

July 20, 2023

Mr. David Parker
Prison Industry Authority - Avenal
#1 King Way / P.O. Box 8
Avenal, CA 93204

Re: Notice of Preliminary Decision – Title V Permit Renewal
Facility Number: C-954
Project Number: C-1220506

Dear Mr. Parker:

Enclosed for your review and comment is the District's analysis of the application to renew the Federally Mandated Operating Permit for Prison Industry Authority - Avenal at Avenal, California.

The notice of preliminary decision for this project has been posted on the District's website (www.valleyair.org). After addressing all comments made during the 30-day public notice and the 45-day EPA comment periods, the District intends to issue the renewed Federally Mandated Operating Permit. Please submit your written comments on this project within the 30-day public comment period, as specified in the enclosed public notice.

Thank you for your cooperation in this matter. If you have any questions, please contact Mr. Nick Peirce, Permit Services Manager, at (209) 557-6400.

Sincerely,



Brian Clements
Director of Permit Services

Enclosures

cc: Courtney Graham, CARB (w/enclosure) via email
cc: Gerardo Rios, EPA (w/enclosure) via EPS

Samir Sheikh
Executive Director/Air Pollution Control Officer

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SAN JOAQUIN VALLEY AIR POLLUTION CONTROL DISTRICT

Proposed Title V Permit Renewal Evaluation Prison Industry Authority - AVENAL C954

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TITLE V PERMIT RENEWAL EVALUATION

Correctional Institution

Engineer: Marisol Miranda
Date: July 7, 2023

Facility Number: C-954
Facility Name: Prison Industry Authority - AVENAL
Mailing Address: #1 Kings Way/P.O. Box 8
Avenal, CA 93204

Contact Name: David Parker
Phone: (916) 365-6935

Responsible Official: David Parker
Title: Prison Industry Administrator

Project # : C-1220506
Deemed Complete: May 10, 2022

I. PROPOSAL

Prison Industry Authority - Avenal was issued a Title V permit on April 1, 2007. As required by District Rule 2520, the applicant is requesting a permit renewal. The existing Title V permit shall be reviewed and modified to reflect all applicable District and federal rules updated, removed, or added since the issuance of the previous Title V permit renewal dated August 22, 2017.

The purpose of this evaluation is to provide the legal and factual basis for all updated applicable requirements and to determine if the facility will comply with these updated requirements. It also specifically identifies all additions, deletions, and/or changes made to permit conditions or equipment descriptions.

II. FACILITY LOCATION

Prison Industry Authority – Avenal is located at #1 Kings Way in Avenal, CA.

III. EQUIPMENT LISTING

A detailed facility printout listing all permitted equipment at the facility is included as Attachment C.

IV. GENERAL PERMIT TEMPLATE USAGE

The applicant does not propose to use any model general permit templates.

V. SCOPE OF EPA AND PUBLIC REVIEW

The applicant is not requesting any model general permit templates. Therefore, all federally enforceable conditions in this current Title V permit will be subject to EPA and public review.

VI. FEDERALLY ENFORCEABLE REQUIREMENTS

A. Rules Updated

- District Rule 2201, New and Modified Stationary Source Review Rule (amended August 15, 2019)
- District Rule 2520, Federally Mandated Operating Permits (amended August 15, 2019)
- District Rule 4601, Architectural Coatings (amended April 16, 2020)
- 40 CFR Part 64, Compliance Assurance Monitoring
- 40 CFR Part 82, Subpart B, Servicing of Motor Vehicle Air Conditioners (amended March 24, 2021)
- 40 CFR Part 82, Subpart F, Recycling and Emission Reduction (amended April 10, 2020)

B. Rules Removed

- Kings County Rule 111, Equipment Breakdown (Rescinded from SIP February 17, 2022)

C. Rules Added

There are no rules that have been added since the last Title V renewal.

D. Rules Not Updated

- District Rule 1070, Inspections (December 17, 1992)
- District Rule 1080, Stack Monitoring (amended December 17, 1992)
- District Rule 1081, Source Sampling (amended December 16, 1993)
- District Rule 1160, Emission Statements (amended November 18, 1992)
- District Rule 2010, Permits Required (amended December 17, 1992)
- District Rule 2020, Exemptions (amended December 18, 2014)
- District Rule 2031, Transfer of Permits (amended December 17, 1992)
- District Rule 2070, Standards for Granting Applications (amended December 17, 1992)
- District Rule 2080, Conditional Approval (amended December 17, 1992)
- District Rule 2410, Prevention of Significant Deterioration (amended November 26, 2012)
- District Rule 4101, Visible Emissions (amended February 17, 2005)
- District Rule 4201, Particulate Matter Concentration (amended December 17, 1992)
- District Rule 4603, Surface Coating of Metal Parts and Products, Plastic Parts and Products, and Pleasure Crafts (amended September 17, 2009)
- District Rule 4606, Wood Products and Flat Wood Paneling Products Coating Operations (amended October 16, 2008)
- District Rule 4801, Sulfur Compounds (amended December 17, 1992)

- District Rule 8011, Fugitive Dust General Requirements (amended August 19, 2004)
- District Rule 8021, Fugitive Dust Requirements for Control of Fine Particulate Matter (PM10) from Construction, Demolition, Excavation, and Extraction Activities (amended August 19, 2004)
- District Rule 8031, Fugitive Dust Requirements for Control of Fine Particulate Matter (PM10) from Handling and Storage of Bulk Materials (amended August 19, 2004)
- District Rule 8041, Fugitive Dust Requirements for Control of Fine Particulate Matter (PM10) from Carryout and Trackout (amended August 19, 2004)
- District Rule 8051, Fugitive Dust Requirements for Control of Fine Particulate Matter (PM10) from Open Area (amended August 19, 2004)
- District Rule 8061, Fugitive Dust Requirements for Control of Fine Particulate Matter (PM10) from Paved and Unpaved Roads (amended August 19, 2004)
- District Rule 8071, Fugitive Dust Requirements for Control of Fine Particulate Matter (PM10) from Unpaved Vehicle/Equipment Areas (amended September 16, 2004)
- 40 CFR Part 61, Subpart M, National Emission Standard for Asbestos (amended July 20, 2004)

VII. REQUIREMENTS NOT FEDERALLY ENFORCEABLE

For each Title V source, the District issues a single permit that contains the Federally Enforceable requirements, as well as the District-only requirements. The District-only requirements are not a part of the Title V Operating Permits. The terms and conditions that are part of the facility's Title V permit are designated as "Federally Enforceable Through Title V Permit".

For this facility, the following are not federally enforceable and will not be discussed in further detail:

A. Rules Added/Updated

There are no rules that have been added since the last Title V renewal.

B. Rules Not Updated

- District Rule 1100, Equipment Breakdown (amended December 17, 1992)
- District Rule 2040, Applications (amended December 17, 1992)
- District Rule 4102, Nuisance (amended December 17, 1992)

VIII. PERMIT REQUIREMENTS

The purpose of this evaluation is to review changes to federally enforceable requirements; therefore, this compliance section will only address rules that have been amended or added since the issuance of the initial Title V permit or most recent renewal of the Title V permit.

A. Kings County Rule 111 – Equipment Breakdown

In accordance with EPA's State Implementation Plan (SIP) Call, on February 17, 2022, the District rescinded Fresno County Rule 110 (Equipment Breakdown), Kern County Rule 111 (Equipment Breakdown), Kings County Rule 111 (Equipment Breakdown), Madera County Rule 113 (Equipment Breakdown), Stanislaus County Rule 110 (Equipment Breakdown), and Tulare County Rule 111 (Equipment Breakdown) from the State Implementation Plan.

Conditions #2, #3, and #40 of permit C-954-0-4 are modified to remove the references that no longer apply. Additionally, conditions #2 and #3 have been updated to not be federally enforceable, since District Rule 1100 and Kings County Rule 111 are not in the SIP.

B. District Rule 2201 - New and Modified Stationary Source Review Rule (NSR)

This rule has been amended since this facility's Title V permit was last renewed. However, the requirements of this rule are only triggered at the time the source undergoes a modification. All applicable requirements from any NSR permit actions have already been incorporated into the current Title V permit.

C. District Rule 2520 - Federally Mandated Operating Permits

This rule has been amended since this facility's previous Title V permit was issued. The amendments enhanced the public notice process by making

public notice information available on the District's website 24 hours/day, 7 days/week, in both Spanish and English. This rule amendment did not require any changes to existing permit conditions. Thus, continued compliance is expected.

D. District Rule 4601 – Architectural Coatings

District Rule 4601 has been amended since this facility's Title V permit was last renewed. This rule limits the emissions of Volatile Organic Compounds (VOC) from architectural coatings. The VOC content limits for coatings and colorants are listed in Tables 1 and 2, respectively, of Section 5.0. This rule specifies architectural coating storage, cleanup, and labeling requirements.

The following changes were included in the latest rule amendment that resulted in revising current permit requirements:

-Table of Standards 1 (through 12/31/2010) and Table of Standards 2 (after 1/1/2011) specifying the VOC content limits of different coatings and colorants have been replaced with Table 1 and Table 2 (effective after 1/1/2022 in Section 5.0)

To ensure compliance with Rule 4601 as amended on April 16, 2020, conditions #24, #25, and #26 of the facility-wide requirements permit C-954-0-3 will be replaced with conditions #24, #25, and #26 on the draft facility-wide permit C-954-0-4.

- No person shall manufacture, blend, repackage, supply, market, sell, solicit or apply any architectural coating or colorant with a VOC content in excess of the applicable limits specified in Table 1 (Coatings) and Table 2 (Colorants) of District Rule 4601 (4/16/20), unless exempted under Section 4.0 of District Rule 4601 (4/16/20). [District Rule 4601]
- All VOC-containing materials subject to Rule 4601 (4/16/20) shall be stored in closed containers when not in use. [District Rule 4601]
- The permittee shall comply with all the Labeling and Test Methods requirements outlined in Rule 4601 Sections 6.1 and 6.3 (4/16/20). [District Rule 4601]

Compliance with the amended rule is expected

E. 40 CFR Part 64 - Compliance Assurance Monitoring (CAM)

40 CFR Part 64 requires Compliance Assurance Monitoring for units that meet the following three criteria:

- 1) the unit must have an emission limit for the pollutant;
- 2) the unit must have add-on controls for the pollutant; these are devices such as flue gas recirculation (FGR), baghouses, and catalytic oxidizers; and
- 3) the unit must have a pre-control potential to emit of greater than the major source thresholds.

Pollutant	Major Source Threshold (lb/year)
NO _x	20,000
SO _x	140,000
PM ₁₀	140,000
CO	200,000
VOC	20,000

C-954-1-10: WOOD PRODUCTS COATING OPERATION WITH HVLP SPRAY GUN, BINKS MODEL PFF-16-10-T-LH SPRAY PAINT BOOTH WITH EXHAUST FILTERS, AND VERID GUNWASHER MODEL 200-1 (COMMON WITH C-954-2)

NO_x, SO_x, and CO:

This permit unit does not have an emission limit for NO_x, SO_x, and CO. Therefore, CAM is not required for these pollutants.

VOC:

This permit unit contains an emission limit for VOC. However, this unit is not equipped with an add-on control device to reduce VOC emissions. Therefore, CAM is not required.

PM₁₀:

This permit unit has an emission limit for PM₁₀ and does have a paint booth with exhaust filters reduce PM₁₀ emissions.

The combined PM₁₀ emission limit for units C-954-1, -2, and -14 is 9.1 lb-PM₁₀/week. As worst case scenario, it is assumed that this unit will emit 9.1 lb-PM₁₀/week for 52 weeks/year. The exhaust filters have a control efficiency of 95% based on a March 26, 2006 Memorandum to EPA, (Review of Spray Booth Filter Information for the Area Source Motor Vehicle).

$$\begin{aligned}\text{PE (uncontrolled)} &= 9.1 \text{ lb-PM}_{10}/\text{week} \times (1 / (1-0.95)) \times 52 \text{ weeks/yr} \\ &= 9,464 \text{ lb-PM}_{10}/\text{year}\end{aligned}$$

Since the uncontrolled emissions are less than the major source threshold of 140,000 lb/year of PM₁₀ emissions, CAM is not required for this unit.

C-954-2-10: WOOD PRODUCTS COATING OPERATION WITH HVLP SPRAY GUN, BINKS MODEL PFF-16-10-T-LH SPRAY PAINT BOOTH WITH EXHAUST FILTERS AND VERID GUNWASHER MODEL 200-1 (COMMON WITH C-954-1) AND LOCATED IN BLDG #290, FURNITURE FACTORY

NO_x, SO_x, and CO:

The permit unit does not have emission limits for NO_x, SO_x, and CO. Therefore, CAM is not required for these pollutants.

VOC:

This permit unit contains an emission limit for VOC. However, this unit is not equipped with an add-on control device to reduce VOC emissions. Therefore, CAM is not required.

PM₁₀:

This permit unit has an emission limit for PM₁₀ and is served by a paint booth with exhaust filters to reduce PM₁₀ emissions.

The combined PM₁₀ emission limit for units C-954-1, -2, and -14 is 9.1 lb-PM₁₀/week. As worst case scenario, it is assumed that this unit will emit 9.1 lb-PM₁₀/week for 52 weeks/year. The exhaust filters have a control efficiency of 95% based on a March 26, 2006 Memorandum to EPA, (Review of Spray Booth Filter Information for the Area Source Motor Vehicle).

$$\begin{aligned}\text{PE (uncontrolled)} &= 9.1 \text{ lb-PM}_{10}/\text{week} \times (1 / (1-0.95)) \times 52 \text{ weeks/yr} \\ &= 9,464 \text{ lb-PM}_{10}/\text{year}\end{aligned}$$

Since the uncontrolled emissions are less than the major source threshold of 140,000 lb/year of PM₁₀ emissions, CAM is not required for this unit.

C-954-3-14: WOOD FURNITURE FACTORY LOCATED IN BLDG #290 WITH WOODWORKING OPERATION CONSISTING OF 4 TABLE SAWS, 2 CHOP SAWS, 1 BAND SAW, 1 PANEL SAW, 1 CNC PANEL SAW, 1 CNC SAW, 5 SANDERS, 2 SHAPERS, 1 CLEANER, 1 PLANER, 2 EDGE BANDERS, 5 CNC

ROUTERS, 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 AND
A HEATED PANEL EXPRESS GLUE PRESS SYSTEM

NO_x, SO_x, and CO:

This permit unit does not have emission limits for NO_x, SO_x, and CO. Therefore, CAM is not required for these pollutants.

