

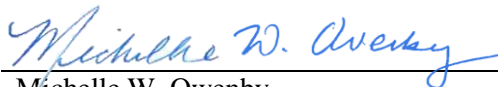


**STATE OF TENNESSEE
AIR POLLUTION CONTROL BOARD
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
NASHVILLE, TENNESSEE**

PERMIT TO CONSTRUCT / MODIFY AIR CONTAMINANT SOURCE(S)

Permit Number: 981992
Facility (Permittee): Koch Tenn, Inc
Facility ID: 32-0309
Facility Address: 1701 Needmore Road, Whitesburg
Hamblen County
Facility Classification: Title V
Federal Requirements: 40 CFR 63, Subpart JJ
Facility Description: Wood Cabinet Manufacturer

Permit 981992, consisting of 27 pages is hereby issued April 23, 2024, pursuant to the Tennessee Air Quality Act and by the Technical Secretary, Tennessee Air Pollution Control Board, Department of Environment and Conservation. This permit expires on April 22, 2026. The holder of this permit shall comply with the conditions contained in this permit as well as all applicable provisions of the Tennessee Air Pollution Control Regulations (TAPCR).



Michelle W. Owenby
Technical Secretary
Tennessee Air Pollution Control Board

No Authority is Granted by this Permit to Operate, Construct, or Maintain any Installation in Violation of any Law, Statute, Code, Ordinance, Rule, or Regulation of the State of Tennessee or any of its Political Subdivisions.

Section I – Sources Included in this Construction Permit

FACILITY DESCRIPTION			
Source Number	Source Description	Status	Control Device/Equipment
02	Wood Cabinet Finishing and Coating Operation	Modified	Exhaust Filters

Section II – Permit Record

Permit Type	Description of Permit Action	Issue Date
Initial	Initial issuance of construction permit	April 23, 2024

Section III - General Permit Conditions

G1. Responsible Person

The application that was utilized in the preparation of this construction permit is dated December 1, 2023, and is signed by Myron Nagurney, Office Manager, the Responsible Person for the permittee. The Responsible Person may be the owner, president, vice-president, general partner, plant manager, environmental/health/safety coordinator, or other person that is able to represent and bind the facility in environmental permitting affairs. If this Responsible Person terminates their employment or is assigned different duties and is no longer the person to represent and bind the permittee in environmental permitting affairs, the new Responsible Person for the permittee shall notify the Technical Secretary of the change in writing. The Notification shall include the name and title of the new Responsible Person assigned by the permittee to represent and bind the permittee in environmental permitting affairs, and the date the new Responsible Person was assigned these duties.

Should a change in the Responsible Person occur, the new Responsible Person must submit the Notification provided in Appendix 1 of this permit no later than 30 days after the change. A separate notification shall be submitted for each subsequent change in Responsible Person.

TAPCR 1200-03-09-.03(8)

G2. Application and Agreement Letters

This source shall operate in accordance with the terms of this permit, the information submitted in the approved permit application(s) referenced in **Condition G1**, and any documented agreements made with the Technical Secretary.

TAPCR 1200-03-09-.01(1)(d)

G3. Submittals

Unless otherwise specified within this permit, the permittee shall submit, preferably via email and in Adobe Portable Document format (PDF), all applicable plans, checklists, certifications, notifications, test protocols, reports, and applications to the attention of the following Division Programs at the email addresses indicated in the table below:

Permitting Program	Compliance Validation Program	Field Services Program
<ul style="list-style-type: none">• Notifications• Startup certifications• Applications• NSPS reports• MACT/GACT/NESHAP reports• Emission statements• Construction permit extension requests	<ul style="list-style-type: none">• Test protocols• Emission test reports• Visible emission evaluation reports	<ul style="list-style-type: none">• Semiannual reports• Annual compliance certifications/status reports
<p>Before June 1, 2024 Division of Air Pollution Control William R. Snodgrass TN Tower, 15th Floor 312 Rosa L. Parks Avenue Nashville, TN 37243 Air.Pollution.Control@tn.gov</p>		<p>Knoxville Environmental Field Office Division of Air Pollution Control 3711 Middlebrook Pike Knoxville, TN 37921 APC.KnoxEFO@tn.gov</p>
<p>On and after June 1, 2024 State of Tennessee Department of Environment and Conservation Division of Air Pollution Control Davy Crockett Tower, 7th Floor 500 James Robertson Parkway Nashville, TN 37243 Air.Pollution.Control@tn.gov</p>		

The permittee shall submit the information identified above as requested in this permit. In lieu of submitting this information to the email addresses above, the permittee may submit the information to the attention of the respective Division Programs at the mailing addresses listed above.

TAPCR 1200-03-09-.03(8)

G4. Notification of Changes

The permittee shall notify the Technical Secretary for any of the following changes to a permitted air contaminant source which would not be a modification requiring a new construction permit:

- change in air pollution control equipment that does not result in an increase or otherwise meet the definition of a modification
- change in stack height or diameter
- change in exit velocity of more than 25 percent or exit temperature of more than 15 percent based on absolute temperature.

The permittee must submit the Notification provided in Appendix 2 of this permit 30 days before the change is commenced.

TAPCR 1200-03-09-.02(7)

G5. Permit Transference

- A. This permit is not transferable from one air contaminant source to another air contaminant source or from one location to another location. The permittee must submit a construction permit application for a new source to the Permitting Program not less than 90 days prior to the estimated starting date of these events. If the new source will be subject to major New Source Review, the application must be submitted not less than 120 days in advance of the estimated starting date of these events.

TAPCR 1200-03-09-.03(6)(b) and 1200-03-09-.01(1)(b)

- B. In the event an ownership change occurs at this facility, the new owner must submit the notification provided in Appendix 3 of this permit. The written notification must be submitted by the new owner to the Permitting Program no later than 30 days after the ownership change occurs. If the change in ownership results in a change in Responsible Person for the facility, notification of the change in Responsible Person must also be submitted, as specified in **Condition G1**.

TAPCR 1200-03-09-.03(6)(a) and (b)

G6. Operating Permit Application Submittal

The permittee shall submit a revised Title V operating permit application no later than 90 days after initial startup of this new or modified emission source.

TAPCR 1200-03-09-.02(11)(d)1(VI) and 1200-03-09-.02(11)(d)2

G7. Temporary Operating Permit

- A. This construction permit shall serve as a temporary operating permit from the date of issuance, until the Technical Secretary issues a Title V operating permit provided the permittee submits a revised Title V operating permit application within the timeframe specified in **Condition G6**.

