

PUBLIC NOTICE

Schlage Lock Company, LLC dba Republic Doors and Frames, has applied to the Tennessee Air Pollution Control Division (TAPCD) for a federally enforceable state operating permit to opt out of being subject to the provisions of paragraph 1200-03-09-.02(11) of the Tennessee Air Pollution Control Regulations (also frequently referred to as Title V regulations). Schlage Lock Company, LLC dba Republic Doors and Frames has agreed to be bound by a permit that limits their potential to emit volatile organic compounds (VOC), such that they are below the applicability threshold for VOC of 100 tons per year. Schlage Lock Company, LLC dba Republic Doors and Frames has agreed to use record keeping methods to prove that they are abiding by more restrictive emission limits.

The applicant is Schlage Lock Company, LLC dba Republic Doors and Frames, with a site address of 155 Republic Drive, McKenzie, TN 38201. They seek to obtain a conditional major operating permit for their metal door and door frame manufacturing facility which consists of various surface coating operations. It should be noted that the company has a current Title V operating permit for this facility.

The TAPCD has made the determination that this facility can be approved to opt out of being subject to Title V regulations if certain conditions are met. A copy of the materials used by the TAPCD in making this determination and a copy of the draft permit are available electronically by accessing the Air Pollution Control Permits & Inspections Data Viewer located at:

<https://dataviewers.tdec.tn.gov/dataviewers/f?p=19031:34001>

These materials are available for public inspection during normal business hours at the following locations:

Jackson Environmental Field Office
1625 Hollywood Drive
Jackson, TN 38305

and

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

A copy of the draft/proposed permit is also available electronically by accessing the TDEC internet site located at:

<https://www.tn.gov/environment/ppo-public-participation/ppo-public-participation/ppo-air.html>

Questions concerning the source(s) may be addressed to Michael Vergamini at (615) 532-0068 or by e-mail at Michael.Vergamini@tn.gov.

Interested parties are invited to review these materials and comment. In addition, a public hearing may be requested at which written or oral presentations may be made. To be considered, written comments or requests for a public hearing must be received no later than 4:30 PM on February 7, 2024. To assure that written comments are received and addressed in a timely manner, written comments must be submitted using one of the following methods:

1. **Mail, private carrier, or hand delivery:** Address written comments to Ms. Michelle W. Owenby, Director, Division of Air Pollution Control, William R. Snodgrass Tennessee Tower, 312 Rosa L. Parks Avenue 15th Floor, Nashville, Tennessee 37243.
2. **E-mail:** Submit electronic comments to air.pollution.control@tn.gov.

A final determination will be made after weighing all relevant comments.

Individuals with disabilities who wish to review information maintained at the above-mentioned depositories should contact the Tennessee Department of Environment and Conservation to discuss any auxiliary aids or services needed to facilitate such review. Such contact may be in person, by writing, telephone, or other means, and should be made no less than ten days prior to the end of the public comment period to allow time to provide such aid or services. Contact the Tennessee Department of Environment and Conservation ADA Coordinator, William R. Snodgrass Tennessee Tower, 312 Rosa L. Parks Avenue 22 nd Floor, Nashville, TN 37243, 1-(866)-253-5827. Hearing impaired callers may use the Tennessee Relay Service, 1-(800)-848-0298.



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

PERMIT TO CONSTRUCT / MODIFY AND OPERATE AIR CONTAMINANT SOURCE(S)

Permit Number: 479610

DRAFT

Facility (Permittee): Schlage Lock Company, LLC dba Republic Doors and Frames

Facility ID: 40-0083

Facility Address: 155 Republic Drive, McKenzie
Henry County

Facility Classification: Conditional Major

Federal Requirements: None

Facility Description: Surface coating of door and door frame components

Conditional Major Permit 479610, consisting of 25 pages is hereby issued *****, 20**, 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 June 1, 2033. 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 Permit

FACILITY DESCRIPTION			
Source Number	Source Description	Status	Control Device/Equipment
01	Adhesive Application Operation	Existing	Exhaust Filters
02	Spray Coating Operation	Existing	Exhaust Filters
05	Metal Parts Dip Coating Operation	Existing	None

Section II – Permit Record

Permit Type	Description of Permit Action	Issue Date
Initial	Initial issuance of conditional major permit	XX/XX/2023

Section III - General Permit Conditions

G1. Responsible Person

The applications that were utilized in the preparation of this permit are dated November 11, 2021 (with update dated August 30, 2023), and November 20, 2023 (with additional information provided December 1, 2023), and are signed by Monte Bowers, Plant 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 being assigned as the Responsible Person. 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 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 	<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 report
Division of Air Pollution Control William R. Snodgrass TN Tower, 15 th Floor 312 Rosa L. Parks Avenue Nashville, TN 37243 Air.Pollution.Control@tn.gov		Jackson Environmental Field Office Division of Air Pollution Control 1625 Hollywood Drive Jackson, TN 38305 APC.JackEFO@tn.gov

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)

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

G6. Operating Permit Application Submittal

- A. The permittee shall apply for an operating permit renewal not less than 60 days prior to the permit’s expiration date.