VOC:

This permit unit contains an emission limit for VOC. However, this unit is not equipped with an add-on control device to reduce VOC emissions. Therefore, CAM is not required.

PM₁₀:

This permit unit has an emission limit for PM₁₀ and is served by a baghouse to reduce PM₁₀ emissions.

The PM₁₀ emission limit for this unit is 1.1 lb-PM₁₀/day. The baghouse has a control efficiency of 99%.

$$\begin{aligned}\text{PE (uncontrolled)} &= 1.1 \text{ lb-PM}_{10}/\text{day} \times (1 / (1 - 0.99)) \times 365 \text{ days/year} \\ &= 40,150 \text{ lb-PM}_{10}/\text{year}\end{aligned}$$

Since the uncontrolled emissions are less than the major source threshold of 140,000 lb/year of PM₁₀ emissions, CAM is not required for this unit.

C-954-4-9: POWDER COATING OPERATION CONSISTING OF POWDER
COATING BOOTH, 1.8 MMBTU/HR DRY-OFF OVEN, 3.3 MMBTU/HR BAKE
OVEN, AND 0.34 MMBTU/HR CONTROLLED PYROLYSIS FURNACE WITH
INTEGRAL AFTERBURNER FOR PARTS HANGER CLEANING

NO_x, SO_x, CO, and VOC:

This permit unit has emission limits for NO_x, SO_x, CO, and VOC but it is not equipped with an add-on control device for these pollutants. Therefore, CAM is not required for NO_x, SO_x, CO, and VOC.

PM10:

This permit unit has an emission limit for PM10 and is served by a coating booth to reduce PM10 emissions.

This permit unit is limited to 600 lb-powder/day. It is assumed that 100% of the powder coating is PM10. The electrostatic spray gun transfer efficiency is 75% (STAPPA/ALAPCO Vol. 2).

Uncontrolled emissions without the use of a powder coating booth are calculated as follows:

$$\begin{aligned}\text{PE (uncontrolled)} &= 600 \text{ lb-powder/day} \times 365 \text{ days/year} \times (1-0.75) \times (1 \text{ lb-PM10/ 1 lb-powder}) \\ &= 54,750 \text{ lb-PM10/year}\end{aligned}$$

Since the uncontrolled emissions are less than the major source threshold of 140,000 lb/year of PM10 emissions, CAM is not required for this unit.

C-954-10-5: POWDER COATING OPERATION WITH ELECTROSTATIC APPLICATION EQUIPMENT, BOOTH WITH DRY FILTERS AND A 0.75 MMBTU/HR NATURAL GAS-FIRED BATCH CURING OVEN

NOx:

This permit unit contains an emission limit for NOx. However, this unit is not equipped with an add-on control device to reduce NOx emissions. Therefore, CAM is not required for NOx.

SOx, CO, and VOC:

This permit unit does not have emission limits for SOx, CO, and VOC. Therefore, CAM is not required for these pollutants.

PM10:

This unit contains an emission limit for PM10 and is served by a powder coating booth.

This permit unit is limited to 319 lb-powder/day. It is assumed that 100% of the powder coating is PM10. The electrostatic spray gun transfer efficiency is 75% (STAPPA/ALAPCO Vol. 2).

PE (uncontrolled) = 319 lb-powder/day x 365 days/year x (1-0.75) x (1 lb-PM10/ 1 lb-powder)
= 29,109 lb-PM10/year

Since the uncontrolled emissions are less than the major source threshold of 140,000 lb/year of PM10 emissions, CAM is not required for this unit.

C-954-14-6: CONVEYORIZED UV COATING LINE CONSISTING OF AN INCLINED UV CURING SYSTEM COATING OPERATION WITH A PAINT SPRAY BOOTH WITH DRY EXHAUST FILTERS, AND WOODWORKING OPERATION INCLUDING: A BELT CONVEYOR, A ROTARY SANDING/DENIBBING MACHINE, A RECIPROCATING SPRAY MACHINE, A PANEL BRUSHING MACHINE, A BELT CONVEYOR FOR HAND SANDING, A BELT CONVEYOR FOR HAND WIPING, A MULTI-LEVEL FLASH-OFF OVEN SYSTEM (ELECTRIC OVEN) EXHAUSTED THROUGH DANTHERM MODEL CS-3-M BAGHOUSE INCLUDING A 40 HP BLOWER AND FILTRATION UNIT, AND A PERMIT EXEMPT BOILER (NATURAL GAS-FIRED, 5 MMBTU/HR OR LESS)

NOx, SOx, and CO:

This permit unit does not have emission limits for NOx, SOx, and CO. Therefore, CAM is not required for these pollutants.

VOC:

This permit unit contains an emission limit for VOC. However, this unit is not equipped with an add-on control device to reduce VOC emissions. Therefore, CAM is not triggered for VOC emissions.

PM10:

This permit unit has an emission limit for PM10 and is served by a paint booth with exhaust filters to reduce PM10 emissions.

The combined PM10 emission limit for units C-954-1, -2, and -14 is 9.1 lb-PM10/week. As worst case scenario, it is assumed that this unit will emit 9.1 lb-PM10/week for 52 weeks/year. The exhaust filters have a control efficiency of 95% based on a March 26, 2006 Memorandum to EPA, (Review of Spray Booth Filter Information for the Area Source Motor Vehicle).

$$\begin{aligned}\text{PE (uncontrolled)} &= 9.1 \text{ lb-PM}_{10}/\text{week} \times (1 / (1 - 0.95)) \times 52 \text{ weeks/yr} \\ &= 9,464 \text{ lb-PM}_{10}/\text{year}\end{aligned}$$

Since the uncontrolled emissions are less than the major source threshold of 140,000 lb/year of PM₁₀ emissions, CAM is not required for this unit.

F. 40 CFR Part 82, Subpart B – Servicing of Motor Vehicle Air Conditioners

The purpose of 40 CFR Part 82 Subpart B is to implement section 609 of the Clean Air Act, as amended regarding the servicing of motor vehicle air conditioners (MVACs), and to implement section 608 of the Act regarding certain servicing, maintenance, repair, and disposal of air conditioners in MVACs and MVAC-like appliances.

These regulations apply to any person performing service on a motor vehicle for consideration when this service involves the refrigerant in the motor vehicle air conditioner.

The amendments to this subpart do not result in a modification to the current permit requirement included as condition 29 on the draft facility-wide permit C-954-0-4. Therefore, the modifications to this subpart are not addressed any further in this evaluation.

G. 40 CFR Part 82, Subpart F – Recycling and Emission Reduction

The purpose of this subpart is to reduce emissions of class I and class II refrigerants and their non-exempt substitutes to the lowest achievable level by maximizing the recapture and recycling of such refrigerants during the maintenance, service, repair, and disposal of appliances and restricting the sale of refrigerants consisting in whole or in part of a class I or class II ozone-depleting substance or their non-exempt substitutes in accordance with Title VI of the Clean Air Act.

This subpart applies to any person maintaining, servicing, or repairing appliances containing class I, class II or non-exempt substitute refrigerants. This subpart also applies to persons disposing of such appliances (including small appliances and motor vehicle air conditioners), refrigerant reclaimers, technician certifying programs, appliance owners and operators, manufacturers of appliances, manufacturers of recovery and/or recycling

equipment, approved recovery and/or recycling equipment testing organizations, and persons buying, selling, or offering to sell class I, class II, or non-exempt substitute refrigerants.

The amendments to this subpart do not result in a modification to the current permit requirement included as condition 28 of the draft facility-wide permit C-954-0-4. Therefore, the modifications to this subpart are not addressed any further in this evaluation.

IX. PERMIT SHIELD

A permit shield legally protects a facility from enforcement of the shielded regulations when a source is in compliance with the terms and conditions of the Title V permit. Compliance with the terms and conditions of the Operating Permit is considered compliance with all applicable requirements upon which those conditions are based, including those that have been subsumed.

A. Requirements Addressed by Model General Permit Templates

The applicant does not propose to use any model general permit templates.

X. California Environmental Quality Act

The purpose of the Title V permit renewal is to update the permit to ensure that any changes to regulations since the issuance of the initial Title V permit or most recent renewal of the Title V permit are incorporated as permit requirements.

Per the California Environmental Quality Act (CEQA) Statute §21080.24, and CEQA Guidelines §15281, the issuance, modification, amendment, or renewal of any permit by an air pollution control district or air quality management district pursuant to Title V is exempt from CEQA, unless the issuance, modification, amendment, or renewal authorizes a physical or operational change to a source or facility. There will be no physical or operational change to the source or facility nor will the Title V permit renewal authorize a physical or operational change to the source or facility. Therefore, this project, a Title V permit renewal, is subject to a ministerial action that is exempt from CEQA.

XI. PERMIT CONDITIONS

See Attachment A - Draft Renewed Title V Operating Permit.

ATTACHMENTS

- A. Draft Renewed Title V Operating Permit
- B. Previous Title V Operating Permit
- C. Detailed Summary List of Facility Permits

ATTACHMENT A

Draft Renewed Title V Operating Permit

San Joaquin Valley

Air Pollution Control District

FACILITY: C-954-0-4

EXPIRATION DATE: 08/31/2022

FACILITY-WIDE REQUIREMENTS

1. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. The owner or operator shall notify the District of any breakdown condition as soon as reasonably possible, but no later than one hour after its detection, unless the owner or operator demonstrates to the District's satisfaction that the longer reporting period was necessary. [District Rule 1100, 6.1; County Rule 111 (Kings)]
3. The District shall be notified in writing within ten days following the correction of any breakdown condition. The breakdown notification shall include a description of the equipment malfunction or failure, the date and cause of the initial failure, the estimated emissions in excess of those allowed, and the methods utilized to restore normal operations. [District Rule 1100, 7.0; County Rule 111 (Kings)]
4. {4364} The owner or operator of any stationary source operation that emits more than 25 tons per year of nitrogen oxides or reactive organic compounds, shall provide the District annually with a written statement in such form and at such time as the District prescribes, showing actual emissions of nitrogen oxides and reactive organic compounds from that source. [District Rule 1160, 5.0] Federally Enforceable Through Title V Permit
5. {4365} Any person building, altering or replacing any operation, article, machine, equipment, or other contrivance, the use of which may cause the issuance of air contaminants or the use of which may eliminate, reduce, or control the issuance of air contaminants, shall first obtain an Authority to Construct (ATC) from the District unless exempted by District Rule 2020 (12/20/07). [District Rule 2010, 3.0 and 4.0; and 2020] Federally Enforceable Through Title V Permit
6. {4366} The permittee must comply with all conditions of the permit including permit revisions originated by the District. All terms and conditions of a permit that are required pursuant to the Clean Air Act (CAA), including provisions to limit potential to emit, are enforceable by the EPA and Citizens under the CAA. Any permit noncompliance constitutes a violation of the CAA and the District Rules and Regulations, and is grounds for enforcement action, for permit termination, revocation, reopening and reissuance, or modification; or for denial of a permit renewal application. [District Rules 2070, 7.0; 2080; and 2520, 9.8.1 and 9.13.1] Federally Enforceable Through Title V Permit
7. {4367} A Permit to Operate or an Authority to Construct shall not be transferred unless a new application is filed with and approved by the District. [District Rule 2031] Federally Enforceable Through Title V Permit
8. {4368} Every application for a permit required under Rule 2010 (12/17/92) shall be filed in a manner and form prescribed by the District. [District Rule 2040] Federally Enforceable Through Title V Permit
9. {4369} The operator shall maintain records of required monitoring that include: 1) the date, place, and time of sampling or measurement; 2) the date(s) analyses were performed; 3) the company or entity that performed the analysis; 4) the analytical techniques or methods used; 5) the results of such analysis; and 6) the operating conditions at the time of sampling or measurement. [District Rule 2520, 9.4.1] Federally Enforceable Through Title V Permit
10. {4370} The operator shall retain records of all required monitoring data and support information for a period of at least 5 years from the date of the monitoring sample, measurement, or report. Support information includes copies of all reports required by the permit and, for continuous monitoring instrumentation, all calibration and maintenance records and all original strip-chart recordings. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate. Any amendments to these Facility-wide Requirements that affect specific Permit Units may constitute modification of those Permit Units.

Facility Name: PRISON INDUSTRY AUTHORITY - AVENAL

Location: 1 KINGS WAY, AVENAL, CA 93204

C-954-0-4 : Jul 20 2023 9:49AM -- MIRANDAM

11. {4371} The operator shall submit reports of any required monitoring at least every six months unless a different frequency is required by an applicable requirement. All instances of deviations from permit requirements must be clearly identified in such reports. [District Rule 2520, 9.5.1] Federally Enforceable Through Title V Permit
12. {4372} Deviations from permit conditions must be promptly reported, including deviations attributable to upset conditions, as defined in the permit. For the purpose of this condition, promptly means as soon as reasonably possible, but no later than 10 days after detection. The report shall include the probable cause of such deviations, and any corrective actions or preventive measures taken. All required reports must be certified by a responsible official consistent with section 10.0 of District Rule 2520 (6/21/01). [District Rules 2520, 9.5.2 and 1100, 7.0] Federally Enforceable Through Title V Permit
13. {4373} If for any reason a permit requirement or condition is being challenged for its constitutionality or validity by a court of competent jurisdiction, the outcome of such challenge shall not affect or invalidate the remainder of the conditions or requirements in that permit. [District Rule 2520, 9.7] Federally Enforceable Through Title V Permit
14. {4374} It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit. [District Rule 2520, 9.8.2] Federally Enforceable Through Title V Permit
15. {4375} The permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition. [District Rule 2520, 9.8.3] Federally Enforceable Through Title V Permit
16. {4376} The permit does not convey any property rights of any sort, or any exclusive privilege. [District Rule 2520, 9.8.4] Federally Enforceable Through Title V Permit
17. {4377} The Permittee shall furnish to the District, within a reasonable time, any information that the District may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the District copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to EPA along with a claim of confidentiality. [District Rule 2520, 9.8.5] Federally Enforceable Through Title V Permit
18. {4378} The permittee shall pay annual permit fees and other applicable fees as prescribed in Regulation III of the District Rules and Regulations. [District Rule 2520, 9.9] Federally Enforceable Through Title V Permit
19. {4379} Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to enter the permittee's premises where a permitted source is located or emissions related activity is conducted, or where records must be kept under condition of the permit. [District Rule 2520, 9.13.2.1] Federally Enforceable Through Title V Permit
20. {4380} Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit. [District Rule 2520, 9.13.2.2] Federally Enforceable Through Title V Permit
21. {4381} Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to inspect at reasonable times any facilities, equipment, practices, or operations regulated or required under the permit. [District Rule 2520, 9.13.2.3] Federally Enforceable Through Title V Permit
22. {4382} Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. [District Rule 2520, 9.13.2.4] Federally Enforceable Through Title V Permit

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE
These terms and conditions are part of the Facility-wide Permit to Operate.