TAPCR 1200-03-09-.02(1), 1200-03-09-.02(2), and 1200-03-09-.02(11)(d)2

- B. If construction of the air contaminant source(s) cannot be completed and/or an operating permit application cannot be filed with the Technical Secretary by the expiration date of this permit, the permittee must submit a permit extension request 30 days prior to permit expiration.

TAPCR 1200-03-09-.02(1) and 1200-03-09-.02(3)

G8. Startup Certification for New or Modified Source(s)

The startup certification provided in Appendix 4 shall be submitted to the Permitting Program once an air contaminant source has started up. Startup of the air contaminant source shall be the date the new or modified air contaminant source began operation for the production of product for sale, use as raw materials, or steam or heat production under the terms of this permit.

TAPCR 1200-03-09-.03(8)

Compliance Method: The startup certification provided in Appendix 4 shall be submitted no later than 30 days after each air contaminant source has begun startup.

G9. Fees

The air contaminant source(s) identified in this permit shall comply with the requirements for payment of applicable annual emission fees to the Tennessee Division of Air Pollution Control.

TAPCR 1200-03-26-.02

G10. General Recordkeeping Requirements

A. All recordkeeping requirements for all data required to be recorded shall follow the following schedules:

For Daily Recordkeeping	For Weekly Recordkeeping	For Monthly Recordkeeping
No later than seven days from the end of the day for which the data is required.	No later than seven days from the end of the week for which the data is required.	No later than 30 days from the end of the month for which the data is required.

B. The information contained in logs, records, and submittals required by this permit shall be kept at the facility's address, unless otherwise noted, and provided to the Technical Secretary or a Division representative upon request. Computer-generated logs are acceptable. Compliance is assured by retaining the logs, records, and submittals specified in this permit for a period of not less than five years at the facility's address.

TAPCR 1200-03-10-.02(2)(a)

G11. Routine Maintenance Requirements

The permittee shall maintain and repair the emission source, associated air pollution control device(s), and compliance assurance monitoring equipment as required to maintain and assure compliance with the specified emission limits.

TAPCR 1200-03-09-.03(8)

Compliance Method: Records of all repair and maintenance activities required above shall be recorded in a suitable permanent form and kept available for inspection by the Division. These records must be retained for a period of not less than five years. The date each maintenance and repair activity began shall be entered in the log no later than seven days following the start of the repair or maintenance activity, and the completion date shall be entered in the log no later than seven days after activity completion.

G12. Visible and Fugitive Emissions

A. Unless otherwise specified, visible emissions from this facility shall not exhibit greater than 20% opacity, except for one six-minute period in any one-hour period, and for no more than four six-minute periods in any 24-hour period. A stack is defined as any chimney, flue, conduit, exhaust, vent, or opening of any kind whatsoever, capable of, or used for, the emission of air contaminants.

TAPCR 1200-03-05-.01(1) and 1200-03-05-.03(6)

Compliance Method: When required to demonstrate compliance, visible emissions shall be determined by EPA Method 9, as published in the current 40 CFR 60, Appendix A (six-minute average).

- B. The permittee shall not cause, suffer, allow, or permit any materials to be handled, transported, or stored; or a building, its appurtenances, or a road to be used, constructed, altered, repaired, or demolished without taking reasonable precautions to prevent particulate matter from becoming airborne. Reasonable precautions shall include, but are not limited to, the following:
- (a) Use, where possible, of water or chemicals for control of dust in demolition of existing buildings or structures, construction operations, grading of roads, or the clearing of land;
 - (b) Application of asphalt, water, or suitable chemicals on dirt roads, material stockpiles, and other surfaces which can create airborne dusts;
 - (c) Installation and use of hoods, fans, and fabric filters to enclose and vent the handling of dusty materials. Adequate containment methods shall be employed during sandblasting or other similar operations.

The permittee shall not cause, suffer, allow, or permit fugitive dust to be emitted in such manner to exceed five minutes per hour or 20 minutes per day as to produce a visible emission beyond the property line of the property on which the emission originates, excluding malfunction of equipment as provided in TAPCR 1200-03-20. A malfunction is defined as, any sudden and unavoidable failure of process equipment or for a process to operate in an abnormal and unusual manner. Failures that are caused by poor maintenance, careless operation, or any other preventable upset condition or preventable equipment breakdown shall not be considered malfunctions.

TAPCR 1200-03-08-.01(1) and 1200-03-08-.01(2)

Compliance Method: When required to demonstrate compliance, fugitive emissions shall be determined by Tennessee Visible Emissions Evaluation Method 4 as adopted by the Tennessee Air Pollution Control Board on April 16, 1986.

- C. Fugitive emissions from roads and parking areas shall not exhibit greater than 10% opacity.

TAPCR 1200-03-08-.03

Compliance Method: When required to demonstrate compliance, fugitive emissions from roads and parking areas shall be determined by utilizing Tennessee Visible Emissions Evaluation (TVEE) Method 1, as adopted by the Tennessee Air Pollution Control Board on April 29, 1982, as amended on September 15, 1982, and August 24, 1984.

G13. Facility-wide Limitations

- A. Volatile organic compounds (VOC) emitted from this facility, including emissions from insignificant activities, shall not exceed 249.0 tons during any period of 12 consecutive months. This condition supersedes **Condition G5** of operating permit 477305.

1200-03-07-.07(2) and the agreement letter dated January 30, 2020. This limit was requested to avoid PSD applicability.

Compliance Method: The permittee shall calculate the actual quantity of VOC emitted from this facility during each month and each period of 12 consecutive months and maintain records of these emissions in the following log, or a similar log that includes the same required information. These records must be retained in accordance with **Condition G10**.

LOG G13-1: Facility-Wide Monthly and 12 Month VOC Log						
Month/Year	VOC Emissions (tons/month)					VOC Emissions (tons/12 months)
	32-0309-02	32-0309-03	32-0309-04	Insignificant Units	Total	

B. The facility-wide hazardous air pollutant (HAP) and particulate matter (PM) limits specified in **Conditions G6 and G7** of operating permit 477305 are no longer applicable.

TAPCR 1200-03-09-.02(11)(e)1(iii) and 1200-03-10-.02(2)(a)

G14. NSPS/NESHAP/MACT/GACT Standards

The following source(s) are subject to and shall comply with all applicable requirements of each NSPS/NESHAP/MACT/GACT standard as indicated in the table below, including the General Provisions identified in Appendix 9.

