

JUN 21 2016

Dan Deditius
Prison Industry Authority, Avenal
1 Kings Way
Avenal, CA 93204

RE: Final – Authority to Construct/Certificate of Conformity (Minor Mod)
Facility Number: C-954
Project Number: C-1160694

Dear Mr. Deditius:

The Air Pollution Control Officer has issued the Authority to Construct permit to Prison Industry Authority, Avenal for replacing one of the CNC routers under C-954-3, a woodworking operation served by a dust collector, at 1 Kings Way, Avenal.

Enclosed is the Authority to Construct permit. The District's analysis of the proposal was sent to US EPA Region IX on May 3, 2016. 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.

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

Sincerely,


for Arnaud Marjollet
Director of Permit Services

AM:ao

Enclosures

cc: Gerardo C. Rios, EPA (w/enclosure) via email

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

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

AUTHORITY TO CONSTRUCT

PERMIT NO: C-954-3-8

ISSUANCE DATE: 06/15/2016

LEGAL OWNER OR OPERATOR: PRISON INDUSTRY AUTHORITY--AVENAL

MAILING ADDRESS: #1 KINGS WAY
AVENAL, CA 93204

LOCATION: 1 KINGS WAY
AVENAL, CA 93204

EQUIPMENT DESCRIPTION:

MODIFICATION OF WOOD FURNITURE FACTORY LOCATED IN BLDG #290 WITH WOODWORKING OPERATION CONSISTING OF 4 TABLE SAWS, 1 CHOP SAW, 1 BAND SAW, 2 PANEL SAWS, 1 CNC PANEL SAW, 1 CNC SAW, 5 SANDERS, 2 SHAPERS, 1 CLEANER, 1 PLANER, 1 EDGE BANDER, 4 CNC ROUTERS, 1 PIN ROUTER, 2 DRAWER DOVETAILER AND OTHER RELATED EQUIPMENT, ALL SERVED BY AN R.P. RICHARDS MODEL 12-216-3464 BAGHOUSE DUST COLLECTOR WITH REVERSE PULSED-JET CLEANING SYSTEM: REPLACE ONE CNC ROUTER WITH A NEW CNC ROUTER, NO INCREASE IN THROUGHPUT OR EMISSIONS

CONDITIONS

1. 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 Rule 2201] Federally Enforceable Through Title V Permit
2. 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. Authority to Construct (ATC) C-954-3-7 shall be implemented prior to or concurrently to this ATC. [District Rule 2201] Federally Enforceable Through Title V Permit
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] Federally Enforceable Through Title V Permit
5. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

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


Arnaud Marjollet, Director of Permit Services
C-954-3-8 Jun 15 2016 8:12AM - OGDENA - Joint Inspection NOT Required

6. 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
7. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
8. Visible emissions from the exhaust of the dust collector serving the woodworking operation shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in any one hour. [District Rule 2201] Federally Enforceable Through Title V Permit
9. The amount of sawdust collected shall not exceed 2,160 pounds per day. [District Rule 2201] Federally Enforceable Through Title V Permit
10. The PM10 emissions from the dust collector shall not exceed 1.1 lb/day. [District Rule 2201] Federally Enforceable Through Title V Permit
11. All ducting and control equipment shall be in good working order to prevent fugitive particulate emissions. [District Rule 2201] Federally Enforceable Through Title V Permit
12. All filters shall be properly maintained and must be in place during the woodworking operation(s). [District Rule 2201] Federally Enforceable Through Title V Permit
13. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District Rule 2201] Federally Enforceable Through Title V Permit
14. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District Rule 2201] Federally Enforceable Through Title V Permit
15. The baghouse shall operate at all times with a minimum differential pressure of 0.5 inches water column and a maximum differential pressure of 4 inches water column. [District Rule 2201] Federally Enforceable Through Title V Permit
16. Differential operating pressure shall be monitored and recorded on each day that the baghouse operates. [District Rule 2201] Federally Enforceable Through Title V Permit
17. Dust collector exhaust fan(s) shall be switched on prior to the start-up of any woodworking equipment. [District Rule 2201] Federally Enforceable Through Title V Permit
18. Replacement bags numbering at least 10% of the total number of bags in the baghouse shall be maintained on the premises. [District Rule 2201] Federally Enforceable Through Title V Permit
19. Material removed from the dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
20. Dust collector filters shall be thoroughly inspected annually for tears, scuffs, abrasions, holes, or any evidence of particulate matter breakthrough and shall be replaced as needed. [District Rule 2201] Federally Enforceable Through Title V Permit
21. Permittee shall record on a daily basis the amount of sawdust collected in pounds. [District Rule 2201] Federally Enforceable Through Title V Permit
22. Records of dust collector maintenance, inspections, and repairs including all change outs of filter media, shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2201] Federally Enforceable Through Title V Permit
23. Records of the daily differential operating pressure readings shall be retained on-site. [District Rule 2201] Federally Enforceable Through Title V Permit
24. Records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rule 2201] Federally Enforceable Through Title V Permit