23. {4383} No air contaminants shall be discharged into the atmosphere for a period or periods aggregating more than 3 minutes in any one hour which is as dark or darker than Ringelmann #1 or equivalent to 20% opacity and greater, unless specifically exempted by District Rule 4101 (02/17/05). If the equipment or operation is subject to a more stringent visible emission standard as prescribed in a permit condition, the more stringent visible emission limit shall supersede this condition. [District Rule 4101, and County Rules 401 (in all eight counties in the San Joaquin Valley)] Federally Enforceable Through Title V Permit
24. No person shall manufacture, blend, repackage, supply, market, sell, solicit or apply any architectural coating or colorant with a VOC content in excess of the applicable limits specified in Table 1 (Coatings) and Table 2 (Colorants) of District Rule 4601 (4/16/20), unless exempted under Section 4.0 of District Rule 4601 (4/16/20). [District Rule 4601] Federally Enforceable Through Title V Permit
25. All VOC-containing materials subject to Rule 4601 (4/16/20) shall be stored in closed containers when not in use. [District Rule 4601] Federally Enforceable Through Title V Permit
26. The permittee shall comply with all the Labeling and Test Methods requirements outlined in Rule 4601 sections 6.1 and 6.3 (4/16/20). [District Rule 4601] Federally Enforceable Through Title V Permit
27. {4387} With each report or document submitted under a permit requirement or a request for information by the District or EPA, the permittee shall include a certification of truth, accuracy, and completeness by a responsible official. [District Rule 2520, 9.13.1 and 10.0] Federally Enforceable Through Title V Permit
28. {4388} If the permittee performs maintenance on, or services, repairs, or disposes of appliances, the permittee shall comply with the standards for Recycling and Emissions Reduction pursuant to 40 CFR Part 82, Subpart F. [40 CFR 82 Subpart F] Federally Enforceable Through Title V Permit
29. {4389} If the permittee performs service on motor vehicles when this service involves the ozone-depleting refrigerant in the motor vehicle air conditioner (MVAC), the permittee shall comply with the standards for Servicing of Motor Vehicle Air Conditioners pursuant to all the applicable requirements as specified in 40 CFR Part 82, Subpart B. [40 CFR Part 82, Subpart B] Federally Enforceable Through Title V Permit
30. {4390} Disturbances of soil related to any construction, demolition, excavation, extraction, or other earthmoving activities shall comply with the requirements for fugitive dust control in District Rule 8021 unless specifically exempted under Section 4.0 of Rule 8021 (8/19/2004) or Rule 8011 (8/19/2004). [District Rules 8011 and 8021] Federally Enforceable Through Title V Permit
31. {4391} Outdoor handling, storage and transport of any bulk material which emits dust shall comply with the requirements of District Rule 8031, unless specifically exempted under Section 4.0 of Rule 8031 (8/19/2004) or Rule 8011 (8/19/2004). [District Rules 8011 and 8031] Federally Enforceable Through Title V Permit
32. {4392} An owner/operator shall prevent or cleanup any carryout or trackout in accordance with the requirements of District Rule 8041 Section 5.0, unless specifically exempted under Section 4.0 of Rule 8041 (8/19/2004) or Rule 8011 (8/19/2004). [District Rules 8011 and 8041] Federally Enforceable Through Title V Permit
33. {4393} Whenever open areas are disturbed, or vehicles are used in open areas, the facility shall comply with the requirements of Section 5.0 of District Rule 8051, unless specifically exempted under Section 4.0 of Rule 8051 (8/19/2004) or Rule 8011 (8/19/2004). [District Rules 8011 and 8051] Federally Enforceable Through Title V Permit
34. {4394} Any paved road or unpaved road shall comply with the requirements of District Rule 8061 unless specifically exempted under Section 4.0 of Rule 8061 (8/19/2004) or Rule 8011 (8/19/2004). [District Rules 8011 and 8061] Federally Enforceable Through Title V Permit

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE
These terms and conditions are part of the Facility-wide Permit to Operate.

35. {4395} Any unpaved vehicle/equipment area that anticipates more than 50 Average annual daily Trips (AADT) shall comply with the requirements of Section 5.1.1 of District Rule 8071. Any unpaved vehicle/equipment area that anticipates more than 150 vehicle trips per day (VDT) shall comply with the requirements of Section 5.1.2 of District Rule 8071. On each day that 25 or more VDT with 3 or more axles will occur on an unpaved vehicle/equipment traffic area, the owner/operator shall comply with the requirements of Section 5.1.3 of District Rule 8071. On each day when a special event will result in 1,000 or more vehicles that will travel/park on an unpaved area, the owner/operator shall comply with the requirements of Section 5.1.4 of District Rule 8071. All sources shall comply with the requirements of Section 5.0 of District Rule 8071 unless specifically exempted under Section 4.0 of Rule 8071 (9/16/2004) or Rule 8011 (8/19/2004). [District Rules 8011 and 8071] Federally Enforceable Through Title V Permit
36. {4396} Any owner or operator of a demolition or renovation activity, as defined in 40 CFR 61.141, shall comply with the applicable inspection, notification, removal, and disposal procedures for asbestos containing materials as specified in 40 CFR 61.145 (Standard for Demolition and Renovation). [40 CFR 61 Subpart M] Federally Enforceable Through Title V Permit
37. {4397} The permittee shall submit certifications of compliance with the terms and standards contained in Title V permits, including emission limits, standards and work practices, to the District and the EPA annually (or more frequently as specified in an applicable requirement or as specified by the District). The certification shall include the identification of each permit term or condition, the compliance status, whether compliance was continuous or intermittent, the methods used for determining the compliance status, and any other facts required by the District to determine the compliance status of the source. [District Rule 2520, 9.16] Federally Enforceable Through Title V Permit
38. {4398} The permittee shall submit an application for Title V permit renewal to the District at least six months, but not greater than 18 months, prior to the permit expiration date. [District Rule 2520, 5.2] Federally Enforceable Through Title V Permit
39. {4399} When a term is not defined in a Title V permit condition, the definition in the rule cited as the origin and authority for the condition in a Title V permits shall apply. [District Rule 2520, 9.1.1] Federally Enforceable Through Title V Permit
40. Compliance with permit conditions in the Title V permit shall be deemed in compliance with the following outdated SIP requirements: Rule 401 (Kings) and Rule 202 (Kings). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
41. {4401} Compliance with permit conditions in the Title V permit shall be deemed in compliance with the following applicable requirements: SJVUAPCD Rules 1100, sections 6.1 and 7.0 (12/17/92); 2010, sections 3.0 and 4.0 (12/17/92); 2031 (12/17/92); 2040 (12/17/92); 2070, section 7.0 (12/17/92); 2080 (12/17/92); 4101 (2/17/05); 4601 (12/17/09); 8021 (8/19/2004); 8031 (8/19/2004); 8041 (8/19/2004); 8051 (8/19/2004); 8061 (8/19/2004); and 8071 (9/16/2004). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
42. The reporting periods for the Report of Required Monitoring and the Compliance Certification Report begin April 1 of every year, unless alternative dates are approved by the District Compliance Division. These reports are due within 30 days after the end of the reporting period. [District Rule 2201] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-954-1-10

EXPIRATION DATE: 08/31/2022

EQUIPMENT DESCRIPTION:

WOOD PRODUCTS COATING OPERATION WITH HVLP SPRAY GUN, BINKS MODEL PFF-16-10-T-LH SPRAY PAINT BOOTH WITH EXHAUST FILTERS, AND VERID GUNWASHER MODEL 200-1 (COMMON WITH C-954-2)

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. {1898} 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]
3. All coating shall be conducted in booth with filters in place, fan(s) operating, and doors closed. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Permit units C-954-1 and C-954-2 shall not be operated simultaneously. [District Rules 2201 and 4102] Federally Enforceable Through Title V Permit
5. The combined weekly emissions from equipment operated under permits C-954-1, C-954-2 and C-954-14 shall not exceed either of the following limits: 224 lb-VOC or 9.1 lb-PM10. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The daily emissions from this spray paint booth shall not exceed either of the following limits: 64.0 lb-VOC or 2.6 lb-PM10. [District Rules 2201 and 4102] Federally Enforceable Through Title V Permit
7. Daily VOC emissions of each coating and/or solvent shall be calculated as follows: daily VOC emissions = VOC content (lb/gallon) as applied x usage (gallon/day). Total daily VOC emissions is the sum of VOC emissions from all coatings and/or solvents used. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Daily PM10 emissions of each coating and/or primer applied shall be calculated as follows: daily PM10 emissions of each coating applied = coating density (lb/gallon) x coating solids content (% by weight) x usage (gallons/day) x control efficiency factor. Control efficiency factor is 0.0125 for coating applied inside the booth. Total daily PM10 emissions is the sum of PM10 emissions from all coatings applied. [District Rule 2201] Federally Enforceable Through Title V Permit
9. VOC content of coatings as applied, excluding water and exempt compounds, used for wood product, shall not exceed any of the following limits: clear topcoat 275 g/l (2.3 lb/gallon), filler 275 g/l (2.3 lb/gallon), high-solids stains 240 g/l (2.0 lb/gallon), ink 500 g/l (4.2 lb/gallon), mold-seal coating 750 g/l (6.3 lb/gallon), multi-colored coating 275 g/l (2.3 lb/gallon), pigmented coating 275 g/l (2.3 lb/gallon), sanding sealer 275 g/l (2.3 lb/gallon). [District Rule 4606] Federally Enforceable Through Title V Permit
10. VOC content of materials for wood products, as applied, shall not exceed either of the following limits: low-solids stain 120 g/l (1.0 lb/gallon) or stripper 350 g/l (2.9 lb/gallon). [District Rule 4606] Federally Enforceable Through Title V Permit
11. VOC content of solvents used shall not exceed 25 g/l (0.21 lb/gal). [District Rule 4606] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

12. VOC content of strippable booth coating shall not exceed 450 g/l (3.8 lb/gallon) as applied, excluding water and exempt compounds. [District Rule 4606] Federally Enforceable Through Title V Permit
13. Only HVLP, electrostatic, brush, dip, flow, or roll coating application equipment shall be used, and the application equipment shall be operated in accordance with the manufacturer's recommendations. [District Rule 4606] Federally Enforceable Through Title V Permit
14. If an HVLP spray gun is used, the operator must demonstrate that the spray gun operates between 0.1 and 10 pounds per square inch, gauge, (psig) air atomizing pressure, measured dynamically at the center of the air cap and at the air horns. For a gun permanently labeled HVLP by the manufacturer, a satisfactory demonstration shall either be in the form of manufacturer's published technical information or by a demonstration of the operation of the gun using an air pressure tip gauge from the manufacturer of the gun. For a gun not permanently labeled HVLP by the manufacturer, a satisfactory demonstration shall be based on manufacturer's published technical material and by a demonstration of the operation of the gun using an air pressure tip gauge from the manufacturer of the gun. [District Rule 4606] Federally Enforceable Through Title V Permit
15. The operator shall comply with the following work practice standards: 1) store all VOC-containing coatings, thinners, cleaning materials, and waste materials in closed non-absorbent and non-leaking containers, keeping the containers closed at all times except when specifically in use; 2) close mixing vessels that contain VOC coatings and other materials, except when specifically in use; 3) minimize spills of any VOC-containing materials and clean up spills immediately; and 4) convey VOC-containing materials in closed containers or pipes. [District Rule 4606] Federally Enforceable Through Title V Permit
16. An operator shall store or dispose of fresh or spent solvents, waste solvent cleaning materials such as cloth, paper, etc., coatings, adhesives, catalysts, and thinners in closed, non-absorbent and non-leaking containers. The containers shall remain closed at all times except when depositing or removing the contents of the containers or when the container is empty. [District Rule 4606] Federally Enforceable Through Title V Permit
17. All solvents shall indicate on the solvent container, or on a separate product data sheet or material safety data sheet, the name of the solvent, manufacturer's name, the VOC content (in gm/liter or lb/gallon), and density of the solvent, as supplied. [District Rule 4606] Federally Enforceable Through Title V Permit
18. On a daily basis, the permittee shall calculate and record the following: total daily VOC emissions (lb/day); and total daily PM10 emissions (lb/day). [District Rule 2201] Federally Enforceable Through Title V Permit
19. The permittee shall maintain records on a daily basis and have available at all times the following: a current list of all coatings used that includes the material name and manufacturer, application method, coating type and mix ratio specific to the coating, the VOC Actual for Coatings and VOC Regulatory for Coatings as applied, density and solids content of coatings, and the quantity of each type of coating used; current manufacturer specification sheets, material safety data sheets (MSDS), technical data sheets, or air quality data sheets, which list the VOC Actual for Coatings and VOC Regulatory for Coatings of each ready-to-spray coating; and purchase records identifying the coating type, name. [District Rules 2201 and 4606] Federally Enforceable Through Title V Permit
20. Records shall be retained on-site for a minimum of five years and made available for District inspection upon request. [District Rules 2201 and 4606] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-954-2-10

EXPIRATION DATE: 08/31/2022

EQUIPMENT DESCRIPTION:

WOOD PRODUCTS COATING OPERATION WITH HVLP SPRAY GUN, BINKS MODEL PFF-16-10-T-LH SPRAY PAINT BOOTH WITH EXHAUST FILTERS AND VERID GUNWASHER MODEL 200-1 (COMMON WITH C-954-1) AND LOCATED IN BLDG #290, FURNITURE FACTORY