Source Number	NESHAP/MACT/GACT	NSPS
02	40 CFR 63, Subpart JJ	<i>Not Applicable</i>

TAPCR 1200-03-09-.03(8), 0400-30-38-.01, and 0400-30-39

Compliance Method: Compliance methods are provided in the conditions in **Section IV** of this permit.

G15. VOC and NO_x Emission Statement

Not Applicable

G16. Permit Supersedes Statement

This permit supersedes all previously issued permits for these source(s).

TAPCR 1200-03-09-.03(8)

G17. Source Testing Requirements

Not Applicable

G18. VOC and HAP Content

The as-supplied VOC and HAP content of all VOC and HAP-containing materials (all coatings, inks, adhesives, thinners, and solvents) to be used by this source shall be determined from Safety Data Sheets (SDS) or manufacturer or vendor formulation data which explicitly list the VOC and HAP content by weight. If new materials are used, or if material formulation is changed, logs used to calculate emissions of VOC and HAP shall be updated within 30 days from the initial date of usage of the new or altered material.

TAPCR 1200-03-09-.03(8) and 1200-03-10-.02(2)(a)

Compliance Method: Purchase orders and/or invoices for all VOC- and HAP-containing materials, along with current SDS, must be maintained and kept available for inspection by the Technical Secretary or a Division representative. The SDS must explicitly list the VOC and HAP content by weight for all VOC- and HAP-containing materials. If SDS are not available with this information, vendor formulation data containing the required information for those materials must also be maintained. These records must be retained in accordance with **Condition G10**. Scanned documents (maintained electronically) may be used to fulfill this requirement.

Section IV – Federal and/or State Only Requirements

F1. 40 CFR 63, Subpart JJ - *National Emission Standards for Wood Furniture Manufacturing Operations*

F1-1. The permittee is subject to and shall comply with all applicable requirements of 40 CFR 63, Subpart JJ - *National Emission Standards for Wood Furniture Manufacturing Operations*. This facility is a new affected source (constructed or reconstructed after initial proposal of Subpart JJ on December 6, 1994) as defined at 40 CFR §63.2. The permittee shall:

- (a) Comply with the emission limits of 40 CFR §63.802(b) for new affected sources and the operation and maintenance requirements of 40 CFR §63.802(c).
- (b) Comply with the work practice standards of 40 CFR §63.803. The permittee shall prepare and maintain a written Work Practice Implementation Plan (WPIP) in accordance with 40 CFR §63.803(a). The WPIP shall be available for inspection by a representative of the Division upon request.
- (c) Comply with the applicable compliance procedures and monitoring requirements of 40 CFR §63.804(d) through (h).
- (d) Comply by utilizing the applicable performance test methods of 40 CFR §63.805.
- (e) Fulfill all applicable recordkeeping requirements of 40 CFR §63.806.
- (f) Fulfill all applicable reporting requirements of 40 CFR §63.807.
- (g) Comply with all provisions of Table 1 to Subpart JJ of Part 63 - General Provisions Applicability to Subpart JJ [Appendix 9 of this permit]

The Initial Compliance Status Report required by 40 CFR §63.9(h) and §63.807(b) was received by the Division on April 26, 2022.

TAPCR 1200-03-09-.03(8)

F1-2. The permittee shall limit VHAP emissions from finishing operations by meeting the following emission limitations:

- (a) achieve a weighted average VHAP content across all coatings of 0.8 pound of VHAP per pound of solids, as-applied; or
- (b) use compliant finishing materials, as follows:
 - 1. 1.0 pound of VHAP per pound of solids, as-applied, for stains,
 - 2. 0.8 pound of VHAP per pound of solids, as-applied, for washcoats [see below],
 - 3. 0.8 pound of VHAP per pound of solids, as-applied, for sealers,
 - 4. 0.8 pound of VHAP per pound of solids, as-applied, for topcoats,
 - 5. 0.8 pound of VHAP per pound of solids, as-applied, for basecoats [see below],
 - 6. 0.8 pound of VHAP per pound of solids, as-applied, for enamels [see below], and
 - 7. 10.0 percent VHAP by weight for thinners.

Washcoats, basecoats, and enamels must comply with the limits presented in this condition if they are purchased premade, that is, if they are not formulated onsite by thinning other finishing materials. If they are formulated onsite, they must be formulated using compliant finishing materials, that is, those that meet the limits specified in this condition, and thinners containing no more than 3.0 percent VHAP by weight.

40 CFR §63.802(b)(1), §63.804(d), and Table 3 to Subpart JJ of Part 63

Compliance Method: The permittee shall demonstrate compliance with this condition by using finishing materials that comply with the specified emission limitation, or by calculating the monthly weighted average VHAP content across all finishing materials used. The permittee shall maintain a log of the monthly weighted average VHAP calculation (LOG F1-1) and/or a log of compliant materials (LOG F1-2), depending on the compliance method selected. The information shall be maintained in a format similar to the logs provided below. Emission limits that are specified in terms of “as-applied” must include thinner content.

LOG F1-1: Monthly Weighted Average VHAP Content Log - Finishing Materials						
Month/Year:						
Finishing Material ¹ Name	Finishing Material Usage (gallons/month)	VHAP ² Content, as applied (pounds/gallon)	VHAP Usage (pounds/month)	SOLIDS Content, as applied (pounds/gallon)	SOLIDS Usage (pounds/month)	Weighted Average VHAP Content (E from Equation 1) (pounds VHAP/ pounds SOLIDS)
TOTAL			Total VHAP (pounds)		Total SOLIDS (pounds)	Monthly Weighted Average VHAP Content (E)

1. The term Finishing Material includes stains, washcoats, sealers, topcoats, basecoats, enamels, and any thinners added to these materials.
2. The term VHAP means any volatile hazardous air pollutant listed in Table 2 to Subpart JJ of Part 63.

Equations for use with LOG F1-1:

- (1) VHAP Usage (pounds VHAP/month) = (Material Usage (gpm)) * (Material VHAP Content (pounds VHAP/gallon))
- (2) SOLIDS Usage (pounds SOLIDS/month) = (Material Usage (gpm)) * (Material SOLIDS Content (pounds SOLIDS/gallon))
- (3) Total VHAP (pounds) = Sum of VHAP Usage (pounds VHAP/month) for all Finishing Materials used
- (4) Total SOLIDS (pounds) = Sum of SOLIDS Usage (pounds SOLIDS/month) for all Finishing Materials used
- (5) Monthly Weighted Average VHAP Content (pounds VHAP/pounds SOLIDS) = Total VHAP (pounds)/Total SOLIDS (pounds) [This is the weighted average VHAP content across all coatings, if this is the selected compliance option.]

