing Services for six transportable well test flares, at various unspecified locations, SJVAPCD.

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 this Authority to Construct was published on October 17, 2012. The District's analysis of the proposal was also sent to CARB on October 11, 2012. 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. Leonard Scandura at (661) 392-5500.

Sincerely,

David Warner

Director of Permit Services

DW: RUE/cp

Enclosures

NOTICE OF FINAL ACTION 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 General Testing Services for six transportable well test flares, at various unspecified locations, SJVAPCD.

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

The application review for Project #S-1122732 is available for public inspection at http://www.valleyair.org/notices/public_notices_idx.htm and the SAN JOAQUIN VALLEY UNIFIED AIR POLLUTION CONTROL DISTRICT, 34946 FLYOVER COURT, BAKERSFIELD, CA 93308.





PERMIT NO: S-7581-2-0

ISSUANCE DATE: 11/26/2012

LEGAL OWNER OR OPERATOR: GENERAL TESTING SERVICES

MAILING ADDRESS:

1605 GLACIER WAY WASCO, CA 93280

LOCATION:

VARIOUS UNSPECIFIED LOCATIONS, SJVAPCD

EQUIPMENT DESCRIPTION:

208 MMBTU/HR PORTABLE SMOKELESS AIR-ASSISTED WELL-TEST FLARE WITH A MODEL 100-12-GTS TIP (FLARE #2)

CONDITIONS

- The equipment shall not be located within 1000 ft. of any K-12 school. [CH&SC 42301.6]
- Flare shall only be used to combust gas released during well testing. [District Rule 2201]
- No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
- Permittee shall notify the District Compliance Division of each location at which the operation is located in excess of 24 hours. Such notification shall be made no later than 48 hours after starting operation at the location. [District Rule
- This permit shall not authorize the utilization of any IC engine, or other combustion device requiring a separate permit, for powering the air assist to the flare. [District Rule 2201]
- The unit must not be located and operated at an existing facility or operation such that it becomes part of an existing stationary source as defined by District Rule 2201. [District Rule 2201]
- 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]
- The flare can not operate within 450 meters of the nearest receptor. [District Rule 4102]
- The flare can not operate within 25 meters of the property boundaries. [District Rule 4102]
- 10. Flare shall be equipped with air assist which shall be utilized when needed to maintain visible emissions below Ringlemann 1/4 and 5% opacity. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (661) 392-5500 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

WID WARNER, Director of Permit Services

- 11. Gas line to flare shall be equipped with operational, volumetric flow rate indicator. [District Rule 2201]
- 12. Daily and annual amounts of gas flared shall not exceed 5.0 MMscf/day and 288 MMscf/yr. [District Rule 2201]
- 13. Visible emissions shall not exhibit Ringelmann 1/4 or greater or equivalent 5% opacity or greater for more than three minutes in any one hour. [District Rule 2201]
- 14. Sulfur compound concentration of gas flared shall not exceed 5 gr/100 scf. [District Rule 2201]
- 15. Emission rates shall not exceed any of the following: 0.008 lb-PM10/MMBtu, 0.068 lb-NOx/MMBtu (as NO2), 0.063 lb-VOC/MMBtu, or 0.37 lb-CO/MMBtu. [District Rule 2201]
- 16. The flare shall be operated according to the manufacturer's specifications, a copy of which shall be maintained on site.

 [District Rule 2201]
- 17. Permittee shall inspect the flare in operation for visible emissions no less frequently than once every two weeks. If visible emissions are observed, corrective action shall be taken. If visible emissions persist, an EPA Method 9 test shall be performed within 72 hours. [District Rule 2201]
- 18. Permittee shall document compliance with well gas sulfur compound concentration limit by performing sulfur content analysis of well gas upon startup at each new location of operation of flare. [District Rule 2201]
- 19. The following test methods shall be used for well gas sulfur content: ASTM D3246 or double GC for H2S and mercaptan. [District Rule 1081]
- 20. Permittee shall maintain accurate daily records indicating flare location, flared gas sulfur content at each location, and daily and annual rates of gas flared; and such records shall be made readily available for District inspection upon request for a minimum of 5 years. [District Rule 2201]