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. {1898} 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]
3. All coating shall be conducted in booth with filters in place, fan(s) operating, and doors closed. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Permit units C-954-1 and C-954-2 shall not be operated simultaneously. [District Rules 2201 and 4102] Federally Enforceable Through Title V Permit
5. The combined weekly emissions from equipment operated under permits C-954-1, C-954-2 and C-954-14 shall not exceed either of the following limits: 224 lb-VOC or 9.1 lb-PM10. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The daily emissions from this spray paint booth shall not exceed either of the following limits: 64.0 lb-VOC or 2.6 lb-PM10. [District Rules 2201 and 4102] Federally Enforceable Through Title V Permit
7. Daily VOC emissions of each coating and/or solvent shall be calculated as follows: daily VOC emissions = VOC content (lb/gallon) as applied x usage (gallon/day). Total daily VOC emissions is the sum of VOC emissions from all coatings and/or solvents used. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Daily PM10 emissions of each coating and/or primer applied shall be calculated as follows: daily PM10 emissions of each coating applied = coating density (lb/gallon) x coating solids content (% by weight) x usage (gallons/day) x control efficiency factor. Control efficiency factor is 0.0125 for coating applied inside the booth. Total daily PM10 emissions is the sum of PM10 emissions from all coatings applied. [District Rule 2201] Federally Enforceable Through Title V Permit
9. VOC content of coatings as applied, excluding water and exempt compounds, used for wood product, shall not exceed any of the following limits: clear topcoat 275 g/l (2.3 lb/gallon), filler 275 g/l (2.3 lb/gallon), high-solids stains 240 g/l (2.0 lb/gallon), ink 500 g/l (4.2 lb/gallon), mold-seal coating 750 g/l (6.3 lb/gallon), multi-colored coating 275 g/l (2.3 lb/gallon), pigmented coating 275 g/l (2.3 lb/gallon), sanding sealer 275 g/l (2.3 lb/gallon). [District Rule 4606] Federally Enforceable Through Title V Permit
10. VOC content of materials for wood products, as applied, shall not exceed either of the following limits: low-solids stain 120 g/l (1.0 lb/gallon) or stripper 350 g/l (2.9 lb/gallon). [District Rule 4606] Federally Enforceable Through Title V Permit
11. VOC content of solvents used shall not exceed 25 g/l (0.21 lb/gal). [District Rule 4606] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

12. VOC content of strippable booth coating shall not exceed 450 g/l (3.8 lb/gallon) as applied, excluding water and exempt compounds. [District Rule 4606] Federally Enforceable Through Title V Permit
13. Only HVLP, electrostatic, brush, dip, flow, or roll coating application equipment shall be used, and the application equipment shall be operated in accordance with the manufacturer's recommendations. [District Rule 4606] Federally Enforceable Through Title V Permit
14. If an HVLP spray gun is used, the operator must demonstrate that the spray gun operates between 0.1 and 10 pounds per square inch, gauge, (psig) air atomizing pressure, measured dynamically at the center of the air cap and at the air horns. For a gun permanently labeled HVLP by the manufacturer, a satisfactory demonstration shall either be in the form of manufacturer's published technical information or by a demonstration of the operation of the gun using an air pressure tip gauge from the manufacturer of the gun. For a gun not permanently labeled HVLP by the manufacturer, a satisfactory demonstration shall be based on manufacturer's published technical material and by a demonstration of the operation of the gun using an air pressure tip gauge from the manufacturer of the gun. [District Rule 4606] Federally Enforceable Through Title V Permit
15. The operator shall comply with the following work practice standards: 1) store all VOC-containing coatings, thinners, cleaning materials, and waste materials in closed non-absorbent and non-leaking containers, keeping the containers closed at all times except when specifically in use; 2) close mixing vessels that contain VOC coatings and other materials, except when specifically in use; 3) minimize spills of any VOC-containing materials and clean up spills immediately; and 4) convey VOC-containing materials in closed containers or pipes. [District Rule 4606] Federally Enforceable Through Title V Permit
16. An operator shall store or dispose of fresh or spent solvents, waste solvent cleaning materials such as cloth, paper, etc., coatings, adhesives, catalysts, and thinners in closed, non-absorbent and non-leaking containers. The containers shall remain closed at all times except when depositing or removing the contents of the containers or when the container is empty. [District Rule 4606] Federally Enforceable Through Title V Permit
17. All solvents shall indicate on the solvent container, or on a separate product data sheet or material safety data sheet, the name of the solvent, manufacturer's name, the VOC content (in gm/liter or lb/gallon), and density of the solvent, as supplied. [District Rule 4606] Federally Enforceable Through Title V Permit
18. On a daily basis, the permittee shall calculate and record the following: total daily VOC emissions (lb/day); and total daily PM10 emissions (lb/day). [District Rule 2201] Federally Enforceable Through Title V Permit
19. The permittee shall maintain records on a daily basis and have available at all times the following: a current list of all coatings used that includes the material name and manufacturer, application method, coating type and mix ratio specific to the coating, the VOC Actual for Coatings and VOC Regulatory for Coatings as applied, density and solids content of coatings, and the quantity of each type of coating used; current manufacturer specification sheets, material safety data sheets (MSDS), technical data sheets, or air quality data sheets, which list the VOC Actual for Coatings and VOC Regulatory for Coatings of each ready-to-spray coating; and purchase records identifying the coating type, name. [District Rules 2201 and 4606] Federally Enforceable Through Title V Permit
20. Records shall be retained on-site for a minimum of five years and made available for District inspection upon request. [District Rules 2201 and 4606] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley

Air Pollution Control District

PERMIT UNIT: C-954-3-14

EXPIRATION DATE: 08/31/2022

EQUIPMENT DESCRIPTION:

WOOD FURNITURE FACTORY LOCATED IN BLDG #290 WITH WOODWORKING OPERATION CONSISTING OF 4 TABLE SAWS, 2 CHOP SAWS, 1 BAND SAW, 1 PANEL SAW, 1 CNC PANEL SAW, 1 CNC SAW, 5 SANDERS, 2 SHAPERS, 1 CLEANER, 1 PLANER, 2 EDGE BANDERS, 5 CNC ROUTERS, 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 AND A HEATED PANEL EXPRESS GLUE PRESS SYSTEM

PERMIT UNIT REQUIREMENTS

1. 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
2. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
3. 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
4. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
5. 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
6. The amount of sawdust collected shall not exceed 2,160 pounds per day. [District Rule 2201] Federally Enforceable Through Title V Permit
7. The PM10 emissions from the dust collector shall not exceed 1.1 lb/day. [District Rule 2201] Federally Enforceable Through Title V Permit
8. The daily amount of adhesive used shall not exceed 11 gallons/day. [District Rule 2201] Federally Enforceable Through Title V Permit
9. The annual amount of adhesive used shall not exceed 1,100 gallons/year. [District Rule 2201] Federally Enforceable Through Title V Permit
10. The permittee shall only use the following adhesives: Wilson Arts (WA) 3100 Series and Franklin International Titebond Cold Press. [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

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

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. Adhesives shall be applied only utilizing electrostatic application, flow coating, roll coating, dip coating, hand application, airless spray, HVLP spray or other spray application methods that are shown to provide transfer efficiency equivalent to that of HVLP. Air-atomized spray may be utilized for the application of contact adhesives and specialty contact adhesives. [District Rule 4653] Federally Enforceable Through Title V Permit
22. The operator shall store and dispose of adhesive products, sealant products, catalysts, thinners, fresh and spent solvents and waste solvent materials such as cloth, paper, etc. in closed, non-absorbent and non-leaking containers. The containers shall remain closed at all times except when depositing or removing material or when the containers are empty. [District Rule 4653] Federally Enforceable Through Title V Permit
23. Permittee shall record on a daily basis the amount of sawdust collected in pounds. [District Rule 2201] Federally Enforceable Through Title V Permit
24. Permittee shall keep the following records for adhesive activities: manufacturers product data sheet or MSDS of adhesives used and VOC content of adhesives in g/l or lb/gal. [District Rule 2201] Federally Enforceable Through Title V Permit
25. Permittee shall record on a daily basis the quantity and type of adhesive used in gallons. [District Rule 2201] Federally Enforceable Through Title V Permit
26. 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
27. Records of the daily differential operating pressure readings shall be retained on-site. [District Rule 2201] Federally Enforceable Through Title V Permit
28. All 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

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley

Air Pollution Control District

PERMIT UNIT: C-954-4-9

EXPIRATION DATE: 08/31/2022

EQUIPMENT DESCRIPTION:

POWDER COATING OPERATION CONSISTING OF POWDER COATING BOOTH, 1.8 MMBTU/HR DRY-OFF OVEN, 3.3 MMBTU/HR BAKE OVEN, AND 0.34 MMBTU/HR CONTROLLED PYROLYSIS FURNACE WITH INTEGRAL AFTERBURNER FOR PARTS HANGER CLEANING

PERMIT UNIT REQUIREMENTS

1. 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
2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
3. Only PUC-regulated natural gas shall be used as a fuel for the ovens and Controlled Pyrolysis burn-off furnace. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Emissions from the Controlled Pyrolysis burn-off furnace shall not exceed any of the following limits: 0.0271 lb-NOx/hr, 0.050 lb-CO/hr, 0.0174 lb-VOC/hr, 0.0133 lb-PM10/hr, and 0.0018 lb-SOx/hr. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Emissions from the natural gas-fired ovens shall not exceed any of the following limits: 0.10 lb-NOx/MMBtu, 0.084 lb-CO/MMBtu, 0.0076 lb-PM10/MMBtu, 0.0055 lb-VOC/MMBtu, and 0.0006 lb-SOx/MMBtu. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Daily usage of powder coating shall not exceed 600 pounds. [District Rule 2201] Federally Enforceable Through Title V Permit
7. All coating shall be conducted in booth with filters in place and fan(s) operating. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Only electrostatic application equipment shall be used, and the application equipment shall be operated in accordance with the manufacturer's recommendations. [District Rule 2201] Federally Enforceable Through Title V Permit
9. Powder coating material shall not contain VOC. Manufacturer's material safety data sheets may be used to confirm the VOC content of the powder coating. [District Rules 2201 and 4603] Federally Enforceable Through Title V Permit
10. VOC content of solvents used for all solvent cleaning operations shall not exceed 25 g/l (0.21 lb/gal). [District Rule 4603] Federally Enforceable Through Title V Permit
11. An operator shall store or dispose of fresh or spent, solvents, waste solvent cleaning materials such as cloth, paper, etc., coatings, adhesives, catalysts, and thinners in closed, non-absorbent and non-leaking containers. The containers shall remain closed at all times except when depositing or removing the contents of the containers or when the container is empty. [District Rule 4603] Federally Enforceable Through Title V Permit
12. All solvents shall indicate on the solvent container, or on a separate product data sheet or material safety data sheet, the name of the solvent, manufacturer's name, the VOC content (in gm/liter or lb/gallon), and density of the solvent, as supplied. [District Rule 4603] Federally Enforceable Through Title V Permit
13. Permittee shall maintain daily records of number of pounds of powder coating used. [District Rule 1070] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

14. Operator shall maintain copies of fuel invoices. [District Rule 2520] Federally Enforceable Through Title V Permit
15. Visible emissions from the powder coating booth shall be checked annually. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520] Federally Enforceable Through Title V Permit
16. 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 4603] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-954-10-5

EXPIRATION DATE: 08/31/2022

EQUIPMENT DESCRIPTION:

POWDER COATING OPERATION WITH ELECTROSTATIC APPLICATION EQUIPMENT, BOOTH WITH DRY FILTERS AND A 0.75 MMBTU/HR NATURAL GAS-FIRED BATCH CURING OVEN

PERMIT UNIT REQUIREMENTS

1. 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
2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
3. Only PUC-regulated natural gas shall be used as a fuel for the oven. [District Rule 2201] Federally Enforceable Through Title V Permit
4. NOx emissions from the natural gas-fired oven shall not exceed 0.10 lb-NOx/MMBtu. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Daily usage of powder coating shall not exceed 319 pounds. [District Rule 2201] Federally Enforceable Through Title V Permit
6. All coating shall be conducted in booth with filters in place and fan(s) operating. [District Rule 2201] Federally Enforceable Through Title V Permit
7. Only electrostatic application equipment shall be used, and the application equipment shall be operated in accordance with the manufacturer's recommendations. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Powder coating material shall not contain VOC. Manufacturer's material safety data sheets may be used to confirm the VOC content of the powder coating. [District Rules 2201 and 4603] Federally Enforceable Through Title V Permit
9. VOC content of solvents used for all solvent cleaning operations shall not exceed 25 g/l (0.21 lb/gal). [District Rule 4603] Federally Enforceable Through Title V Permit
10. An operator shall store or dispose of fresh or spent, solvents, waste solvent cleaning materials such as cloth, paper, etc., coatings, adhesives, catalysts, and thinners in closed, non-absorbent and non-leaking containers. The containers shall remain closed at all times except when depositing or removing the contents of the containers or when the container is empty. [District Rule 4603] Federally Enforceable Through Title V Permit
11. All solvents shall indicate on the solvent container, or on a separate product data sheet or material safety data sheet, the name of the solvent, manufacturer's name, the VOC content (in gm/liter or lb/gallon), and density of the solvent, as supplied. [District Rule 4603] Federally Enforceable Through Title V Permit
12. Permittee shall maintain daily records of number of pounds of powder coating used. [District Rule 1070] Federally Enforceable Through Title V Permit
13. Operator shall maintain copies of fuel invoices. [District Rule 2520] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

14. Visible emissions from the powder coating booth shall be checked annually. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520] Federally Enforceable Through Title V Permit
15. 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 4603] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley

Air Pollution Control District

PERMIT UNIT: C-954-14-6

EXPIRATION DATE: 08/31/2022

EQUIPMENT DESCRIPTION:

CONVEYORIZED UV COATING LINE CONSISTING OF AN INCLINED UV CURING SYSTEM COATING OPERATION WITH A PAINT SPRAY BOOTH WITH DRY EXHAUST FILTERS, AND WOODWORKING OPERATION INCLUDING: A BELT CONVEYOR, A ROTARY SANDING/DENIBBING MACHINE, A RECIPROCATING SPRAY MACHINE, A PANEL BRUSHING MACHINE, A BELT CONVEYOR FOR HAND SANDING, A BELT CONVEYOR FOR HAND WIPING, A MULTI-LEVEL FLASH-OFF OVEN SYSTEM (ELECTRIC OVEN) EXHAUSTED THROUGH DANTHERM MODEL CS-3-M BAGHOUSE INCLUDING A 40 HP BLOWER AND FILTRATION UNIT, AND A PERMIT EXEMPT BOILER (NATURAL GAS-FIRED, 5 MMBTU/HR OR LESS)

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions from the coating operation shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. Emissions from equipment operated under permits C-954-1, C-954-2 and C-954-14 shall not exceed either of the following limits: 224 lb-VOC/week or 9.1 lb-PM10/week. [District Rule 2201] Federally Enforceable Through Title V Permit
3. Visible emissions from the exhaust of the baghouse 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
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. All coating shall be conducted inside the booth with filters in place, fan(s) operating, and doors closed. [District Rule 2201] Federally Enforceable Through Title V Permit
6. PM10 emissions from the baghouse shall not exceed 0.004 gr/dscf. [District Rules 2201 and 4201] Federally Enforceable Through Title V Permit
7. The emissions from equipment operated under this permit shall not exceed either of the following limits: 46.0 lb-VOC/day or 9.1 lb-PM10/day. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Material removed from the baghouse shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
9. VOC content of coatings as applied, excluding water and exempt compounds, used for wood product, shall not exceed any of the following limits: clear topcoat 275 g/l (2.3 lb/gallon), filler 275 g/l (2.3 lb/gallon), high-solids stains 240 g/l (2.0 lb/gallon), ink 500 g/l (4.2 lb/gallon), mold-seal coating 750 g/l (6.3 lb/gallon), multi-colored coating 275 g/l (2.3 lb/gallon), pigmented coating 275 g/l (2.3 lb/gallon), or sanding sealer 275 g/l (2.3 lb/gallon). [District Rules 2201 and 4606] Federally Enforceable Through Title V Permit
10. VOC content of coatings as applied, used for wood product, shall not exceed either of the following limits: low-solids stain 120 g/l (1.0 lb/gallon) or stripper 350 g/l (2.9 lb/gallon). [District Rules 2201 and 4606] Federally Enforceable Through Title V Permit
11. VOC content of strippable booth coating shall not exceed 450 g/l (3.8 lb/gallon) as applied, excluding water and exempt compounds. [District Rule 4606] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

12. Only HVLP, electrostatic, brush, dip, flow, or roll coating application equipment shall be used, and the application equipment shall be operated in accordance with the manufacturer's recommendations. [District Rules 2201 and 4606] Federally Enforceable Through Title V Permit
13. If an HVLP spray gun is used, the operator must demonstrate that the spray gun operates between 0.1 and 10 pounds per square inch, gauge, (psig) air atomizing pressure, measured dynamically at the center of the air cap and at the air horns. For a gun permanently labeled HVLP by the manufacturer, a satisfactory demonstration shall either be in the form of manufacturer's published technical information or by a demonstration of the operation of the gun using an air pressure tip gauge from the manufacturer of the gun. For a gun not permanently labeled HVLP by the manufacturer, a satisfactory demonstration shall be based on manufacturer's published technical material and by a demonstration of the operation of the gun using an air pressure tip gauge from the manufacturer of the gun. [District Rule 4606] Federally Enforceable Through Title V Permit
14. The operator shall comply with the following work practice standards: 1) store all VOC-containing coatings, thinners, cleaning materials, and waste materials in closed non-absorbent and non-leaking containers, keeping the containers closed at all times except when specifically in use; 2) close mixing vessels that contain VOC coatings and other materials, except when specifically in use; 3) minimize spills of any VOC-containing materials and clean up spills immediately; and 4) convey VOC-containing materials in closed containers or pipes. [District Rule 4606] Federally Enforceable Through Title V Permit
15. VOC content of solvents used shall not exceed 25 g/l (0.21 lb/gal). [District Rule 4606] Federally Enforceable Through Title V Permit
16. Permittee shall not use cleaning material with a VOC content greater than 25 g/l (0.21 lb/gallon) for all solvent cleaning operations unless such cleaning operations are carried out within an APCO-approved emission control system. [District Rule 4606] Federally Enforceable Through Title V Permit
17. An operator shall store or dispose of fresh or spent solvents, waste solvent cleaning materials such as cloth, paper, etc., coatings, adhesives, catalysts, and thinners in closed, non-absorbent and non-leaking containers. The containers shall remain closed at all times except when depositing or removing the contents of the containers or when the container is empty. [District Rule 4606] Federally Enforceable Through Title V Permit
18. Each container or accompanying data sheet of any coating shall display: 1) a statement of the manufacturer's recommendation regarding thinning of the coating, excluding the thinning of coatings with water, and 2) the maximum VOC content of the coating, as applied, and after any thinning as recommended by the manufacturer. VOC content shall be displayed as grams of VOC per liter of coating (less water and exempt compounds). [District Rule 4606] Federally Enforceable Through Title V Permit
19. All solvents shall indicate on the solvent container, or on a separate product data sheet or material safety data sheet, the name of the solvent, manufacturer's name, the VOC content (in gm/liter or lb/gallon), and density of the solvent, as supplied. [District Rule 4606] Federally Enforceable Through Title V Permit
20. The baghouse shall be maintained and operated according to manufacturer's specifications. [District Rule 2201] Federally Enforceable Through Title V Permit
21. The cleaning frequency and duration for the baghouse shall be adjusted to optimize the control efficiency. [District Rule 2201] Federally Enforceable Through Title V Permit
22. 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
23. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the filters. 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
24. The baghouse shall operate at all times with a minimum differential pressure of 0.5 inches water column and a maximum differential pressure of 4.0 inches water column [District Rule 2201] Federally Enforceable Through Title V Permit

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

25. Records of all maintenance of the baghouse, including all change outs of filter media, shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
26. The permittee shall maintain a current file of coatings, inks, adhesives, and solvents in use and in storage. The file shall include material safety data sheet (MSDS) or product data sheet showing the material name, manufacturer's name, VOC content as applied, and mix ratio of components. [District Rule 4606] Federally Enforceable Through Title V Permit
27. Permittee shall maintain daily records of the following: application method, substrate coating applied to, quantity and type of coatings and solvents used, mix ratios (by volume) of components added to each coating, volume of coatings applied, VOC content of each coating as applied, and VOC content of each solvent or stripper. [District Rules 2201 and 4606] Federally Enforceable Through Title V Permit
28. On a daily basis, the permittee shall calculate and record the daily VOC and PM10 emissions, in pounds, for each coating applied. [District Rule 2201] Federally Enforceable Through Title V Permit
29. Daily PM10 emissions of each coating applied shall be calculated as follows: $\text{daily PM10 emissions} = \text{coating density (lb/gallon)} \times \text{coating solids content (\%)} \times \text{usage (gallons/day)} \times 0.05 \times (1 - \text{Transfer Efficiency})$. The transfer efficiency is equal to: 0.75 for HVLP gun, and 1.0 for manual application (brush or roll). Total daily PM10 emissions is the sum of PM10 emissions from all coatings applied. [District Rule 2201] Federally Enforceable Through Title V Permit
30. Daily VOC emissions of each coating and/or solvent shall be calculated as follows: $\text{daily VOC emissions} = \text{VOC content (lb/gallon)} \times \text{usage (gallon/day)}$. Total daily VOC emissions is the sum of VOC emissions from all coatings and/or solvents used. [District Rule 2201] Federally Enforceable Through Title V Permit
31. Differential operating pressure for the baghouse shall be monitored and recorded on each day that the baghouse operates. [District Rule 2201] Federally Enforceable Through Title V Permit
32. Permittee shall keep the following records for solvent cleaning activities: manufacturer's product data sheet or MSDS of solvents used, VOC content of solvents in g/l or lb/gal, and the type of cleaning activity for which each solvent is used. [District Rule 4606] Federally Enforceable Through Title V Permit
33. Permittee shall maintain daily records of quantity (gallons), density, and solids content of coating applied. Permittee shall also maintain daily records of VOC content as applied (lb/gal) of each coating used, quantity (gallons) of each coating used, and calculated daily VOC emissions. [District Rule 2201] Federally Enforceable Through Title V Permit
34. Records shall be retained on-site for a minimum of five years and made available for District inspection upon request. [District Rules 2201 and 4606] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

ATTACHMENT B

Previous Title V Operating Permit

San Joaquin Valley

Air Pollution Control District

FACILITY: C-954-0-3

EXPIRATION DATE: 08/31/2022

FACILITY-WIDE REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. The owner or operator shall notify the District of any breakdown condition as soon as reasonably possible, but no later than one hour after its detection, unless the owner or operator demonstrates to the District's satisfaction that the longer reporting period was necessary. [District Rule 1100, 6.1; County Rules 110 (Fresno, Stanislaus, San Joaquin); 109 (Merced); 113 (Madera); and 111 (Kern, Tulare, Kings)] Federally Enforceable Through Title V Permit
3. The District shall be notified in writing within ten days following the correction of any breakdown condition. The breakdown notification shall include a description of the equipment malfunction or failure, the date and cause of the initial failure, the estimated emissions in excess of those allowed, and the methods utilized to restore normal operations. [District Rule 1100, 7.0; County Rules 110 (Fresno, Stanislaus, San Joaquin); 109 (Merced); 113 (Madera); and 111 (Kern, Tulare, Kings)] Federally Enforceable Through Title V Permit
4. The owner or operator of any stationary source operation that emits more than 25 tons per year of nitrogen oxides or reactive organic compounds, shall provide the District annually with a written statement in such form and at such time as the District prescribes, showing actual emissions of nitrogen oxides and reactive organic compounds from that source. [District Rule 1160, 5.0] Federally Enforceable Through Title V Permit
5. Any person building, altering or replacing any operation, article, machine, equipment, or other contrivance, the use of which may cause the issuance of air contaminants or the use of which may eliminate, reduce, or control the issuance of air contaminants, shall first obtain an Authority to Construct (ATC) from the District unless exempted by District Rule 2020 (12/20/07). [District Rule 2010, 3.0 and 4.0; and 2020] Federally Enforceable Through Title V Permit
6. The permittee must comply with all conditions of the permit including permit revisions originated by the District. All terms and conditions of a permit that are required pursuant to the Clean Air Act (CAA), including provisions to limit potential to emit, are enforceable by the EPA and Citizens under the CAA. Any permit noncompliance constitutes a violation of the CAA and the District Rules and Regulations, and is grounds for enforcement action, for permit termination, revocation, reopening and reissuance, or modification; or for denial of a permit renewal application. [District Rules 2070, 7.0; 2080; and 2520, 9.8.1 and 9.13.1] Federally Enforceable Through Title V Permit
7. A Permit to Operate or an Authority to Construct shall not be transferred unless a new application is filed with and approved by the District. [District Rule 2031] Federally Enforceable Through Title V Permit
8. Every application for a permit required under Rule 2010 (12/17/92) shall be filed in a manner and form prescribed by the District. [District Rule 2040] Federally Enforceable Through Title V Permit
9. The operator shall maintain records of required monitoring that include: 1) the date, place, and time of sampling or measurement; 2) the date(s) analyses were performed; 3) the company or entity that performed the analysis; 4) the analytical techniques or methods used; 5) the results of such analysis; and 6) the operating conditions at the time of sampling or measurement. [District Rule 2520, 9.4.1] Federally Enforceable Through Title V Permit
10. The operator shall retain records of all required monitoring data and support information for a period of at least 5 years from the date of the monitoring sample, measurement, or report. Support information includes copies of all reports required by the permit and, for continuous monitoring instrumentation, all calibration and maintenance records and all original strip-chart recordings. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate. Any amendments to these Facility-wide Requirements that affect specific Permit Units may constitute modification of those Permit Units.

Facility Name: PRISON INDUSTRY AUTHORITY - AVENAL

Location: 1 KINGS WAY, AVENAL, CA 93204

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11. The operator shall submit reports of any required monitoring at least every six months unless a different frequency is required by an applicable requirement. All instances of deviations from permit requirements must be clearly identified in such reports. [District Rule 2520, 9.5.1] Federally Enforceable Through Title V Permit
12. Deviations from permit conditions must be promptly reported, including deviations attributable to upset conditions, as defined in the permit. For the purpose of this condition, promptly means as soon as reasonably possible, but no later than 10 days after detection. The report shall include the probable cause of such deviations, and any corrective actions or preventive measures taken. All required reports must be certified by a responsible official consistent with section 10.0 of District Rule 2520 (6/21/01). [District Rules 2520, 9.5.2 and 1100, 7.0] Federally Enforceable Through Title V Permit
13. If for any reason a permit requirement or condition is being challenged for its constitutionality or validity by a court of competent jurisdiction, the outcome of such challenge shall not affect or invalidate the remainder of the conditions or requirements in that permit. [District Rule 2520, 9.7] Federally Enforceable Through Title V Permit
14. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit. [District Rule 2520, 9.8.2] Federally Enforceable Through Title V Permit
15. The permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition. [District Rule 2520, 9.8.3] Federally Enforceable Through Title V Permit
16. The permit does not convey any property rights of any sort, or any exclusive privilege. [District Rule 2520, 9.8.4] Federally Enforceable Through Title V Permit
17. The Permittee shall furnish to the District, within a reasonable time, any information that the District may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the District copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to EPA along with a claim of confidentiality. [District Rule 2520, 9.8.5] Federally Enforceable Through Title V Permit
18. The permittee shall pay annual permit fees and other applicable fees as prescribed in Regulation III of the District Rules and Regulations. [District Rule 2520, 9.9] Federally Enforceable Through Title V Permit
19. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to enter the permittee's premises where a permitted source is located or emissions related activity is conducted, or where records must be kept under condition of the permit. [District Rule 2520, 9.13.2.1] Federally Enforceable Through Title V Permit
20. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit. [District Rule 2520, 9.13.2.2] Federally Enforceable Through Title V Permit
21. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to inspect at reasonable times any facilities, equipment, practices, or operations regulated or required under the permit. [District Rule 2520, 9.13.2.3] Federally Enforceable Through Title V Permit
22. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. [District Rule 2520, 9.13.2.4] Federally Enforceable Through Title V Permit
23. No air contaminants shall be discharged into the atmosphere for a period or periods aggregating more than 3 minutes in any one hour which is as dark or darker than Ringelmann #1 or equivalent to 20% opacity and greater, unless specifically exempted by District Rule 4101 (02/17/05). If the equipment or operation is subject to a more stringent visible emission standard as prescribed in a permit condition, the more stringent visible emission limit shall supersede this condition. [District Rule 4101, and County Rules 401 (in all eight counties in the San Joaquin Valley)] Federally Enforceable Through Title V Permit