LOG F1-2: Log of Compliant Materials Used						
Material Name ¹	Material Type	VOC Content (lb/gallon, as applied)	VHAP Content (lb/gallon, as applied)	SOLIDS Content (lb/gallon, as applied)	Material Content (lb VHAP/lb SOLIDS OR lb VOC/lb SOLIDS OR percent VHAP)	Emission Limit for Material Type
Stain	Finishing – Stain					1.0 lb VHAP/lb SOLIDS
Washcoat	Finishing – Washcoat					0.8 lb VHAP/lb SOLIDS ²
Sealer	Finishing – Sealer					0.8 lb VHAP/lb SOLIDS
Topcoat	Finishing – Topcoat					0.8 lb VHAP/lb SOLIDS
Basecoat	Finishing – Basecoat					0.8 lb VHAP/lb SOLIDS ²
Enamel	Finishing – Enamel					0.8 lb VHAP/lb SOLIDS ²
Thinner	Finishing – Thinner					10.0 %
Contact Adhesive	Contact Adhesive					0.2 VHAP/lb SOLIDS
Foam Adhesive	Foam Adhesive					0.2 VHAP/lb SOLIDS
Strippable Spray Coating	Strippable Spray Coating					0.8 VOC/lb SOLIDS

1. The table should be expanded to add materials as needed. For each material added to the table, the applicable columns should be completed.
2. Washcoats, basecoats, and enamels must comply with the limits presented in this table if they are purchased premade, that is, if they are not formulated onsite by thinning other finishing materials. If they are formulated onsite, they must be formulated using compliant finishing materials, i.e., those that meet the limits specified in this table, and thinners containing no more than 3.0 percent VHAP by weight.

- F1-3.** The permittee shall limit VHAP emissions from contact adhesives, excluding aerosol adhesives and excluding contact adhesives applied to nonporous substrates, by achieving a VHAP limit of no greater than 0.2 pound of VHAP per pound of solids, as applied. As defined at 40 CFR §63.801, foam adhesives are considered to be contact adhesives.

40 CFR §63.802(b)(2) and §63.804(e)

Compliance Method: The permittee shall demonstrate compliance with this condition by using compliant contact adhesives with a VHAP content no greater than 0.2 lb of VHAP per pound of solids, as applied and maintaining the information specified in LOG F1-2 for each contact adhesive used.

- F1-4.** The permittee shall limit HAP emissions from strippable spray booth coatings by using coatings that contain no more than 0.8 pound of VOC per pound of solids, as applied.

40 CFR §63.802(b)(3)

Compliance Method: The permittee shall demonstrate compliance with this condition by maintaining the information specified in LOG F1-2 for each strippable spray booth coating used.

- F1-5.** The permittee shall limit formaldehyde emissions by complying with the provisions specified in paragraph (a) or (b) of this condition.

- (a) Limit total formaldehyde use in coatings and contact adhesives to no more than 400 pounds during each consecutive 12-month period.
- (b) Use coatings and contact adhesives only if they are low-formaldehyde coatings and adhesives, in any wood furniture manufacturing operations. *Low-formaldehyde* means, in the context of a coating or contact adhesive, a product concentration of less than or equal to 1.0 percent formaldehyde by weight, as described in a certified product data sheet for the material [§63.801].

40 CFR §63.802(b)(4)

Compliance Method: The permittee shall demonstrate compliance with the emission limitation in paragraph (a) by calculating the total formaldehyde emissions from all finishing materials and contact adhesives used at the facility using Equation 5 at 40 CFR §63.804(h)(1). If the permittee chooses to use only low-formaldehyde coatings and adhesives as specified in paragraph (b), the permittee must maintain a certified product data sheet for each coating and contact adhesive used, as specified at 40 CFR §63.804(h)(3).

- F1-6.** At all times, the permittee must operate and maintain any affected source, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. Determination of whether such operation and maintenance procedures are being used will be based on information available to the Technical Secretary which may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source.

40 CFR §63.802(c)

F1-7. The permittee shall comply with the following work practice standards, as specified in 40 CFR §63.803:

(a) ***Work practice implementation plan.***

- (1) The permittee shall prepare and maintain a written work practice implementation plan that defines environmentally desirable work practices for each wood furniture manufacturing operation and addresses each of the work practice standards presented in paragraphs (b) through (l) of this condition.
- (2) The written work practice implementation plan shall be available for inspection by the Technical Secretary or a Division representative upon request. If the Technical Secretary determines that the work practice implementation plan does not include sufficient mechanisms for ensuring that the work practice standards are being implemented, the Technical Secretary may require the affected source to modify the plan. Revisions or modifications to the plan do not require a revision of the source's Title V permit.
- (3) The inspection and maintenance plan required by paragraph (c) of this condition and the formulation assessment plan for finishing operations required by paragraph (l) of this condition are also reviewable by the Technical Secretary.

(b) ***Operator training course.*** The permittee shall train all new and existing personnel, including contract personnel, who are involved in finishing, gluing, cleaning, and washoff operations, use of manufacturing equipment, or implementation of the requirements of Subpart JJ. All new personnel shall be trained upon hiring. All personnel shall be given refresher training annually. The affected source shall maintain a copy of the training program with the work practice implementation plan. The training program shall include, at a minimum, the following:

- (1) A list of all current personnel by name and job description that are required to be trained;
- (2) An outline of the subjects to be covered in the initial and refresher training for each position or group of personnel;
- (3) Lesson plans for courses to be given at the initial and the annual refresher training that include, at a minimum, appropriate application techniques, appropriate cleaning and washoff procedures, appropriate equipment setup and adjustment to minimize finishing material usage and overspray, and appropriate management of cleanup wastes; and
- (4) A description of the methods to be used at the completion of initial or refresher training to demonstrate and document successful completion.

(c) ***Inspection and maintenance plan.*** The permittee shall prepare and maintain with the work practice implementation plan a written leak inspection and maintenance plan that specifies:

- (1) A minimum visual inspection frequency of once per month for all equipment used to transfer or apply coatings, adhesives, or organic HAP solvents;
- (2) An inspection schedule;
- (3) Methods for documenting the date and results of each inspection and any repairs that were made;
- (4) The timeframe between identifying the leak and making the repair, which adheres, at a minimum, to the following schedule:
 - (i) A first attempt at repair (e.g., tightening of packing glands) shall be made no later than five calendar days after the leak is detected; and
 - (ii) Final repairs shall be made within 15 calendar days after the leak is detected, unless the leaking equipment is to be replaced by a new purchase, in which case repairs shall be completed within three months.