PERMIT NO: S-7581-3-0 ISSUANCE DATE: 11/26/2012

LEGAL OWNER OR OPERATOR: GENERAL TESTING SERVICES

MAILING ADDRESS: 1605 GLACIER WAY WASCO, CA 93280

LOCATION: VARIOUS UNSPECIFIED LOCATIONS, SJVAPCD

EQUIPMENT DESCRIPTION:

208 MMBTU/HR PORTABLE SMOKELESS AIR-ASSISTED WELL-TEST FLARE WITH A MODEL 100-12-GTS TIP (FLARE #3)

CONDITIONS

- 1. The equipment shall not be located within 1000 ft. of any K-12 school. [CH&SC 42301.6]
- 2. Flare shall only be used to combust gas released during well testing. [District Rule 2201]
- 3. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
- 4. Permittee shall notify the District Compliance Division of each location at which the operation is located in excess of 24 hours. Such notification shall be made no later than 48 hours after starting operation at the location. [District Rule 2201]
- 5. This permit shall not authorize the utilization of any IC engine, or other combustion device requiring a separate permit, for powering the air assist to the flare. [District Rule 2201]
- 6. The unit must not be located and operated at an existing facility or operation such that it becomes part of an existing stationary source as defined by District Rule 2201. [District Rule 2201]
- 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]
- 8. The flare can not operate within 450 meters of the nearest receptor. [District Rule 4102]
- 9. The flare can not operate within 25 meters of the property boundaries. [District Rule 4102]
- 10. Flare shall be equipped with air assist which shall be utilized when needed to maintain visible emissions below Ringlemann 1/4 and 5% opacity. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

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Seyed Sadredin, Executive Director / APCO

DAVID WARNER, Director of Permit Services 9-7581-3-0: Nov 26 2012 1:15PM - EDGEHUR: Joint Inspection Required with EDGEHUR

- 11. Gas line to flare shall be equipped with operational, volumetric flow rate indicator. [District Rule 2201]
- 12. Daily and annual amounts of gas flared shall not exceed 5.0 MMscf/day and 288 MMscf/yr. [District Rule 2201]
- 13. Visible emissions shall not exhibit Ringelmann 1/4 or greater or equivalent 5% opacity or greater for more than three minutes in any one hour. [District Rule 2201]
- 14. Sulfur compound concentration of gas flared shall not exceed 5 gr/100 scf. [District Rule 2201]
- 15. Emission rates shall not exceed any of the following: 0.008 lb-PM10/MMBtu, 0.068 lb-NOx/MMBtu (as NO2), 0.063 lb-VOC/MMBtu, or 0.37 lb-CO/MMBtu. [District Rule 2201]
- 16. The flare shall be operated according to the manufacturer's specifications, a copy of which shall be maintained on site. [District Rule 2201]
- 17. Permittee shall inspect the flare in operation for visible emissions no less frequently than once every two weeks. If visible emissions are observed, corrective action shall be taken. If visible emissions persist, an EPA Method 9 test shall be performed within 72 hours. [District Rule 2201]
- 18. Permittee shall document compliance with well gas sulfur compound concentration limit by performing sulfur content analysis of well gas upon startup at each new location of operation of flare. [District Rule 2201]
- 19. The following test methods shall be used for well gas sulfur content: ASTM D3246 or double GC for H2S and mercaptan. [District Rule 1081]
- 20. Permittee shall maintain accurate daily records indicating flare location, flared gas sulfur content at each location, and daily and annual rates of gas flared; and such records shall be made readily available for District inspection upon request for a minimum of 5 years. [District Rule 2201]





PERMIT NO: S-7581-4-0 **ISSUANCE DATE:** 11/26/2012

LEGAL OWNER OR OPERATOR: GENERAL TESTING SERVICES

MAILING ADDRESS: 1605 GLACIER WAY WASCO, CA 93280

LOCATION: VARIOUS UNSPECIFIED LOCATIONS, SJVAPCD

EQUIPMENT DESCRIPTION:

208 MMBTU/HR PORTABLE SMOKELESS AIR-ASSISTED WELL-TEST FLARE WITH A MODEL 100-12-GTS TIP (FLARE #4)

CONDITIONS

- 1. The equipment shall not be located within 1000 ft. of any K-12 school. [CH&SC 42301.6]
- 2. Flare shall only be used to combust gas released during well testing. [District Rule 2201]
- 3. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
- 4. Permittee shall notify the District Compliance Division of each location at which the operation is located in excess of 24 hours. Such notification shall be made no later than 48 hours after starting operation at the location. [District Rule 2201]
- 5. This permit shall not authorize the utilization of any IC engine, or other combustion device requiring a separate permit, for powering the air assist to the flare. [District Rule 2201]
- 6. The unit must not be located and operated at an existing facility or operation such that it becomes part of an existing stationary source as defined by District Rule 2201. [District Rule 2201]
- 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]
- 8. The flare can not operate within 450 meters of the nearest receptor. [District Rule 4102]
- 9. The flare can not operate within 25 meters of the property boundaries. [District Rule 4102]
- 10. Flare shall be equipped with air assist which shall be utilized when needed to maintain visible emissions below Ringlemann 1/4 and 5% opacity. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

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Seyed Sadredin, Executive Director / APCO

DAVID WARNER, Director of Permit Services
9-7581-4-0; Nov 29 2012: 1:19PM — EDGEHUR: July displayed from Required with EDGEHUR

- 11. Gas line to flare shall be equipped with operational, volumetric flow rate indicator. [District Rule 2201]
- 12. Daily and annual amounts of gas flared shall not exceed 5.0 MMscf/day and 288 MMscf/yr. [District Rule 2201]
- 13. Visible emissions shall not exhibit Ringelmann 1/4 or greater or equivalent 5% opacity or greater for more than three minutes in any one hour. [District Rule 2201]
- 14. Sulfur compound concentration of gas flared shall not exceed 5 gr/100 scf. [District Rule 2201]
- 15. Emission rates shall not exceed any of the following: 0.008 lb-PM10/MMBtu, 0.068 lb-NOx/MMBtu (as NO2), 0.063 lb-VOC/MMBtu, or 0.37 lb-CO/MMBtu. [District Rule 2201]
- 16. The flare shall be operated according to the manufacturer's specifications, a copy of which shall be maintained on site.

 [District Rule 2201]
- 17. Permittee shall inspect the flare in operation for visible emissions no less frequently than once every two weeks. If visible emissions are observed, corrective action shall be taken. If visible emissions persist, an EPA Method 9 test shall be performed within 72 hours. [District Rule 2201]
- 18. Permittee shall document compliance with well gas sulfur compound concentration limit by performing sulfur content analysis of well gas upon startup at each new location of operation of flare. [District Rule 2201]
- 19. The following test methods shall be used for well gas sulfur content: ASTM D3246 or double GC for H2S and mercaptan. [District Rule 1081]
- 20. Permittee shall maintain accurate daily records indicating flare location, flared gas sulfur content at each location, and daily and annual rates of gas flared; and such records shall be made readily available for District inspection upon request for a minimum of 5 years. [District Rule 2201]





PERMIT NO: S-7581-5-0

ISSUANCE DATE: 11/26/2012

LEGAL OWNER OR OPERATOR: GENERAL TESTING SERVICES

MAILING ADDRESS:

1605 GLACIER WAY WASCO, CA 93280

LOCATION:

VARIOUS UNSPECIFIED LOCATIONS, SJVAPCD

EQUIPMENT DESCRIPTION:

208 MMBTU/HR PORTABLE SMOKELESS AIR-ASSISTED WELL-TEST FLARE WITH A MODEL 100-12-GTS TIP (FLARE #5)

CONDITIONS

- The equipment shall not be located within 1000 ft. of any K-12 school. [CH&SC 42301.6]
- 2. Flare shall only be used to combust gas released during well testing. [District Rule 2201]
- No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102] 3.
- Permittee shall notify the District Compliance Division of each location at which the operation is located in excess of 24 hours. Such notification shall be made no later than 48 hours after starting operation at the location. [District Rule 2201]
- This permit shall not authorize the utilization of any IC engine, or other combustion device requiring a separate permit, for powering the air assist to the flare. [District Rule 2201]
- The unit must not be located and operated at an existing facility or operation such that it becomes part of an existing stationary source as defined by District Rule 2201. [District Rule 2201]
- 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]
- 8. The flare can not operate within 450 meters of the nearest receptor. [District Rule 4102]
- The flare can not operate within 25 meters of the property boundaries. [District Rule 4102]
- 10. Flare shall be equipped with air assist which shall be utilized when needed to maintain visible emissions below Ringlemann 1/4 and 5% opacity. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

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Seyed Sadredin, Executive Director / APCO

WARNER, Director of Permit Services

- 11. Gas line to flare shall be equipped with operational, volumetric flow rate indicator. [District Rule 2201]
- 12. Daily and annual amounts of gas flared shall not exceed 5.0 MMscf/day and 288 MMscf/yr. [District Rule 2201]
- 13. Visible emissions shall not exhibit Ringelmann 1/4 or greater or equivalent 5% opacity or greater for more than three minutes in any one hour. [District Rule 2201]
- 14. Sulfur compound concentration of gas flared shall not exceed 5 gr/100 scf. [District Rule 2201]
- 15. Emission rates shall not exceed any of the following: 0.008 lb-PM10/MMBtu, 0.068 lb-NOx/MMBtu (as NO2), 0.063 lb-VOC/MMBtu, or 0.37 lb-CO/MMBtu. [District Rule 2201]
- 16. The flare shall be operated according to the manufacturer's specifications, a copy of which shall be maintained on site.

 [District Rule 2201]
- 17. Permittee shall inspect the flare in operation for visible emissions no less frequently than once every two weeks. If visible emissions are observed, corrective action shall be taken. If visible emissions persist, an EPA Method 9 test shall be performed within 72 hours. [District Rule 2201]
- 18. Permittee shall document compliance with well gas sulfur compound concentration limit by performing sulfur content analysis of well gas upon startup at each new location of operation of flare. [District Rule 2201]
- 19. The following test methods shall be used for well gas sulfur content: ASTM D3246 or double GC for H2S and mercaptan. [District Rule 1081]
- 20. Permittee shall maintain accurate daily records indicating flare location, flared gas sulfur content at each location, and daily and annual rates of gas flared; and such records shall be made readily available for District inspection upon request for a minimum of 5 years. [District Rule 2201]





PERMIT NO: S-7581-6-0

ISSUANCE DATE: 11/26/2012

LEGAL OWNER OR OPERATOR: GENERAL TESTING SERVICES

MAILING ADDRESS:

1605 GLACIER WAY WASCO, CA 93280

LOCATION:

VARIOUS UNSPECIFIED LOCATIONS, SJVAPCD

EQUIPMENT DESCRIPTION:

208 MMBTU/HR PORTABLE SMOKELESS AIR-ASSISTED WELL-TEST FLARE WITH A MODEL 100-12-GTS TIP (FLARE #6)

CONDITIONS

- The equipment shall not be located within 1000 ft. of any K-12 school. [CH&SC 42301.6]
- Flare shall only be used to combust gas released during well testing. [District Rule 2201]
- No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
- Permittee shall notify the District Compliance Division of each location at which the operation is located in excess of 24 hours. Such notification shall be made no later than 48 hours after starting operation at the location. [District Rule
- This permit shall not authorize the utilization of any IC engine, or other combustion device requiring a separate permit, for powering the air assist to the flare. [District Rule 2201]
- The unit must not be located and operated at an existing facility or operation such that it becomes part of an existing stationary source as defined by District Rule 2201. [District Rule 2201]
- 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]
- 8. The flare can not operate within 450 meters of the nearest receptor. [District Rule 4102]
- The flare can not operate within 25 meters of the property boundaries. [District Rule 4102]
- 10. Flare shall be equipped with air assist which shall be utilized when needed to maintain visible emissions below Ringlemann 1/4 and 5% opacity. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