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

24. No person shall manufacture, blend, repackage, supply, sell, solicit or apply any architectural coating with a VOC content in excess of the corresponding limit specified in Table of Standards 1 effective until 12/30/10 or Table of Standards 2 effective on and after 1/1/11 of District Rule 4601 (12/17/09) for use or sale within the District. [District Rule 4601, 5.1] Federally Enforceable Through Title V Permit
25. All VOC-containing materials subject to Rule 4601 (12/17/09) shall be stored in closed containers when not in use. [District Rule 4601, 5.4] Federally Enforceable Through Title V Permit
26. The permittee shall comply with all the Labeling and Test Methods requirements outlined in Rule 4601 sections 6.1 and 6.3 (12/17/09). [District Rule 4601, 6.1 and 6.3] Federally Enforceable Through Title V Permit
27. With each report or document submitted under a permit requirement or a request for information by the District or EPA, the permittee shall include a certification of truth, accuracy, and completeness by a responsible official. [District Rule 2520, 9.13.1 and 10.0] Federally Enforceable Through Title V Permit
28. If the permittee performs maintenance on, or services, repairs, or disposes of appliances, the permittee shall comply with the standards for Recycling and Emissions Reduction pursuant to 40 CFR Part 82, Subpart F. [40 CFR 82 Subpart F] Federally Enforceable Through Title V Permit
29. If the permittee performs service on motor vehicles when this service involves the ozone-depleting refrigerant in the motor vehicle air conditioner (MVAC), the permittee shall comply with the standards for Servicing of Motor Vehicle Air Conditioners pursuant to all the applicable requirements as specified in 40 CFR Part 82, Subpart B. [40 CFR Part 82, Subpart B] Federally Enforceable Through Title V Permit
30. Disturbances of soil related to any construction, demolition, excavation, extraction, or other earthmoving activities shall comply with the requirements for fugitive dust control in District Rule 8021 unless specifically exempted under Section 4.0 of Rule 8021 (8/19/2004) or Rule 8011 (8/19/2004). [District Rules 8011 and 8021] Federally Enforceable Through Title V Permit
31. Outdoor handling, storage and transport of any bulk material which emits dust shall comply with the requirements of District Rule 8031, unless specifically exempted under Section 4.0 of Rule 8031 (8/19/2004) or Rule 8011 (8/19/2004). [District Rules 8011 and 8031] Federally Enforceable Through Title V Permit
32. An owner/operator shall prevent or cleanup any carryout or trackout in accordance with the requirements of District Rule 8041 Section 5.0, unless specifically exempted under Section 4.0 of Rule 8041 (8/19/2004) or Rule 8011 (8/19/2004). [District Rules 8011 and 8041] Federally Enforceable Through Title V Permit
33. Whenever open areas are disturbed, or vehicles are used in open areas, the facility shall comply with the requirements of Section 5.0 of District Rule 8051, unless specifically exempted under Section 4.0 of Rule 8051 (8/19/2004) or Rule 8011 (8/19/2004). [District Rules 8011 and 8051] Federally Enforceable Through Title V Permit
34. Any paved road or unpaved road shall comply with the requirements of District Rule 8061 unless specifically exempted under Section 4.0 of Rule 8061 (8/19/2004) or Rule 8011 (8/19/2004). [District Rules 8011 and 8061] Federally Enforceable Through Title V Permit
35. Any unpaved vehicle/equipment area that anticipates more than 50 Average annual daily Trips (AADT) shall comply with the requirements of Section 5.1.1 of District Rule 8071. Any unpaved vehicle/equipment area that anticipates more than 150 vehicle trips per day (VDT) shall comply with the requirements of Section 5.1.2 of District Rule 8071. On each day that 25 or more VDT with 3 or more axles will occur on an unpaved vehicle/equipment traffic area, the owner/operator shall comply with the requirements of Section 5.1.3 of District Rule 8071. On each day when a special event will result in 1,000 or more vehicles that will travel/park on an unpaved area, the owner/operator shall comply with the requirements of Section 5.1.4 of District Rule 8071. All sources shall comply with the requirements of Section 5.0 of District Rule 8071 unless specifically exempted under Section 4.0 of Rule 8071 (9/16/2004) or Rule 8011 (8/19/2004). [District Rules 8011 and 8071] Federally Enforceable Through Title V Permit
36. Any owner or operator of a demolition or renovation activity, as defined in 40 CFR 61.141, shall comply with the applicable inspection, notification, removal, and disposal procedures for asbestos containing materials as specified in 40 CFR 61.145 (Standard for Demolition and Renovation). [40 CFR 61 Subpart M] Federally Enforceable Through Title V Permit

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE
These terms and conditions are part of the Facility-wide Permit to Operate.

37. The permittee shall submit certifications of compliance with the terms and standards contained in Title V permits, including emission limits, standards and work practices, to the District and the EPA annually (or more frequently as specified in an applicable requirement or as specified by the District). The certification shall include the identification of each permit term or condition, the compliance status, whether compliance was continuous or intermittent, the methods used for determining the compliance status, and any other facts required by the District to determine the compliance status of the source. [District Rule 2520, 9.16] Federally Enforceable Through Title V Permit
38. The permittee shall submit an application for Title V permit renewal to the District at least six months, but not greater than 18 months, prior to the permit expiration date. [District Rule 2520, 5.2] Federally Enforceable Through Title V Permit
39. When a term is not defined in a Title V permit condition, the definition in the rule cited as the origin and authority for the condition in a Title V permits shall apply. [District Rule 2520, 9.1.1] Federally Enforceable Through Title V Permit
40. Compliance with permit conditions in the Title V permit shall be deemed in compliance with the following outdated SIP requirements: Rule 401 (Madera, Fresno, Kern, Kings, San Joaquin, Stanislaus, Tulare and Merced), Rule 110 (Fresno, Stanislaus, San Joaquin), Rule 109 (Merced), Rule 113 (Madera), Rule 111 (Kern, Tulare, Kings), and Rule 202 (Fresno, Kern, Tulare, Kings, Madera, Stanislaus, Merced, San Joaquin). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
41. Compliance with permit conditions in the Title V permit shall be deemed in compliance with the following applicable requirements: SJVUAPCD Rules 1100, sections 6.1 and 7.0 (12/17/92); 2010, sections 3.0 and 4.0 (12/17/92); 2031 (12/17/92); 2040 (12/17/92); 2070, section 7.0 (12/17/92); 2080 (12/17/92); 4101 (2/17/05); 4601 (12/17/09); 8021 (8/19/2004); 8031 (8/19/2004); 8041 (8/19/2004); 8051 (8/19/2004); 8061 (8/19/2004); and 8071 (9/16/2004). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
42. The reporting periods for the Report of Required Monitoring and the Compliance Certification Report begin April 1 of every year, unless alternative dates are approved by the District Compliance Division. These reports are due within 30 days after the end of the reporting period. [District Rule 2201] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley

Air Pollution Control District

PERMIT UNIT: C-954-1-9

EXPIRATION DATE: 08/31/2022

EQUIPMENT DESCRIPTION:

WOOD PRODUCTS COATING OPERATION WITH HVLP SPRAY GUN, BINKS MODEL PFF-16-10-T-LH SPRAY PAINT BOOTH WITH EXHAUST FILTERS, AND VERID GUNWASHER MODEL 200-1 (COMMON WITH C-954-2)

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. 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]
3. All coating shall be conducted in booth with filters in place, fan(s) operating, and doors closed. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Permit units C-954-1 and C-954-2 shall not be operated simultaneously. [District Rules 2201 and 4102] Federally Enforceable Through Title V Permit
5. The combined weekly emissions from equipment operated under permits C-954-1, C-954-2 and C-954-14 shall not exceed either of the following limits: 224 lb-VOC or 9.1 lb-PM10. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The daily emissions from this spray paint booth shall not exceed either of the following limits: 64.0 lb-VOC or 2.6 lb-PM10. [District Rules 2201 and 4102] Federally Enforceable Through Title V Permit
7. Daily VOC emissions of each coating and/or solvent shall be calculated as follows: daily VOC emissions = VOC content (lb/gallon) as applied x usage (gallon/day). Total daily VOC emissions is the sum of VOC emissions from all coatings and/or solvents used. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Daily PM10 emissions of each coating and/or primer applied shall be calculated as follows: daily PM10 emissions of each coating applied = coating density (lb/gallon) x coating solids content (% by weight) x usage (gallons/day) x control efficiency factor. Control efficiency factor is 0.0125 for coating applied inside the booth. Total daily PM10 emissions is the sum of PM10 emissions from all coatings applied. [District Rule 2201] Federally Enforceable Through Title V Permit
9. VOC content of coatings as applied, excluding water and exempt compounds, used for wood product, shall not exceed any of the following limits: clear topcoat 275 g/l (2.3 lb/gallon), filler 275 g/l (2.3 lb/gallon), high-solids stains 240 g/l (2.0 lb/gallon), ink 500 g/l (4.2 lb/gallon), mold-seal coating 750 g/l (6.3 lb/gallon), multi-colored coating 275 g/l (2.3 lb/gallon), pigmented coating 275 g/l (2.3 lb/gallon), sanding sealer 275 g/l (2.3 lb/gallon). [District Rule 4606] Federally Enforceable Through Title V Permit
10. VOC content of materials for wood products, as applied, shall not exceed either of the following limits: low-solids stain 120 g/l (1.0 lb/gallon) or stripper 350 g/l (2.9 lb/gallon). [District Rule 4606] Federally Enforceable Through Title V Permit
11. VOC content of solvents used shall not exceed 25 g/l (0.21 lb/gal). [District Rule 4606] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

12. VOC content of strippable booth coating shall not exceed 450 g/l (3.8 lb/gallon) as applied, excluding water and exempt compounds. [District Rule 4606] Federally Enforceable Through Title V Permit
13. Only HVLP, electrostatic, brush, dip, flow, or roll coating application equipment shall be used, and the application equipment shall be operated in accordance with the manufacturer's recommendations. [District Rule 4606] Federally Enforceable Through Title V Permit
14. If an HVLP spray gun is used, the operator must demonstrate that the spray gun operates between 0.1 and 10 pounds per square inch, gauge, (psig) air atomizing pressure, measured dynamically at the center of the air cap and at the air horns. For a gun permanently labeled HVLP by the manufacturer, a satisfactory demonstration shall either be in the form of manufacturer's published technical information or by a demonstration of the operation of the gun using an air pressure tip gauge from the manufacturer of the gun. For a gun not permanently labeled HVLP by the manufacturer, a satisfactory demonstration shall be based on manufacturer's published technical material and by a demonstration of the operation of the gun using an air pressure tip gauge from the manufacturer of the gun. [District Rule 4606] Federally Enforceable Through Title V Permit
15. The operator shall comply with the following work practice standards: 1) store all VOC-containing coatings, thinners, cleaning materials, and waste materials in closed non-absorbent and non-leaking containers, keeping the containers closed at all times except when specifically in use; 2) close mixing vessels that contain VOC coatings and other materials, except when specifically in use; 3) minimize spills of any VOC-containing materials and clean up spills immediately; and 4) convey VOC-containing materials in closed containers or pipes. [District Rule 4606] Federally Enforceable Through Title V Permit
16. An operator shall store or dispose of fresh or spent solvents, waste solvent cleaning materials such as cloth, paper, etc., coatings, adhesives, catalysts, and thinners in closed, non-absorbent and non-leaking containers. The containers shall remain closed at all times except when depositing or removing the contents of the containers or when the container is empty. [District Rule 4606] Federally Enforceable Through Title V Permit
17. All solvents shall indicate on the solvent container, or on a separate product data sheet or material safety data sheet, the name of the solvent, manufacturer's name, the VOC content (in gm/liter or lb/gallon), and density of the solvent, as supplied. [District Rule 4606] Federally Enforceable Through Title V Permit
18. On a daily basis, the permittee shall calculate and record the following: total daily VOC emissions (lb/day); and total daily PM10 emissions (lb/day). [District Rule 2201] Federally Enforceable Through Title V Permit
19. The permittee shall maintain records on a daily basis and have available at all times the following: a current list of all coatings used that includes the material name and manufacturer, application method, coating type and mix ratio specific to the coating, the VOC Actual for Coatings and VOC Regulatory for Coatings as applied, density and solids content of coatings, and the quantity of each type of coating used; current manufacturer specification sheets, material safety data sheets (MSDS), technical data sheets, or air quality data sheets, which list the VOC Actual for Coatings and VOC Regulatory for Coatings of each ready-to-spray coating; and purchase records identifying the coating type, name. [District Rules 2201 and 4606] Federally Enforceable Through Title V Permit
20. Records shall be retained on-site for a minimum of five years and made available for District inspection upon request. [District Rules 2201 and 4606] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley

Air Pollution Control District

PERMIT UNIT: C-954-2-9

EXPIRATION DATE: 08/31/2022

EQUIPMENT DESCRIPTION:

WOOD PRODUCTS COATING OPERATION WITH HVLP SPRAY GUN, BINKS MODEL PFF-16-10-T-LH SPRAY PAINT BOOTH WITH EXHAUST FILTERS AND VERID GUNWASHER MODEL 200-1 (COMMON WITH C-954-1) AND LOCATED IN BLDG #290, FURNITURE FACTORY