(d) ***Cleaning and washoff solvent accounting system.*** The permittee shall develop an organic HAP solvent accounting form to record:

- (1) The quantity and type of organic HAP solvent used each month for washoff and cleaning, as defined in 40 CFR §63.801;
- (2) The number of pieces washed off, and the reason for the washoff; and
- (3) The quantity of spent organic HAP solvent generated from each washoff and cleaning operation each month, and whether it is recycled onsite or disposed offsite.

- (e) **Chemical composition of cleaning and washoff solvents.** The permittee shall not use cleaning or washoff solvents that contain any of the pollutants listed in Table 4 to Subpart JJ, in concentrations subject to MSDS reporting as required by OSHA.
- (f) **Spray booth cleaning.** The permittee shall not use compounds containing more than 8.0 percent by weight of VOC for cleaning spray booth components other than conveyors, continuous coaters and their enclosures, or metal filters, or plastic filters unless the spray booth is being refurbished. If the spray booth is being refurbished, that is the spray booth coating or other protective material used to cover the booth is being replaced, the affected source shall use no more than 1.0 gallon of organic HAP solvent per booth to prepare the surface of the booth prior to applying the booth coating.
- (g) **Storage requirements.** The permittee shall use normally closed containers for storing finishing, gluing, cleaning, and wash off materials.
- (h) **Application equipment requirements.** The permittee shall not use conventional air spray guns except when all emissions from the finishing application station are routed to a functioning control device.
- (i) **Line cleaning.** The permittee shall pump or drain all organic HAP solvent used for line cleaning into a normally closed container.
- (j) **Gun cleaning.** The permittee shall collect all organic HAP solvent used to clean spray guns into a normally closed container.
- (k) **Washoff operations.** The permittee shall control emissions from wash off operations by:
 - (1) Using normally closed tanks for washoff; and
 - (2) Minimizing dripping by tilting or rotating the part to drain as much solvent as possible.
- (l) **Formulation assessment plan for finishing operations.** The permittee shall prepare and maintain with the work practice implementation plan a formulation assessment plan that:
 - (1) Identifies VHAP from the list presented in Table 5 of Subpart JJ that are being used in finishing operations by the affected source;
 - (2) Establishes a baseline level of usage by the affected source, for each VHAP identified in paragraph (l)(1) of this condition. The baseline usage level shall be the highest annual usage from 1994, 1995, or 1996, for each VHAP identified in (l)(1) of this condition. For formaldehyde, the baseline level of usage shall be based on the amount of free formaldehyde present in the finishing material when it is applied. For styrene, the baseline level of usage shall be an estimate of unreacted styrene, which shall be calculated by multiplying the amount of styrene monomer in the finishing material, when it is applied, by a factor of 0.16.
 - (3) Tracks the annual usage of each VHAP identified in (l)(1) by the affected source that is present in amounts subject to MSDS reporting as required by OSHA.
 - (4) If, after November 1998, the annual usage of the VHAP identified in (l)(1) exceeds its baseline level, then the owner or operator of the affected source shall provide a written notification to the permitting authority that describes the amount of the increase and explains the reasons for exceedance of the baseline level. The following explanations would relieve the permittee from further action, unless the affected source is not in compliance with any State regulations or requirements for that VHAP:
 - (i) The exceedance is no more than 15.0 percent above the baseline level;
 - (ii) Usage of the VHAP is below the de minimis level presented in Table 5 of Subpart JJ for that VHAP;
 - (iii) The affected source is in compliance with its State's air toxic regulations or guidelines for the VHAP; or
 - (iv) The source of the pollutant is a finishing material with a VOC content of no more than 1.0 lb VOC/lb solids, as applied.

- (5) If none of the above explanations are the reason for the increase, the permittee shall confer with the Division to discuss the reason for the increase and whether there are practical and reasonable technology-based solutions for reducing the usage. The evaluation of whether a technology is reasonable and practical shall be based on cost, quality, and marketability of the product, whether the technology is being used successfully by other wood furniture manufacturing operations, or other criteria mutually agreed upon by the Division and the permittee. If there are no practical and reasonable solutions, the facility need take no further action. If there are solutions, the permittee shall develop a plan to reduce usage of the pollutant to the extent feasible. The plan shall address the approach to be used to reduce emissions, a timetable for implementing the plan, and a schedule for submitting notification of progress.
- (6) If an affected source uses a VHAP of potential concern listed in Table 6 of Subpart JJ for which a baseline level has not been previously established, then the baseline level shall be established as the *de minimis* level provided in that same table for that chemical. The affected source shall track the annual usage of each VHAP of potential concern identified in this subparagraph that is present in amounts subject to MSDS reporting as required by OSHA. If usage of the VHAP of potential concern exceeds the *de minimis* level listed in Table 6 of Subpart JJ for that chemical, then the permittee shall provide an explanation to the Division that documents the reason for the exceedance of the *de minimis* level. If the explanation is not one of those listed in subparagraphs (1)(4)(i) through (1)(4)(iv) of this condition, the permittee shall follow the procedures in subparagraph (1)(5) of this condition.

40 CFR §63.803

Compliance Method: Compliance shall be assured by developing and implementing the required Work Practice Implementation Plan which addresses each of the work practices identified in this condition. The Plan shall be maintained onsite and kept available for inspection by the Technical Secretary or a Division representative. The Plan shall be retained in accordance with **Condition G10**.

F1-8. The permittee shall maintain records of the following:

- (a) A certified product data sheet for each finishing material, thinner, contact adhesive, and strippable spray booth coating subject to the emission limits in **Conditions F1-2, F1-3 and F1-4**; and
- (b) The VHAP content, in pound of VHAP/pound of solids, as applied, of each finishing material and contact adhesive subject to the emission limits in **Conditions F1-2 and F1-3**; and
- (c) The VOC content, in pound of VHAP/pound of solids, as applied, of each strippable booth coating subject to the emission limits in **Condition F1-4**.
- (d) The formaldehyde content, in pounds per gallon, as applied, of each finishing material and contact adhesive subject to the emission limits in **Condition F1-5** and chooses to comply with the 400 pound per year limit on formaldehyde in **Condition F1-5(a)**.
- (e) Copies of the averaging calculation for each month following the compliance date, as well as the data on the quantity of coatings and thinners used that is necessary to support the calculation of *E* in Equation 1 of §63.808(a)(1).
- (f) The work practice implementation plan and all records associated with fulfilling the requirements of that plan, including, but not limited to:
 - (1) Records demonstrating that the operator training program required by **Condition F1-7(b)** is in place;
 - (2) Records collected in accordance with the inspection and maintenance plan required by **Condition F1-7(c)**;
 - (3) Records associated with the cleaning solvent accounting system required by **Condition F1-7(d)**;
 - (4) Records associated with the formulation assessment plan required by **Condition F1-7(l)**; and
 - (5) Copies of documentation such as logs developed to demonstrate that the other provisions of the work practice implementation plan are followed.
- (g) Copies of the compliance certifications submitted in accordance with **Condition F1-9** for each semiannual period following the compliance period.

