



December 4, 2023

Leonel Jimenez
Horn Technologies and Services Inc
2020 S Golden State Blvd
Suite 103
Fowler, CA 93625

RE: Notice of Final Action - Authority to Construct
Facility Number: S-10045
Project Number: S-1232320

Dear Mr. Jimenez:

The Air Pollution Control Officer has issued the Authority to Construct permit to Horn Technologies and Services Inc for the addition of Methyl Bromide fumigation operation, at 12371 Ave 120 Pixley, CA 93256. Enclosed are the Authority to Construct permit and a copy of the notice of final action that has been posted on the District's website (www.valleyair.org).

Notice of the District's preliminary decision to issue the Authority to Construct permit was posted on October 10th, 2023. The District's analysis of the proposal was also sent to CARB on October 10th, 2023. 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 60 days.

Samir Sheikh
Executive Director/Air Pollution Control Officer

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

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

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

Mr. Leonel Jimenez
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Thank you for your cooperation in this matter. If you have any questions, please contact Mr. Errol Villegas at (559) 230-6000.

Sincerely,

Steven Davidson

Brian Clements
Director of Permit Services

BC:pp

Enclosures

cc: Courtney Graham, CARB (w/ enclosure) via email

AUTHORITY TO CONSTRUCT

PERMIT NO: S-10045-1-1

ISSUANCE DATE: 12/04/2023

LEGAL OWNER OR OPERATOR: HORN TECHNOLOGIES AND SERVICES INC.

MAILING ADDRESS: 2020 S. GOLDEN STATE BLVD STE 103
FOWLER, CA 93625

LOCATION: 12371 AVE 120
PIXLEY, CA 93256

EQUIPMENT DESCRIPTION:

MODIFICATION OF FUMIGATION OPERATION FOR FUMIGATION OF ENCLOSED SEA CONTAINERS AND TARPED AREAS UTILIZING ALUMINUM PHOSPHIDE, PHOSPHINE, AND SULFURYL FLUORIDE: ADD METHYL BROMIDE FUMIGATION TO OPERATION

CONDITIONS

1. No fumigant other than Aluminum phosphide, ECO2FUME, VAPORPH2OS, ProFume and Methyl Bromide (CH3Br) shall be used. [District Rule 2201]
2. 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]
3. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
4. Fumigant offgassing shall occur no less than 40 meters distance from the residential property line to the west of the facility, no less than 100 meters from the facility's northern property line, and no less than 180 meters from the facility's southern property line. [District Rule 4102]
5. Fumigant offgassing shall only occur between the hours of 6AM and 8PM. [District Rule 4102]
6. Methyl bromide offgassing shall not exceed 12 pounds of methyl bromide per any rolling hour. [District Rule 4102]
7. Annual methyl bromide throughput shall not exceed 5,500 pounds per year. [District Rule 4102]
8. VOC emissions shall not exceed 288.0 lb/day, equivalent to the use of 288.0 lb-CH3Br/day. [District Rule 4102]
9. Northern Area of Property Sea Container Phosphine Fumigation: Fumigant offgassing shall occur no less than 40 meters distance from the residential property line to the west of the facility. [District Rule 4102]

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.

Samir Sheikh, Executive Director / APCO

Steven Davidson

Brian Clements, Director of Permit Services

S-10045-1-1 : Dec 4 2023 8:10AM - PANTOJAP : Joint Inspection NOT Required

10. Northern Area of Property Sea Container Phosphine Fumigation: Fumigant offgassing shall only occur between the hours of 6AM and 8PM. [District Rule 4102]
11. Northern Area of Property Sea Container Phosphine Fumigation: Annual northern area of property sea container phosphine throughput shall not exceed 1,500 pounds per year. [District Rule 4102]
12. Southern Area of Property Sea Container Phosphine Fumigation: Fumigant offgassing shall occur no less than 40 meters distance from the southernmost residential property line to the north-northwest of the facility, no less than 30 meters from the facility's western property line, no less than 50 meters from the facility's southern property line, and no less than 50 meters from the facility's eastern property line. [District Rule 4102]
13. Southern Area of Property Sea Container Phosphine Fumigation: Fumigant offgassing shall only occur between the hours of 6AM and 8PM. [District Rule 4102]
14. Southern Area of Property Sea Container Phosphine Fumigation: Annual southern area of property sea container phosphine throughput shall not exceed 1,500 pounds per year. [District Rule 4102]
15. Tarp Fumigation: Fumigant offgassing shall occur no less than 40 meters distance from the southernmost residential property line to the north-northwest of the facility, no less than 30 meters from the facility's western property line, no less than 50 meters from the facility's southern property line, and no less than 50 meters from the facility's eastern property line. [District Rule 4102]
16. Tarp Fumigation: Annual tarp fumigation phosphine throughput shall not exceed 3,206 pounds per year. [District Rule 4102]
17. Stockpile Fumigation: Fumigant offgassing shall occur no less than 40 meters distance from the southernmost residential property line to the north-northwest of the facility, no less than 30 meters from the facility's western property line, no less than 50 meters from the facility's southern property line, and no less than 50 meters from the facility's eastern property line. [District Rule 4102]
18. Stockpile Fumigation: Annual stockpile fumigation phosphine throughput shall not exceed 1,069 pounds per year. [District Rule 4102]
19. Sea Container, Tarp, and Stockpile Phosphine Fumigation: The total facility phosphine fumigant usage shall not exceed 7,275 pounds per year. [District Rule 4102]
20. Sea Container, Tarp, and Stockpile Phosphine Fumigation: Total monthly facility usage of phosphine shall not exceed the following conditions for any of the months listed. [District Rule 4102]
21. January, February, March, and December: No more than 8% of the annual phosphine total (582 pounds) shall be used in each of these four months. [District Rule 4102]
22. April: No more than 10% of the annual phosphine total (727.5 pounds) shall be used in this month. [District Rule 4102]
23. May and June: No more than 4% of the annual phosphine total (291 pounds) shall be used in each of these two months. [District Rule 4102]
24. July and August: No more than 3% of the annual phosphine total (218.3 pounds) shall be used in each of these two months. [District Rule 4102]
25. September: No more than 9% of the annual phosphine total (654.7 pounds) shall be used in this month. [District Rule 4102]
26. October: No more than 20% of the annual phosphine total (1,455 pounds) shall be used in this month. [District Rule 4102]
27. November: No more than 15% of the annual phosphine total (1,091.2 pounds) shall be used in this month. [District Rule 4102]
28. Permittee shall maintain daily records of the amount of CH₃Br used. [District Rule 2201]
29. All records shall be retained onsite for a period of at least 5 years and shall be made available for District inspection upon request. [District Rule 2201]