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. 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]
3. All coating shall be conducted in booth with filters in place, fan(s) operating, and doors closed. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Permit units C-954-1 and C-954-2 shall not be operated simultaneously. [District Rules 2201 and 4102] Federally Enforceable Through Title V Permit
5. The combined weekly emissions from equipment operated under permits C-954-1, C-954-2 and C-954-14 shall not exceed either of the following limits: 224 lb-VOC or 9.1 lb-PM10. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The daily emissions from this spray paint booth shall not exceed either of the following limits: 64.0 lb-VOC or 2.6 lb-PM10. [District Rules 2201 and 4102] Federally Enforceable Through Title V Permit
7. Daily VOC emissions of each coating and/or solvent shall be calculated as follows: daily VOC emissions = VOC content (lb/gallon) as applied x usage (gallon/day). Total daily VOC emissions is the sum of VOC emissions from all coatings and/or solvents used. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Daily PM10 emissions of each coating and/or primer applied shall be calculated as follows: daily PM10 emissions of each coating applied = coating density (lb/gallon) x coating solids content (% by weight) x usage (gallons/day) x control efficiency factor. Control efficiency factor is 0.0125 for coating applied inside the booth. Total daily PM10 emissions is the sum of PM10 emissions from all coatings applied. [District Rule 2201] Federally Enforceable Through Title V Permit
9. VOC content of coatings as applied, excluding water and exempt compounds, used for wood product, shall not exceed any of the following limits: clear topcoat 275 g/l (2.3 lb/gallon), filler 275 g/l (2.3 lb/gallon), high-solids stains 240 g/l (2.0 lb/gallon), ink 500 g/l (4.2 lb/gallon), mold-seal coating 750 g/l (6.3 lb/gallon), multi-colored coating 275 g/l (2.3 lb/gallon), pigmented coating 275 g/l (2.3 lb/gallon), sanding sealer 275 g/l (2.3 lb/gallon). [District Rule 4606] Federally Enforceable Through Title V Permit
10. VOC content of materials for wood products, as applied, shall not exceed either of the following limits: low-solids stain 120 g/l (1.0 lb/gallon) or stripper 350 g/l (2.9 lb/gallon). [District Rule 4606] Federally Enforceable Through Title V Permit
11. VOC content of solvents used shall not exceed 25 g/l (0.21 lb/gal). [District Rule 4606] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

12. VOC content of strippable booth coating shall not exceed 450 g/l (3.8 lb/gallon) as applied, excluding water and exempt compounds. [District Rule 4606] Federally Enforceable Through Title V Permit
13. Only HVLP, electrostatic, brush, dip, flow, or roll coating application equipment shall be used, and the application equipment shall be operated in accordance with the manufacturer's recommendations. [District Rule 4606] Federally Enforceable Through Title V Permit
14. If an HVLP spray gun is used, the operator must demonstrate that the spray gun operates between 0.1 and 10 pounds per square inch, gauge, (psig) air atomizing pressure, measured dynamically at the center of the air cap and at the air horns. For a gun permanently labeled HVLP by the manufacturer, a satisfactory demonstration shall either be in the form of manufacturer's published technical information or by a demonstration of the operation of the gun using an air pressure tip gauge from the manufacturer of the gun. For a gun not permanently labeled HVLP by the manufacturer, a satisfactory demonstration shall be based on manufacturer's published technical material and by a demonstration of the operation of the gun using an air pressure tip gauge from the manufacturer of the gun. [District Rule 4606] Federally Enforceable Through Title V Permit
15. The operator shall comply with the following work practice standards: 1) store all VOC-containing coatings, thinners, cleaning materials, and waste materials in closed non-absorbent and non-leaking containers, keeping the containers closed at all times except when specifically in use; 2) close mixing vessels that contain VOC coatings and other materials, except when specifically in use; 3) minimize spills of any VOC-containing materials and clean up spills immediately; and 4) convey VOC-containing materials in closed containers or pipes. [District Rule 4606] Federally Enforceable Through Title V Permit
16. An operator shall store or dispose of fresh or spent solvents, waste solvent cleaning materials such as cloth, paper, etc., coatings, adhesives, catalysts, and thinners in closed, non-absorbent and non-leaking containers. The containers shall remain closed at all times except when depositing or removing the contents of the containers or when the container is empty. [District Rule 4606] Federally Enforceable Through Title V Permit
17. All solvents shall indicate on the solvent container, or on a separate product data sheet or material safety data sheet, the name of the solvent, manufacturer's name, the VOC content (in gm/liter or lb/gallon), and density of the solvent, as supplied. [District Rule 4606] Federally Enforceable Through Title V Permit
18. On a daily basis, the permittee shall calculate and record the following: total daily VOC emissions (lb/day); and total daily PM10 emissions (lb/day). [District Rule 2201] Federally Enforceable Through Title V Permit
19. The permittee shall maintain records on a daily basis and have available at all times the following: a current list of all coatings used that includes the material name and manufacturer, application method, coating type and mix ratio specific to the coating, the VOC Actual for Coatings and VOC Regulatory for Coatings as applied, density and solids content of coatings, and the quantity of each type of coating used; current manufacturer specification sheets, material safety data sheets (MSDS), technical data sheets, or air quality data sheets, which list the VOC Actual for Coatings and VOC Regulatory for Coatings of each ready-to-spray coating; and purchase records identifying the coating type, name. [District Rules 2201 and 4606] Federally Enforceable Through Title V Permit
20. Records shall be retained on-site for a minimum of five years and made available for District inspection upon request. [District Rules 2201 and 4606] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley

Air Pollution Control District

PERMIT UNIT: C-954-3-11

EXPIRATION DATE: 08/31/2022

EQUIPMENT DESCRIPTION:

WOOD FURNITURE FACTORY LOCATED IN BLDG #290 WITH WOODWORKING OPERATION CONSISTING OF 4 TABLE SAWS, 2 CHOP SAWS, 1 BAND SAW, 1 PANEL SAW, 1 CNC PANEL SAW, 1 CNC SAW, 5 SANDERS, 2 SHAPERS, 1 CLEANER, 1 PLANER, 2 EDGE BANDERS, 5 CNC ROUTERS, 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 AND A HEATED PANEL EXPRESS GLUE PRESS SYSTEM

PERMIT UNIT REQUIREMENTS

1. 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
2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
3. 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
4. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
5. 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
6. The amount of sawdust collected shall not exceed 2,160 pounds per day. [District Rule 2201] Federally Enforceable Through Title V Permit
7. The PM10 emissions from the dust collector shall not exceed 1.1 lb/day. [District Rule 2201] Federally Enforceable Through Title V Permit
8. The daily amount of adhesive used shall not exceed 11 gallons/day. [District Rule 2201] Federally Enforceable Through Title V Permit
9. The annual amount of adhesive used shall not exceed 1,100 gallons/year. [District Rule 2201] Federally Enforceable Through Title V Permit
10. The permittee shall only use the following adhesives: Wilson Arts (WA) 3100 Series and Franklin International Titebond Cold Press. [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

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

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. Adhesives shall be applied only utilizing electrostatic application, flow coating, roll coating, dip coating, hand application, airless spray, HVLP spray or other spray application methods that are shown to provide transfer efficiency equivalent to that of HVLP. Air-atomized spray may be utilized for the application of contact adhesives and specialty contact adhesives. [District Rule 4653] Federally Enforceable Through Title V Permit
22. The operator shall store and dispose of adhesive products, sealant products, catalysts, thinners, fresh and spent solvents and waste solvent materials such as cloth, paper, etc. in closed, non-absorbent and non-leaking containers. The containers shall remain closed at all times except when depositing or removing material or when the containers are empty. [District Rule 4653] Federally Enforceable Through Title V Permit
23. Permittee shall record on a daily basis the amount of sawdust collected in pounds. [District Rule 2201] Federally Enforceable Through Title V Permit
24. Permittee shall keep the following records for adhesive activities: manufacturers product data sheet or MSDS of adhesives used and VOC content of adhesives in g/l or lb/gal. [District Rule 2201] Federally Enforceable Through Title V Permit
25. Permittee shall record on a daily basis the quantity and type of adhesive used in gallons. [District Rule 2201] Federally Enforceable Through Title V Permit
26. 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
27. Records of the daily differential operating pressure readings shall be retained on-site. [District Rule 2201] Federally Enforceable Through Title V Permit
28. All 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

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley

Air Pollution Control District

PERMIT UNIT: C-954-4-8

EXPIRATION DATE: 08/31/2022

EQUIPMENT DESCRIPTION:

POWDER COATING OPERATION CONSISTING OF POWDER COATING BOOTH, 1.8 MMBTU/HR DRY-OFF OVEN, 3.3 MMBTU/HR BAKE OVEN, AND 0.34 MMBTU/HR CONTROLLED PYROLYSIS FURNACE WITH INTEGRAL AFTERBURNER FOR PARTS HANGER CLEANING

PERMIT UNIT REQUIREMENTS

1. 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
2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
3. Only PUC-regulated natural gas shall be used as a fuel for the ovens and Controlled Pyrolysis burn-off furnace. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Emissions from the Controlled Pyrolysis burn-off furnace shall not exceed any of the following limits: 0.0271 lb-NOx/hr, 0.050 lb-CO/hr, 0.0174 lb-VOC/hr, 0.0133 lb-PM10/hr, and 0.0018 lb-SOx/hr. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Emissions from the natural gas-fired ovens shall not exceed any of the following limits: 0.10 lb-NOx/MMBtu, 0.084 lb-CO/MMBtu, 0.0076 lb-PM10/MMBtu, 0.0055 lb-VOC/MMBtu, and 0.0006 lb-SOx/MMBtu. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Daily usage of powder coating shall not exceed 600 pounds. [District Rule 2201] Federally Enforceable Through Title V Permit
7. All coating shall be conducted in booth with filters in place and fan(s) operating. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Only electrostatic application equipment shall be used, and the application equipment shall be operated in accordance with the manufacturer's recommendations. [District Rule 2201] Federally Enforceable Through Title V Permit
9. Powder coating material shall not contain VOC. Manufacturer's material safety data sheets may be used to confirm the VOC content of the powder coating. [District Rules 2201 and 4603] Federally Enforceable Through Title V Permit
10. VOC content of solvents used for all solvent cleaning operations shall not exceed 25 g/l (0.21 lb/gal). [District Rule 4603] Federally Enforceable Through Title V Permit
11. An operator shall store or dispose of fresh or spent, solvents, waste solvent cleaning materials such as cloth, paper, etc., coatings, adhesives, catalysts, and thinners in closed, non-absorbent and non-leaking containers. The containers shall remain closed at all times except when depositing or removing the contents of the containers or when the container is empty. [District Rule 4603] Federally Enforceable Through Title V Permit
12. All solvents shall indicate on the solvent container, or on a separate product data sheet or material safety data sheet, the name of the solvent, manufacturer's name, the VOC content (in gm/liter or lb/gallon), and density of the solvent, as supplied. [District Rule 4603] Federally Enforceable Through Title V Permit
13. Permittee shall maintain daily records of number of pounds of powder coating used. [District Rule 1070] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

14. Operator shall maintain copies of fuel invoices. [District Rule 2520] Federally Enforceable Through Title V Permit
15. Visible emissions from the powder coating booth shall be checked annually. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520] Federally Enforceable Through Title V Permit
16. 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 4603] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley

Air Pollution Control District

PERMIT UNIT: C-954-10-4

EXPIRATION DATE: 08/31/2022

EQUIPMENT DESCRIPTION:

POWDER COATING OPERATION WITH ELECTROSTATIC APPLICATION EQUIPMENT, BOOTH WITH DRY FILTERS AND A 0.75 MMBTU/HR NATURAL GAS-FIRED BATCH CURING OVEN

PERMIT UNIT REQUIREMENTS

1. 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
2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
3. Only PUC-regulated natural gas shall be used as a fuel for the oven. [District Rule 2201] Federally Enforceable Through Title V Permit
4. NOx emissions from the natural gas-fired oven shall not exceed 0.10 lb-NOx/MMBtu. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Daily usage of powder coating shall not exceed 319 pounds. [District Rule 2201] Federally Enforceable Through Title V Permit
6. All coating shall be conducted in booth with filters in place and fan(s) operating. [District Rule 2201] Federally Enforceable Through Title V Permit
7. Only electrostatic application equipment shall be used, and the application equipment shall be operated in accordance with the manufacturer's recommendations. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Powder coating material shall not contain VOC. Manufacturer's material safety data sheets may be used to confirm the VOC content of the powder coating. [District Rules 2201 and 4603] Federally Enforceable Through Title V Permit
9. VOC content of solvents used for all solvent cleaning operations shall not exceed 25 g/l (0.21 lb/gal). [District Rule 4603] Federally Enforceable Through Title V Permit
10. An operator shall store or dispose of fresh or spent, solvents, waste solvent cleaning materials such as cloth, paper, etc., coatings, adhesives, catalysts, and thinners in closed, non-absorbent and non-leaking containers. The containers shall remain closed at all times except when depositing or removing the contents of the containers or when the container is empty. [District Rule 4603] Federally Enforceable Through Title V Permit
11. All solvents shall indicate on the solvent container, or on a separate product data sheet or material safety data sheet, the name of the solvent, manufacturer's name, the VOC content (in gm/liter or lb/gallon), and density of the solvent, as supplied. [District Rule 4603] Federally Enforceable Through Title V Permit
12. Permittee shall maintain daily records of number of pounds of powder coating used. [District Rule 1070] Federally Enforceable Through Title V Permit
13. Operator shall maintain copies of fuel invoices. [District Rule 2520] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

14. Visible emissions from the powder coating booth shall be checked annually. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520] Federally Enforceable Through Title V Permit
15. 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 4603] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley

Air Pollution Control District

PERMIT UNIT: C-954-14-5

EXPIRATION DATE: 08/31/2022

EQUIPMENT DESCRIPTION:

CONVEYORIZED UV COATING LINE CONSISTING OF AN INCLINED UV CURING SYSTEM COATING OPERATION WITH A PAINT SPRAY BOOTH WITH DRY EXHAUST FILTERS, AND WOODWORKING OPERATION INCLUDING: A BELT CONVEYOR, A ROTARY SANDING/DENIBBING MACHINE, A RECIPROCATING SPRAY MACHINE, A PANEL BRUSHING MACHINE, A BELT CONVEYOR FOR HAND SANDING, A BELT CONVEYOR FOR HAND WIPING, A MULTI-LEVEL FLASH-OFF OVEN SYSTEM (ELECTRIC OVEN) EXHAUSTED THROUGH DANTHERM MODEL CS-3-M BAGHOUSE INCLUDING A 40 HP BLOWER AND FILTRATION UNIT, AND A PERMIT EXEMPT BOILER (NATURAL GAS-FIRED, 5 MMBTU/HR OR LESS)