- (h) Records of all other information submitted with the compliance status report required by §63.9(h) and §63.807(b) [received by the Division on April 26, 2022] and the semiannual reports required by **Condition F1-9**.
- (i) Records of the occurrence and duration of each malfunction of operation (i.e., process equipment) or the air pollution control equipment and monitoring equipment. The permittee shall maintain records of actions taken during periods of malfunction to minimize emissions in accordance with **Condition F1-6**, including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or unusual manner of operation.

40 CFR §63.806(a) – (c), (e), and (h) – (k) and §63.10(b)(1)

Compliance Method: The permittee shall maintain files of all information (including all reports and notifications) in a form suitable and readily available for expeditious inspection and review. The files shall be retained for at least five years following the date of occurrence, measurement, maintenance, corrective action, report, or record. At a minimum, the most recent 2 years of data shall be retained onsite. The remaining three years of data may be retained offsite.

F1-9. The permittee shall submit semiannually a report covering the previous six months of wood furniture manufacturing operations. The reports shall cover the reporting periods of January through June and July through December. The first report shall be submitted within 30 calendar days after the end of the first six-month period following the compliance date. Subsequent reports shall be submitted within 30 calendar days after the end of each six-month period following the first report. The semiannual reports shall include:

- (a) For compliance with the limit specified in **Condition F1-2(a)** using the procedures provided in **Condition F1-2**:
 - (1) The results of the averaging calculation (Equation 1) for each month within the semiannual period [LOG F1-1]
 - (2) A compliance certification stating that the value of E , as calculated by Equation 1, is no greater than 0.8.
 - (3) The compliance certification shall be signed by a responsible official of the permittee.
- (b) For compliance with the limits specified in **Condition F1-2(b)** using the procedures provided in **Condition F1-2**:
 - (1) A compliance certification stating that compliant stains, washcoats, sealer, topcoats, basecoats, enamels, and thinners, as applicable, have been used each day in the semiannual reporting period, or otherwise identify the periods of noncompliance and the reasons for noncompliance.
 - (2) The compliance certification shall be signed by a responsible official of the permittee.
- (c) For compliance with the limit specified in **Condition F1-3** using the procedures provided in **Condition F1-3**:
 - (1) A compliance certification stating that compliance contact and/or foam adhesives have been used each day in the semiannual reporting period, or otherwise identify each day noncompliance contact and/or foam adhesives were used.
 - (2) The compliance certification shall be signed by a responsible official of the permittee.
- (d) For compliance with the limit specified in **Condition F1-4** using the procedures provided in **Condition F1-4**:
 - (1) A compliance certification stating that compliance strippable spray booth coatings have been used each day in the semiannual reporting period, or otherwise identify each day noncompliant materials were used.
 - (2) The compliance certification shall be signed by a responsible official of the permittee.
- (e) For compliance with the work practice standards in **Condition F1-7**:
 - (1) A compliance certification stating that the work practice implementation plan is being followed, or otherwise identify the provisions of the plan that have not been implemented and each day the provisions were not implemented.
 - (2) The compliance certification shall be signed by a responsible official of the permittee.
- (f) For compliance with the limit specified in **Condition F1-5(b)** using the procedures provided in **Condition F1-5**:

- (1) A compliance certification stating that low-formaldehyde coatings and contact adhesives, as applicable, have been used each day in the semiannual period, or otherwise identify the periods of noncompliance and the reasons for noncompliance.
- (2) The compliance certification shall be signed by a responsible official of the permittee.

40 CFR 63.807(c)

Compliance Method: Compliance with this condition shall be assured by preparing and submitting the required semiannual reports within the timeframes specified.

F1-10. The permittee shall comply with the requirements of Subpart A of Part 63 (General Provisions), according to the applicability of Subpart A to such source, as identified in Table 1 of Subpart JJ (Appendix9).

40 CFR §63.800(e)

Section V - Source Specific Permit Conditions

Source Number	Source Description
02	<p>Wood Cabinet Finishing and Coating Operation: This source consists of one dye machine, two spray booths with exhaust filter control, four automatic spray machines with exhaust filter control, and four electric flash-off ovens.</p> <p>The modification includes installation of one additional automatic spray machine with exhaust filter control and one additional electric flash off oven.</p>

S1-1. Input Limitation(s) or Statement(s) of Design

Not Applicable

S1-2. Production Limitation(s)

Not Applicable

S1-3. Operating Hour Limitation(s)

Not Applicable

S1-4. Emission Limitation(s)

- A. Particulate matter emitted from this source shall not exceed 0.02 grains per dry standard cubic foot of exhaust gas (10.63 pounds per hour, on a daily average basis).

TAPCR 1200-03-07-.04(1)

Compliance Method: The permittee shall install, operate, and maintain exhaust filters for each spray booth and each automatic spray machine. The spray booths and automatic spray machines shall not operate unless the exhaust filters are in place and functioning properly. The permittee shall inspect the filter(s) on a daily basis, prior to starting the booth or machine. The permittee shall initiate, as well as record, corrective action within 24 hours and complete, as well as record, corrective action as expediently as practical if the permittee finds that a problem has developed during an inspection of the exhaust filters. Inspection records (see example Log 1 in

Appendix 8 or use similar format that provides the same information) must be kept and shall also include the initials of the person performing the inspection(s) and corrective action(s), along with the date, time, and any relevant comments. Days that the source is not in operation shall be noted. These records shall be retained in accordance with **Condition G10**.

- B. VOC emissions from this source, when combined with VOC emissions from all other sources at this facility, including insignificant emission units/activities, shall not exceed the facility-wide VOC emission limit specified in **Condition G13**.

TAPCR 1200-03-07-.07(2) and the agreement letter dated January 30, 2020 (Appendix 7)

Compliance Method: The permittee shall calculate actual quantities of VOC, each individual HAP, and total HAP emitted from this facility during each calendar month and maintain records of these emissions in the following log, or a similar log that includes the same required information. Monthly emissions of VOC shall be included in the log required by **Condition G13A**. The as-supplied VOC and HAP content of all VOC and HAP-containing materials (all coatings, inks, adhesives, thinners, and solvents) used by this source shall be determined as specified in **Condition G18**. These records must be retained in accordance with **Condition G10**.