TAPCR 1200-03-09-.02(3)(a)

- B. Operation of each air contaminant source shall be in accordance with the provisions and stipulations set forth in this permit, all provisions of the Tennessee Division of Air Pollution Control Regulations, and all provisions of the Tennessee Air Quality Act.

TAPCR 1200-03-09-.02(6)

G7. Startup Certification for New or Modified Source(s)

Not Applicable

G8. Fees

The air contaminant source(s) identified in this permit shall comply with the requirements for payment of applicable annual emission fees and annual conditional major review fees to the Tennessee Division of Air Pollution Control based on the Administrative Fees Schedule I provided in Appendix 5 of this permit. The fee must be paid to the Division in full by the first day of the month that the fee is due (determined from Appendix 5). (Note: not all facilities are required to pay annual emission fees)

TAPCR 1200-03-26-.02

G9. 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 thirty 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 or as required in this permit. 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)

G10. 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.

G11. 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 stock piles, 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.

G12. NSPS/NESHAP/MACT/GACT Standards

Not Applicable

G13. VOC and NO_x Emission Statement

Not Applicable

G14. Facility-wide Limitations (Other Than Conditional Major)

Not Applicable

G15. Permit Supersedes Statement

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

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

G16. Source Testing Requirements

Not Applicable

G17. The as-supplied volatile organic compound (VOC) and hazardous air pollutant (HAP) content of all VOC and HAP-containing materials (all coatings, inks, adhesives, thinners, and solvents) to be used by this facility 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 G9**. Scanned documents (maintained electronically) may be used to fulfill this requirement.

G18. At the time of application, the potential to emit HAP from this facility was less than the major source applicability thresholds of 10 tons per year of a single HAP and less than 25 tons per year of a combination of HAP. The permittee must apply for and receive a construction permit in accordance with the procedures in Chapter 1200-03-09 of the Tennessee Air Pollution Control Regulations (TAPCR) prior to making any changes such that the potential to emit hazardous air pollutants from the facility will exceed these thresholds.

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

Section IV – Federal and/or State Only Requirements

F1. TAPCR 1200-03-18-.20 Requirements

F1-1. This facility is subject to and shall comply with all applicable requirements of TAPCR 1200-03-18-.20 - *Coating of Miscellaneous Metal Parts*. This rule applies to any miscellaneous metal parts and products coating line within the facility.

TAPCR 1200-03-18-.01 and 1200-03-18-.20(1)

F1-2. The permittee shall not cause or allow the application of any coating on a miscellaneous metal parts and products coating line with VOC content in excess of the following emission limits excluding water and/or exempt compounds, as applied, on a monthly average basis.

Coating Type	lb/gal
High performance architectural coating	6.2
Clear coating	4.3
Air-dried coating	3.5
Extreme performance coating	3.5
All other coatings	3.0

TAPCR 1200-03-18-.20(3) and (4), 1200-03-18-.02(9)

Compliance Method: The permittee shall use only coatings with a VOC content less than the applicable value listed above or calculate the monthly average mass of VOC/gallon, excluding water and/or exempt compounds, as applied, emitted during each calendar month from all coatings applied, and maintain records of these emissions. If complying by use of coatings with a VOC content less than the values listed above, the permittee must maintain a log that clearly identifies the coating type and VOC content, excluding water and/or exempt compounds, as applied, of each coating used. Calculations to demonstrate compliance with the monthly weighted average shall be maintained in a log that contains the following information for all input materials subject to Rule 20 used during each month.

- (a) Monthly usage, material density, and VOC content of each input material;
- (b) Monthly weighted average emissions in lb VOC/gallon, excluding water and/or exempt compounds, as applied.

This log must be maintained at the source location and kept available for inspection by the Technical Secretary or a Division representative. These records shall be retained in accordance with **Condition G9**.

F2. 40 CFR 63, Subpart HHHHHH

- F2-1.** The permittee is placed on notice that coating operations located at an area source of hazardous air pollutants (HAP) that perform spray application of coatings that contain compounds of any target HAP, as defined in 40 CFR §63.11180, to a plastic and/or metal substrate on a part or product, except spray coating applications that meet the definition of facility maintenance or space vehicle in 40 CFR §63.11180, are subject to 40 CFR Part 63, Subpart HHHHHH - National Emission Standards for Hazardous Air Pollutants: Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources. The SDS for the coatings declared for use at the time of application did not indicate the presence of any target HAP. Use of a spray-applied coating that contains compounds of one or more target HAP will subject the facility to all applicable requirements of Subpart HHHHHH upon first use of such material, including the initial notification requirements of §63.11175. Additionally, the facility must apply for and receive a construction permit pursuant to TAPCR 1200-03-09-.01(1) prior to use of the coating.