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions from the coating operation shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. Emissions from equipment operated under permits C-954-1, C-954-2 and C-954-14 shall not exceed either of the following limits: 224 lb-VOC/week or 9.1 lb-PM10/week. [District Rule 2201] Federally Enforceable Through Title V Permit
3. Visible emissions from the exhaust of the baghouse 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
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. All coating shall be conducted inside the booth with filters in place, fan(s) operating, and doors closed. [District Rule 2201] Federally Enforceable Through Title V Permit
6. PM10 emissions from the baghouse shall not exceed 0.004 gr/dscf. [District Rules 2201 and 4201] Federally Enforceable Through Title V Permit
7. The emissions from equipment operated under this permit shall not exceed either of the following limits: 46.0 lb-VOC/day or 9.1 lb-PM10/day. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Material removed from the baghouse shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
9. VOC content of coatings as applied, excluding water and exempt compounds, used for wood product, shall not exceed any of the following limits: clear topcoat 275 g/l (2.3 lb/gallon), filler 275 g/l (2.3 lb/gallon), high-solids stains 240 g/l (2.0 lb/gallon), ink 500 g/l (4.2 lb/gallon), mold-seal coating 750 g/l (6.3 lb/gallon), multi-colored coating 275 g/l (2.3 lb/gallon), pigmented coating 275 g/l (2.3 lb/gallon), or sanding sealer 275 g/l (2.3 lb/gallon). [District Rules 2201 and 4606] Federally Enforceable Through Title V Permit
10. VOC content of coatings as applied, used for wood product, shall not exceed either of the following limits: low-solids stain 120 g/l (1.0 lb/gallon) or stripper 350 g/l (2.9 lb/gallon). [District Rules 2201 and 4606] Federally Enforceable Through Title V Permit
11. VOC content of strippable booth coating shall not exceed 450 g/l (3.8 lb/gallon) as applied, excluding water and exempt compounds. [District Rule 4606] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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12. Only HVLP, electrostatic, brush, dip, flow, or roll coating application equipment shall be used, and the application equipment shall be operated in accordance with the manufacturer's recommendations. [District Rules 2201 and 4606] Federally Enforceable Through Title V Permit
13. If an HVLP spray gun is used, the operator must demonstrate that the spray gun operates between 0.1 and 10 pounds per square inch, gauge, (psig) air atomizing pressure, measured dynamically at the center of the air cap and at the air horns. For a gun permanently labeled HVLP by the manufacturer, a satisfactory demonstration shall either be in the form of manufacturer's published technical information or by a demonstration of the operation of the gun using an air pressure tip gauge from the manufacturer of the gun. For a gun not permanently labeled HVLP by the manufacturer, a satisfactory demonstration shall be based on manufacturer's published technical material and by a demonstration of the operation of the gun using an air pressure tip gauge from the manufacturer of the gun. [District Rule 4606] Federally Enforceable Through Title V Permit
14. The operator shall comply with the following work practice standards: 1) store all VOC-containing coatings, thinners, cleaning materials, and waste materials in closed non-absorbent and non-leaking containers, keeping the containers closed at all times except when specifically in use; 2) close mixing vessels that contain VOC coatings and other materials, except when specifically in use; 3) minimize spills of any VOC-containing materials and clean up spills immediately; and 4) convey VOC-containing materials in closed containers or pipes. [District Rule 4606] Federally Enforceable Through Title V Permit
15. VOC content of solvents used shall not exceed 25 g/l (0.21 lb/gal). [District Rule 4606] Federally Enforceable Through Title V Permit
16. Permittee shall not use cleaning material with a VOC content greater than 25 g/l (0.21 lb/gallon) for all solvent cleaning operations unless such cleaning operations are carried out within an APCO-approved emission control system. [District Rule 4606] Federally Enforceable Through Title V Permit
17. An operator shall store or dispose of fresh or spent solvents, waste solvent cleaning materials such as cloth, paper, etc., coatings, adhesives, catalysts, and thinners in closed, non-absorbent and non-leaking containers. The containers shall remain closed at all times except when depositing or removing the contents of the containers or when the container is empty. [District Rule 4606] Federally Enforceable Through Title V Permit
18. Each container or accompanying data sheet of any coating shall display: 1) a statement of the manufacturer's recommendation regarding thinning of the coating, excluding the thinning of coatings with water, and 2) the maximum VOC content of the coating, as applied, and after any thinning as recommended by the manufacturer. VOC content shall be displayed as grams of VOC per liter of coating (less water and exempt compounds). [District Rule 4606] Federally Enforceable Through Title V Permit
19. All solvents shall indicate on the solvent container, or on a separate product data sheet or material safety data sheet, the name of the solvent, manufacturer's name, the VOC content (in gm/liter or lb/gallon), and density of the solvent, as supplied. [District Rule 4606] Federally Enforceable Through Title V Permit
20. The baghouse shall be maintained and operated according to manufacturer's specifications. [District Rule 2201] Federally Enforceable Through Title V Permit
21. The cleaning frequency and duration for the baghouse shall be adjusted to optimize the control efficiency. [District Rule 2201] Federally Enforceable Through Title V Permit
22. 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
23. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the filters. 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
24. The baghouse shall operate at all times with a minimum differential pressure of 0.5 inches water column and a maximum differential pressure of 4.0 inches water column [District Rule 2201] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

25. Records of all maintenance of the baghouse, including all change outs of filter media, shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
26. The permittee shall maintain a current file of coatings, inks, adhesives, and solvents in use and in storage. The file shall include material safety data sheet (MSDS) or product data sheet showing the material name, manufacturer's name, VOC content as applied, and mix ratio of components. [District Rule 4606] Federally Enforceable Through Title V Permit
27. Permittee shall maintain daily records of the following: application method, substrate coating applied to, quantity and type of coatings and solvents used, mix ratios (by volume) of components added to each coating, volume of coatings applied, VOC content of each coating as applied, and VOC content of each solvent or stripper. [District Rules 2201 and 4606] Federally Enforceable Through Title V Permit
28. On a daily basis, the permittee shall calculate and record the daily VOC and PM10 emissions, in pounds, for each coating applied. [District Rule 2201] Federally Enforceable Through Title V Permit
29. Daily PM10 emissions of each coating applied shall be calculated as follows: $\text{daily PM10 emissions} = \text{coating density (lb/gallon)} \times \text{coating solids content (\%)} \times \text{usage (gallons/day)} \times 0.05 \times (1 - \text{Transfer Efficiency})$. The transfer efficiency is equal to: 0.75 for HVLP gun, and 1.0 for manual application (brush or roll). Total daily PM10 emissions is the sum of PM10 emissions from all coatings applied. [District Rule 2201] Federally Enforceable Through Title V Permit
30. Daily VOC emissions of each coating and/or solvent shall be calculated as follows: $\text{daily VOC emissions} = \text{VOC content (lb/gallon)} \times \text{usage (gallon/day)}$. Total daily VOC emissions is the sum of VOC emissions from all coatings and/or solvents used. [District Rule 2201] Federally Enforceable Through Title V Permit
31. Differential operating pressure for the baghouse shall be monitored and recorded on each day that the baghouse operates. [District Rule 2201] Federally Enforceable Through Title V Permit
32. Permittee shall keep the following records for solvent cleaning activities: manufacturer's product data sheet or MSDS of solvents used, VOC content of solvents in g/l or lb/gal, and the type of cleaning activity for which each solvent is used. [District Rule 4606] Federally Enforceable Through Title V Permit
33. Permittee shall maintain daily records of quantity (gallons), density, and solids content of coating applied. Permittee shall also maintain daily records of VOC content as applied (lb/gal) of each coating used, quantity (gallons) of each coating used, and calculated daily VOC emissions. [District Rule 2201] Federally Enforceable Through Title V Permit
34. Records shall be retained on-site for a minimum of five years and made available for District inspection upon request. [District Rules 2201 and 4606] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

ATTACHMENT C

Detailed Summary List of Facility Permits

Detailed Facility Report

For Facility=954

Sorted by Facility Name and Permit Number

PRISON INDUSTRY AUTHORITY - AVENAL 1 KINGS WAY AVENAL, CA 93204	FAC #	C 954	TYPE:	TitleV	EXPIRE ON:	08/31/2022
	STATUS:	A	TOXIC ID:	51958	AREA:	9 /
	TELEPHONE:				INSP. DATE:	04/24

PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	FEE AMOUNT	FEE TOTAL	PERMIT STATUS	EQUIPMENT DESCRIPTION
C-954-1-9	7.5 HP ELECTRIC MOTOR RATING	3020-01 A	1	107.00	107.00	A	WOOD PRODUCTS COATING OPERATION WITH HVLP SPRAY GUN, BINKS MODEL PFF-16-10-T-LH SPRAY PAINT BOOTH WITH EXHAUST FILTERS, AND VERID GUNWASHER MODEL 200-1 (COMMON WITH C-954-2)
C-954-2-9	7.5 HP ELECTRIC MOTOR RATING	3020-01 A	1	107.00	107.00	A	WOOD PRODUCTS COATING OPERATION WITH HVLP SPRAY GUN, BINKS MODEL PFF-16-10-T-LH SPRAY PAINT BOOTH WITH EXHAUST FILTERS AND VERID GUNWASHER MODEL 200-1 (COMMON WITH C-954-1) AND LOCATED IN BLDG #290, FURNITURE FACTORY
C-954-3-11	519.3 hp	3020-01 F	1	731.00	731.00	A	WOOD FURNITURE FACTORY LOCATED IN BLDG #290 WITH WOODWORKING OPERATION CONSISTING OF 4 TABLE SAWS, 2 CHOP SAWS, 1 BAND SAW, 1 PANEL SAW, 1 CNC PANEL SAW, 1 CNC SAW, 5 SANDERS, 2 SHAPERS, 1 CLEANER, 1 PLANER, 2 EDGE BANDERS, 5 CNC ROUTERS, 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 AND A HEATED PANEL EXPRESS GLUE PRESS SYSTEM
C-954-4-8	5,440 KBtu/hr heat input	3020-02 G	1	980.00	980.00	A	POWDER COATING OPERATION CONSISTING OF POWDER COATING BOOTH, 1.8 MMBTU/HR DRY-OFF OVEN, 3.3 MMBTU/HR BAKE OVEN, AND 0.34 MMBTU/HR CONTROLLED PYROLYSIS FURNACE WITH INTEGRAL AFTERBURNER FOR PARTS HANGER CLEANING
C-954-5-1	5 HP PAINT SPRAY BOOTH	3020-01 A	1	107.00	107.00	D	5 HP BINKS MODEL CWE-18-8-T-LH DYNAPRECIPATATOR SPRAY BOOTH WITH A WATER WALL FILTER SYSTEM. LOCATED IN BLDG #590, METAL PARTS FABRICATION. **COMBINED WITH PTO C-954-4-2, 9/18/96, CC.**
C-954-6-1	7.5 HP PANIT SPRAY BOOTH	3020-01 A	1	107.00	107.00	D	7.5 HP BINKS MODEL PFF-16-10-T-LH SPRAY PAINT BOOTH WITH 45 - 20" SQUARE FILTERS. LOCATED IN BLDG #590, METAL PARTS FABRICATION. ** PERMIT DELETED, EQUIPMENT REMOVED PER INSPECTION DATED 8/24/99 SR 1/13/00 **
C-954-7-0	INCINERATOR	3020-04 A	1	107.00	107.00	D	ONE "BURN EASY" MODEL 30 INCINERATOR FIRED ON NO. 2 FUEL OIL. "NOT IN USE ANY LONGER AND DISMANTLED." (KWC 03/21/94)
C-954-8-0	7.5 HP FAN	3020-01 A	1	107.00	107.00	D	7.5 HP BINKS MODEL PFF-16-10-T-LH SPRAY PAINT BOOTH WITH 45 - 20" SQUARE FILTERS, SERVED BY ONE 7.5 HP FAN. THIS BOOTH IS USED TO COAT SPECIALTY WOOD PARTS. "NO LONGER IN USE, TRANSFERED TO THE VOCATIONAL DIVISION." SEE PERMIT # C-195-7-0.
C-954-9-0	96 HP BAGHOUSE	3020-01 C	1	239.00	239.00	D	DONALDSON "TORIT" DUST COLLECTOR MODEL 30, WITH A 24" CYCLONE AND BAGHOUSE. "NO LONGER IN USE, TRANSFERED TO THE VOCATIONAL DIVISION." SEE PERMIT # C-195-8-0.
C-954-10-4	0.75 MMBtu/hr	3020-02 D	1	379.00	379.00	A	POWDER COATING OPERATION WITH ELECTROSTATIC APPLICATION EQUIPMENT, BOOTH WITH DRY FILTERS AND A 0.75 MMBTU/HR NATURAL GAS-FIRED BATCH CURING OVEN

Detailed Facility Report

For Facility=954

Sorted by Facility Name and Permit Number

PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	FEE AMOUNT	FEE TOTAL	PERMIT STATUS	EQUIPMENT DESCRIPTION
C-954-12-3	1,250 bhp IC engine	3020-10 F	1	900.00	900.00	D	1,250 BHP CATERPILLAR MODEL 3412 STA DIESEL-FIRED EMERGENCY STANDBY IC ENGINE POWERING AN ELECTRICAL GENERATOR
C-954-14-5	270 hp electric hp rating	3020-01 E	1	495.00	495.00	A	CONVEYORIZED UV COATING LINE CONSISTING OF AN INCLINED UV CURING SYSTEM COATING OPERATION WITH A PAINT SPRAY BOOTH WITH DRY EXHAUST FILTERS, AND WOODWORKING OPERATION INCLUDING: A BELT CONVEYOR, A ROTARY SANDING/DENIBBING MACHINE, A RECIPROCATING SPRAY MACHINE, A PANEL BRUSHING MACHINE, A BELT CONVEYOR FOR HAND SANDING, A BELT CONVEYOR FOR HAND WIPING, A MULTI-LEVEL FLASH-OFF OVEN SYSTEM (ELECTRIC OVEN) EXHAUSTED THROUGH DANTHERM MODEL CS-3-M BAGHOUSE INCLUDING A 40 HP BLOWER AND FILTRATION UNIT, AND A PERMIT EXEMPT BOILER (NATURAL GAS-FIRED, 5 MMBTU/HR OR LESS)

Number of Facilities Reported: 1