LOG S1-1: Monthly VOC and HAP Emission Log for 32-0309-02									
Month/Year:									
Material Name*	Usage (gal/mo)	Density (lb/gal)	VOC Content (weight %)	VOC Emitted (ton/mo)	HAP ₁ * Content (weight %)	HAP ₁ Emitted (ton/mo)	HAP ₂ Content (weight %)	HAP ₂ Emitted (ton/mo)	Total HAP Emitted (ton/mo)
TOTALS									

*This table should be expanded to include additional materials and HAP as required.

S1-5. Source-Specific Visible Emissions Limitation(s)

Not Applicable

(end of conditions)

The permit application gives the location of this source as 36°17'35" N and 83°09'17" W.

Appendix 1: Notification of Change in Responsible Person

Facility (Permittee): _____ Koch Tenn, Inc _____

Facility ID: _____ 32-0309 _____

Former Responsible Person: _____
Name Title

New Responsible Person: _____
Name Title

Email

Mailing Address

Phone (Office) Phone (cell)

Date New Responsible Person was assigned this duty: _____

As the Responsible Person of the above mentioned facility (permittee), I certify that the information contained in this Notification is accurate and true to the best of my knowledge. As specified in Tennessee Code Annotated Section 39-16-702(a)(4), this declaration is made under penalty of perjury.

Signature		Date
Signer's name (print)	Title	Phone (with area code)

Appendix 2: Notification of Changes

Facility (Permittee): Koch Tenn, Inc

Facility ID: 32-0309

Source Number: _____

	Control Equipment	Stack Height (Feet)	Stack Diameter (Feet)	Exit Velocity (Feet/Second)	Exit Temperature (°F)
Current					
Proposed					
Current					
Proposed					
Current					
Proposed					

Comments:

As the Responsible Person of the above mentioned facility (permittee), I certify that the information contained in this Notification is accurate and true to the best of my knowledge. As specified in Tennessee Code Annotated Section 39-16-702(a)(4), this declaration is made under penalty of perjury.

Signature		Date
Signer's name (print)	Title	Phone (with area code)

Appendix 3: Notification of Ownership Change

Facility (Permittee): Koch Tenn, Inc (Previous Owner)

Facility ID: 32-0309

Facility (Permittee): _____ (New Owner) _____
Date of Ownership Change

Secretary of State Control Number: _____ [as registered with the TN Secretary of State (SOS)]

Responsible Person/Authorized Contact	Email Address
Mailing Address	Phone with area code
Principal Technical Contact	Email Address
Mailing Address	Phone with area code
Billing Contact	Email Address
Mailing Address	Phone with area code

As the responsible person for the new owner or operator of the above mentioned facility (permittee):

- I agree to not make any changes to the stationary source(s) that meet the definition of modification as defined in Division 1200-03 or Division 0400-30¹, and
- I agree to comply with the conditions contained in **the permits listed below**, Division 1200-03 and Division 0400-30 of the Tennessee Air Pollution Control Regulations, the Tennessee Air Quality Act, and any documented agreements made by the previous owner to the Technical Secretary.

List all active permits issued to the facility for which the owner wishes to assume ownership:

The information contained in this Notification is accurate and true to the best of my knowledge. As specified in Tennessee Code Annotated Section 39-16-702(a)(4), this declaration is made under penalty of perjury.

Signature		Date
Signer's name (print)	Title	Phone (with area code)

¹ Appropriate application forms must be submitted prior to modification of the stationary source(s).

Appendix 4: Startup Certification

Facility (Permittee): Koch Tenn, Inc

Facility ID: 32-0309

Startup Certification for Source Number:

The permittee shall certify the startup date for each new or modified air contaminant source regulated by construction permit 981992 by submitting this document

Date of startup: / /
Month Day Year

As the Responsible Person of the above mentioned facility (permittee), I certify that the information contained in this Startup Certification is accurate and true to the best of my knowledge. As specified in Tennessee Code Annotated Section 39-16-702(a)(4), this declaration is made under penalty of perjury.

Signature		Date
Signer's name (print)	Title	Phone (with area code)

Appendix 5: Fees

Not Applicable

Appendix 6: Emission Statement for VOC and NO_x

Not Applicable

Appendix 7: Agreement Letters

January 30, 2020

Mrs. Sarosh Kaiser
Division of Air Pollution Control
Tennessee Department of Environment & Conservation
William R. Snodgrass Tennessee Tower
312 Rosa L. Parks Avenue, 15th Floor
Nashville, TN 37243

Subject: Koch Tenn, Inc.
ESRN 32-0309
Construction Permit Application

Dear Mrs. Kaiser,

This letter contains a construction application for the Koch Tenn, Inc. facility in Whitesburg, TN (Koch Tenn)(Facility ID 32-0309). The subject facility intends to install an additional automatic spray coating booth as part of Emission Unit 02 (Wood Cabinet Finishing and Coating Operation) and increase its total production capacity. Potential emissions for the remaining emission units 03, 04, and the scuff sander (insignificant determination) are not impacted by this application.

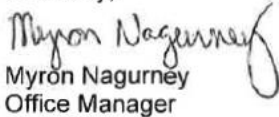
Currently, Koch Tenn operates under Conditional Major Operating Permit number 477305, and accepts limits on VOC and HAP. This construction application will increase the facilities potential emissions and make it a Major Source of VOCs and HAPs. Koch Tenn agrees to limit VOC emissions from the facility to 249 tons per year in accordance with TAPCR 1200-3-18-.02(2) to avoid PSD applicability. The requested 249 tpy VOC limit includes the total potential VOC emissions from Emission Unit 02 and from comfort heat.

Koch Tenn understands that as a Title V Wood Furniture Manufacturing facility it will be subject to 40 CFR 63 Subpart JJ, National Emission Standards for Wood Furniture Manufacturing Operations. The coating materials and quantities used at Koch Tenn have been reviewed, and they meet the requirements and limitations of this subpart. Koch Tenn also understands that as a major source of HAPs, the Source 04 Wood-Fired Boiler No. 2 will be subject to the regulations in the Boiler MACT for major sources (40 CFR 63 Subpart DDDDD).

The attached application has been prepared on Title V forms since the facility will be a Title V facility when construction is complete. The appropriate application pages and emission calculations are attached. A check for \$500 is being submitted via USPS for the construction application fee.

