

APR 10 2019

Trevor Hearty
Kingspan Insulated Panels
2000 Morgan Road
Modesto, CA 95358

RE: Notice of Final Action - Authority to Construct
Facility Number: N-8131
Project Number: N-1182961

Dear Mr. Hearty:

The Air Pollution Control Officer has issued the Authority to Construct permit to Kingspan Insulated Panels for polyisocyanurate (PIR) insulated panel manufacturing operation consisting of a pentamat, double belt laminator, panel cutting saws served by a dust collector, pressurized pentane storage tank, and associated pumps and conveyors, at 2000 Morgan Road in Modesto, CA. Enclosed are the Authority to Construct permit and a copy of the notice of final action to be published approximately three days from the date of this letter.

Notice of the District's preliminary decision to issue the Authority to Construct permit was published on March 1, 2019. The District's analysis of the proposal was also sent to CARB on February 22, 2019. 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. Trevor Hearty
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Thank you for your cooperation in this matter. If you have any questions, please contact Mr. Nick Peirce at (209) 557-6400.

Sincerely,



Arnaud Marjollet
Director of Permit Services

AM:kc

Enclosures

cc: Brian Clerico, CARB (w/enclosure) via email

AUTHORITY TO CONSTRUCT

PERMIT NO: N-8131-3-0

ISSUANCE DATE: 04/02/2019

LEGAL OWNER OR OPERATOR: KINGSPAN INSULATED PANELS

MAILING ADDRESS: 2000 MORGAN RD
MODESTO, CA 95358

LOCATION: 2000 MORGAN ROAD
MODESTO, CA 95358

EQUIPMENT DESCRIPTION:

POLYISOCYANURATE (PIR) INSULATED PANEL MANUFACTURING OPERATION CONSISTING OF A PENTAMAT, DOUBLE BELT LAMINATOR, PANEL CUTTING SAWS SERVED BY A 3,000 CFM COLZANI IMPIANTI DUST COLLECTOR, PRESSURIZED PENTANE STORAGE TANK, AND ASSOCIATED PUMPS AND CONVEYORS.

CONDITIONS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
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. Visible emissions from the exhaust of the duct collector shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in any one hour. [District Rule 2201]
4. 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]
5. The dust collector exhaust fan shall be switched on prior to the start-up of any panel cutting equipment. [District Rule 2201]
6. Replacement filters numbering at least 10% of the total number of filters in the dust collector using each type of filter shall be maintained on the premises. [District Rule 2201]
7. Material removed from the dust collector shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2201]
8. The dust collector cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District Rule 2201]

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.

Samir Sheikh, Executive Director / APCO



Arnaud Marjollet, Director of Permit Services

N-8131-3-0 Apr 22 2019 1:04PM - CHANK Joint Inspection NOT Required

9. The total quantity of Pentane used shall not exceed 6,349 pounds in any one day and 250,000 pounds in any one calendar year. [District Rule 2201]
10. VOC emissions from the manufacturing of Polyisocyanurate (PIR) insulated panels shall not exceed 0.045 lb/lb-pentane used. [District Rule 2201]
11. PM10 emissions from the dust collector shall not exceed 0.00022 gr/dscf. [District Rule 2201]
12. Source testing to measure the VOC (as Pentane) concentration contained within a representative sample of the manufactured PIR insulated panel product to verify the proposed VOC emissions rate of 0.045 lb-VOC/lb-pentane used, shall be conducted within 120 days after initial startup. [District Rule 2201]
13. Source testing to measure the VOC (as Pentane) concentration of a representative sample of the manufactured PIR insulated panel product shall be conducted using EPA Method 25D or other source test method(s) pre-approved by the District in writing. [District Rule 2201]
14. 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]
15. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081]
16. The permittee shall maintain a daily record of the total quantity of Pentane used by this equipment (in pounds). [District Rules 1070 and 2201]
17. The permittee shall maintain a record of the cumulative annual quantity of Pentane used by this equipment (in pounds). The cumulative totals shall be updated at least monthly. [District Rules 1070 and 2201]
18. Records of all maintenance of the dust collector, including all change outs of filter media, shall be maintained. [District Rule 2201]
19. All records shall be maintained and retained on-site for a period of at least 5 years and shall be made available for District inspection upon request. [District Rules 1070 and 2201]