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Seyed Sadredin, Executive Director / APCO

ID WARNER, Director of Permit Services

- 11. Gas line to flare shall be equipped with operational, volumetric flow rate indicator. [District Rule 2201]
- 12. Daily and annual amounts of gas flared shall not exceed 5.0 MMscf/day and 288 MMscf/yr. [District Rule 2201]
- 13. Visible emissions shall not exhibit Ringelmann 1/4 or greater or equivalent 5% opacity or greater for more than three minutes in any one hour. [District Rule 2201]
- 14. Sulfur compound concentration of gas flared shall not exceed 5 gr/100 scf. [District Rule 2201]
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- 16. The flare shall be operated according to the manufacturer's specifications, a copy of which shall be maintained on site.

 [District Rule 2201]
- 17. Permittee shall inspect the flare in operation for visible emissions no less frequently than once every two weeks. If visible emissions are observed, corrective action shall be taken. If visible emissions persist, an EPA Method 9 test shall be performed within 72 hours. [District Rule 2201]
- 18. Permittee shall document compliance with well gas sulfur compound concentration limit by performing sulfur content analysis of well gas upon startup at each new location of operation of flare. [District Rule 2201]
- 19. The following test methods shall be used for well gas sulfur content: ASTM D3246 or double GC for H2S and mercaptan. [District Rule 1081]
- 20. Permittee shall maintain accurate daily records indicating flare location, flared gas sulfur content at each location, and daily and annual rates of gas flared; and such records shall be made readily available for District inspection upon request for a minimum of 5 years. [District Rule 2201]





PERMIT NO: S-7581-7-0

ISSUANCE DATE: 11/26/2012

LEGAL OWNER OR OPERATOR: GENERAL TESTING SERVICES

MAILING ADDRESS:

1605 GLACIER WAY WASCO, CA 93280

LOCATION:

VARIOUS UNSPECIFIED LOCATIONS, SJVAPCD

EQUIPMENT DESCRIPTION:

208 MMBTU/HR PORTABLE SMOKELESS AIR-ASSISTED WELL-TEST FLARE WITH A MODEL 100-12-GTS TIP (FLARE #7)

CONDITIONS

- The equipment shall not be located within 1000 ft. of any K-12 school. [CH&SC 42301.6]
- Flare shall only be used to combust gas released during well testing. [District Rule 2201]
- No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
- Permittee shall notify the District Compliance Division of each location at which the operation is located in excess of 24 hours. Such notification shall be made no later than 48 hours after starting operation at the location. [District Rule 2201]
- This permit shall not authorize the utilization of any IC engine, or other combustion device requiring a separate permit, for powering the air assist to the flare. [District Rule 2201]
- The unit must not be located and operated at an existing facility or operation such that it becomes part of an existing stationary source as defined by District Rule 2201, [District Rule 2201]
- 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]
- 8. The flare can not operate within 450 meters of the nearest receptor. [District Rule 4102]
- The flare can not operate within 25 meters of the property boundaries. [District Rule 4102]
- 10. Flare shall be equipped with air assist which shall be utilized when needed to maintain visible emissions below Ringlemann 1/4 and 5% opacity. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

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Seyed Sadredin, Executive Director / APCO

M WARNER, Director of Permit Services

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- 12. Daily and annual amounts of gas flared shall not exceed 5.0 MMscf/day and 288 MMscf/yr. [District Rule 2201]
- 13. Visible emissions shall not exhibit Ringelmann 1/4 or greater or equivalent 5% opacity or greater for more than three minutes in any one hour. [District Rule 2201]
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- 18. Permittee shall document compliance with well gas sulfur compound concentration limit by performing sulfur content analysis of well gas upon startup at each new location of operation of flare. [District Rule 2201]
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