I hereby certify that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete. If you have any questions or comments on this letter or application, please contact me at (423) 235-4442 or my consultant, Shea Cofer, at (615) 418-1414.

Sincerely,


Myron Nagurney
Office Manager

Appendix 8: Example Log

Example daily filter inspection log for **Condition S1-4A**. A separate log should be maintained for each spray booth and each automatic spray machine.

LOG 1: Daily Filter Inspections Log							
JAN <input type="checkbox"/> FEB <input type="checkbox"/> MAR <input type="checkbox"/> APR <input type="checkbox"/> MAY <input type="checkbox"/> JUN <input type="checkbox"/> JUL <input type="checkbox"/> AUG <input type="checkbox"/> SEP <input type="checkbox"/> OCT <input type="checkbox"/> NOV <input type="checkbox"/> DEC <input type="checkbox"/>							
Day	Inspection Time	Filters in Place?		Filters Replaced?		Comments / Corrective Actions	Initials
		Yes	No	Yes	No		
1		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
2		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
3		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
4		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
5		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
6		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
7		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
8		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
9		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
10		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
11		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
12		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
13		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
14		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
15		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
16		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
17		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
18		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
19		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
20		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
21		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
22		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
23		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
24		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
25		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
26		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
27		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
28		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
29		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
30		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
31		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

Appendix 9: General Provisions for 40 CFR 63, Subpart JJ

You are required to comply with the following General Provisions of the federal National Emission Standards for Hazardous Air Pollutants (NESHAP):

Table 1 to Subpart JJ of Part 63—General Provisions Applicability to Subpart JJ

Reference	Applies to subpart JJ	Comment
§63.1(a)	Yes	
§63.1(b)(1)	No	Subpart JJ specifies applicability.
§63.1(b)(2)	Yes	
§63.1(b)(3)	Yes	
§63.1(c)(1)	No	Subpart JJ specifies applicability.
§63.1(c)(2)	No	Area sources are not subject to subpart JJ.
§63.1(c)(4)	Yes	
§63.1(c)(5)	Yes	
§63.1(e)	Yes	
§63.2	Yes	Additional terms are defined in 63.801(a) of subpart JJ. When overlap between subparts A and JJ occurs, subpart JJ takes precedence.
§63.3	Yes	Other units used in subpart JJ are defined in 63.801(b).
§63.4	Yes	
§63.5	Yes	
§63.6(a)	Yes	
§63.6(b)(1)	Yes	
§63.6(b)(2)	Yes	
§63.6(b)(3)	Yes	
§63.6(b)(4)	No	May apply when standards are proposed under Section 112(f) of the CAA.
§63.6(b)(5)	Yes	
§63.6(b)(7)	Yes	
§63.6(c)(1)	Yes	
§63.6(c)(2)	No	
§63.6(c)(5)	Yes	
§63.6(e)(1)(i)	No	See §63.802(c) for general duty requirement.
§63.6(e)(1)(ii)	No	
§63.6(e)(1)(iii)	Yes	
§63.6(e)(2)	No	Section reserved.
§63.6(e)(3)	No	
§63.6(f)(1)	No	Affected sources complying through the procedures specified in 63.804 (a)(1), (a)(2), (b), (c)(1), (d)(1), (d)(2), (e)(1), and (e)(2) are subject to the emission standards at all times, including periods of startup, shutdown, and malfunction.
§63.6(f)(2)	Yes	
§63.6(f)(3)	Yes	
§63.6(g)	Yes	
§63.6(h)	No	
§63.6 (i)(1)-(i)(3)	Yes	

Reference	Applies to subpart JJ	Comment
§63.6(i)(4)(i)	Yes	
§63.6(i)(4)(ii)	No	
§63.6 (i)(5)-	Yes	
§63.6(i)(16)	Yes	
§63.6(j)	Yes	
§63.7(a)-(d)	Yes	Applies only to affected sources using a control device to comply with the rule.
§63.7(e)(1)	No	See §63.805(a)(1).
§63.7(e)(2)-(e)(4)	Yes	Applies only to affected sources using a control device to comply with the rule.
§63.8(a)-(b)	Yes	Applies only to affected sources using a control device to comply with the rule.
§63.8(c)(1)(i)	No	
§63.8(c)(1)(ii)	Yes	Applies only to affected sources using a control device to comply with the rule.
§63.8(c)(1)(iii)	No	
§63.8(c)(2)-(d)(2)	Yes	Applies only to affected sources using a control device to comply with the rule.
§63.8(d)(3)	Yes, except for last sentence	Applies only to affected sources using a control device to comply with the rule.
§63.8(e)-(g)	Yes	Applies only to affected sources using a control device to comply with the rule.
§63.9(a)	Yes	
§63.9(b)	Yes	Existing sources are required to submit initial notification report within 270 days of the effective date.
§63.9(c)	Yes	
§63.9(d)	Yes	
§63.9(e)	Yes	Applies only to affected sources using a control device to comply with the rule.
§63.9(f)	No	
§63.9(g)	Yes	Applies only to affected sources using a control device to comply with the rule.
§63.9(h)	Yes	63.9(h)(2)(ii) applies only to affected sources using a control device to comply with the rule.
§63.9(i)	Yes	
§63.9(j)	Yes	
§63.10(a)	Yes	
§63.10(b)(1)	Yes	
§63.10(b)(2)(i)	No	
§63.10(b)(2)(ii)	No	See §63.806(k) for recordkeeping of occurrence and duration of malfunctions and recordkeeping of actions taken during malfunctions.
§63.10(b)(2)(iii)	Yes	Applies only to affected sources using a control device to comply with the rule.
§63.10(b)(2)(iv)-(b)(2)(v)	No	
§63.10(b)(2)(vi)-(b)(2)(xiv)	Yes	Applies only to affected sources using a control device to comply with the rule.
§63.10(b)(3)	Yes	
§63.10(c)(1)-(9)	Yes	
§63.10(c)(10)-(11)	No	See §63.806(k) for recordkeeping of malfunctions.
63.10(c)(12)-(14)	Yes	

Reference	Applies to subpart JJ	Comment
63.10(c)(15)	No	
63.10(d)(1)	Yes	
63.10(d)(2)	Yes	Applies only to affected sources using a control device to comply with the rule.
63.10(d)(3)	No	
63.10(d)(4)	Yes	
63.10(d)(5)	No	See §63.807(c)(3) for reporting of malfunctions.
63.10(e)	Yes	Applies only to affected sources using a control device to comply with the rule.
63.10(f)	Yes	
63.11	No	
63.12-63.15	Yes	

TAPCR 1200-03-09-.03(8)