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

Section IV – Conditional Major Conditions

C1. Major Source Opt-Out Requirements

The permittee has elected to opt-out of being issued a major source operating permit pursuant to TAPCR 1200-03-09-.02(11)(a). The permittee would be considered a major source because their potential to emit value for Volatile Organic Compounds (VOCs) was greater than 100 tons per year at the time of application. The permittee has agreed to be subject to limitations in order to be below the major source applicability threshold for VOCs of 100 tons per year.

TAPCR 1200-03-09-.02(11)(a)

C2. Notification of Non-Compliance

Any non-compliance with any condition(s) of this permit set to restrain the potential to emit below the applicability threshold(s) of 1200-03-09-.02(11) of the Tennessee Air Pollution Control Regulations, shall be reported in writing to the Technical Secretary within 15 working days of such discovery. This notification, at a minimum, shall include the identification of the source, identification of the permit condition(s) violated, and details of the violation.

TAPCR 1200-03-09-.03(8) and 1200-03-09-.02(11)(a)

C3. Failure to Abide by Conditional Major Emission Limit(s)

The permittee is placed on notice that **Condition C4** of this permit contain(s) limitations that allow the permittee to opt-out of the major source operating permit program requirements specified in paragraph 1200-03-09-.02(11) of the Tennessee Air Pollution Control Regulations. Failure to abide by these limits will not only subject the permittee to enforcement action by the State of Tennessee, but it may also result in the imposition of federal enforcement action by the United States Environmental Protection Agency and the loss of being federally recognized as a conditional major source.

TAPCR 1200-03-09-.02(11)(e)1(vi)(I)

C4. Conditional Major Emission Limit(s)

Emissions from the entire facility shall not exceed the following federally enforceable maximum emission rate(s), including emissions from exempt and insignificant emission units:

Pollutant(s)	Maximum Emission Rate(s) (tons during any period of 12 consecutive months)
Volatile Organic Compounds (VOC)	75.0

TAPCR 1200-03-09-.02(11)(a) and the permittee’s agreement letter(s) dated October 18, 2023 (Appendix 8)

Compliance Method: The permittee shall calculate actual quantities of VOC, each individual HAP, and total HAP emitted from the facility during each period of 12 consecutive months, including emissions from exempt and insignificant activities. Records of these emissions shall be maintained in a form that readily shows compliance with this condition (see Appendix 9 for an example log or use a similar log that provides the same information). All data, including all required calculations, shall be entered in the log and maintained according to **Condition G9**.

At the time of permit issuance, the maximum VOC emissions rate from all exempt and insignificant activities/emission units was 3.63 tons per year. In lieu of calculating actual emissions of VOC from exempt and insignificant activities/emission units, this value may be added to the VOC totals for each 12 consecutive month period.

If the facility adds insignificant or exempt activities/emission units that emit VOCs, the permittee shall provide notification to the Division of the change in facility VOC emissions at least 30 days prior to the installation of each insignificant activity/emission unit [TAPCR 1200-03-09-.04(4)(a)] or at least 30 days prior to the installation of each exempt air contaminant source [TAPCR 1200-03-09-.04(4)(b), (c), or (d)].

C5. Annual Compliance Status Report

The permittee shall submit a written report stating the compliance status of this facility with permit **Condition C4** by March 31 of every year. The report shall cover the preceding calendar year and shall include the records required by **Conditions C4 and S1-4**. The first report following issuance of this permit is due March 31, 2025, and shall cover the time period from the date of issuance of this permit to December 31, 2024. The report must include the compliance certification statement included in Appendix 7. Reports submitted with unsigned certification statements will be deemed incomplete.

TAPCR 1200-03-09-.03(8), 1200-03-09-.02(11)(a), and 1200-03-10-.02(2)(a)

C6. Final Title V Reports

The permittee shall submit a final Title V semiannual report and annual compliance certification as required by **Condition E2(a) and (b)** of Permit **571108**. The final reports shall cover the reporting period beginning on the date specified below and ending on the issuance date of this permit. The reports shall be submitted within 60 days of the issuance date of this permit and shall include the records specified in **Condition E2(a) and (b)** of Permit **571108**. The reports shall be certified by a responsible official and submitted to the Technical Secretary at the Environmental Field Office address specified in **Condition G3**. The annual compliance certification shall also be submitted to the U.S. EPA at the address provided in **Condition E2(b)** of Permit **571108**.

Report Type	Reporting Period Begins	Reporting Period Ends	Report Due Date
Semiannual Report	January 1, 2024	<issuance date>	<60d + issuance date>
Annual Compliance Certification	January 1, 2024	<issuance date>	<60d + issuance date>

TAPCR 1200-03-09-.02(11)(e)1(iii), 1200-03-09-.02(11)(e)3(v), and 40 CFR Part 70.6(c)(5)(iii) as amended in the Federal Register Vol. 79, No. 144, July 28, 2014, pages 43661 through 43667

Section V - Source Specific Permit Conditions

Source Number	Source Description
01	<p>Adhesive Application Operation: Adhesive application takes place on two separate adhesive coating lines; one water-based roll coating line, and one solvent-based spray coating line. The spray coating line is controlled by exhaust filters. This source includes a sheet washing unit with natural gas-fired tank heaters (combined heat input rating of 4.075 MMBtu/hour), a second sheet washing unit with natural gas-fired tank heater (2.0 MMBtu/hour), and one natural gas-fired dry-off oven (2.5 MMBtu/hour). An electric UV oven cures parts coated at this source.</p> <p>TAPCR 1200-03-18-.20 applies to this source.</p>

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

A. The design heat input rates of the associated natural gas-fired emission units are shown in the table below:

Emission Unit	Heat Input (MMBtu/hr)
Sheet Washer 1 Tank Heaters	4.075
Sheet Washer 2 Tank Heater	2.0
Sheet Washer 2 Dry-off Oven	2.5

Should the permittee need to modify this source in a manner that increases the maximum design heat input rate of any of these components, a construction permit shall be applied for and received in accordance with TAPCR 1200-03-09-.01 prior to making the change.

TAPCR 1200-03-09-.03(8) and the applications dated November 1, 2021, and November 20, 2023.

Compliance Method: The permittee shall maintain documentation to demonstrate the design heat input rate for each emission unit. Documentation shall include, but is not limited to, manufacturer’s specifications, purchase records, operating manuals, or a tag affixed to the unit by the manufacturer. These documents shall be kept readily available/accessible and made available upon request by the Technical Secretary or a Division representative.

B. Only natural gas shall be used as fuel for this source. Should the permittee need to modify the associated natural gas-fired emission units to allow the use of a fuel other than natural gas, a construction permit shall first be applied for and received in accordance with TAPCR 1200-03-09-.01 prior to making the change.

TAPCR 1200-03-09-.03(8) and the applications dated November 1, 2021, and November 20, 2023

Compliance Method: The permittee shall maintain documentation of the fuel type used at this source. Documentation shall include, but is not limited to, manufacturer’s specifications, purchase records, operating manuals, or a tag affixed to the unit by the manufacturer. These documents shall be kept readily available/accessible and made available upon request by the Technical Secretary or a Division Representative.

S1-2. Production Limitation(s)

Not Applicable

S1-3. Operating Hour Limitation(s)

Not Applicable

S1-4. Emission Limitation(s)

- A. Particulate matter (PM) emitted from this source shall not exceed 0.02 grains per dry standard cubic foot (5.1 pounds per hour) on a daily average basis.

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

Compliance Method: The permittee shall maintain exhaust filters on the solvent-based spray coating line for emission control. The spray booth exhaust filters shall be in place and functioning whenever the associated spray booth is in operation. The filters controlling the spray booths shall be inspected on a daily basis, before each spray booth is operated, and filters shall be replaced as necessary. A record of the daily inspections and filter replacements shall be maintained onsite and kept available for inspection by the Technical Secretary or a Division representative (see example log in Appendix 9). Days when the process is not operating shall be noted in the log. The logs shall be retained in accordance with **Condition G9**.

- B. Volatile organic compounds (VOC) emitted from this source, when combined with VOC emissions from all other sources at this facility, including exempt and insignificant emission units, shall not exceed the facility-wide limit specified in **Condition C4**.

TAPCR 1200-03-09-.02(11)(a) and the agreement letter dated October 18, 2023 (Appendix 8)

Compliance Method: The permittee shall calculate the actual quantity of VOC, each individual HAP, and total HAP emitted from this source during each calendar month and maintain records of these emissions in a log (see Appendix 9 for an example log or use a similar log that provides the same information). All data, including all required calculations, shall be entered in the log and maintained in accordance with **Condition G9**. Monthly VOC emissions from this source shall be included in the recordkeeping required by **Condition C4**.

- C. Emissions from the combustion of natural gas in the associated natural gas-fired emission units have been estimated using emission factors from AP-42 Tables 1.4-1 and 1.4-2 and are shown in the table below. In lieu of calculating actual emissions of VOC from the combustion of natural gas in this source, the permittee may add the amount below to the 12 consecutive month total in **Condition C4**. These emission estimates are for fee and compliance purposes.

Pollutant	Emission Factor (lb/10 ⁶ ft ³ of natural gas)	Tons per year
PM	7.6	0.29
VOC	5.5	0.21
CO	84	3.15
SO ₂	0.6	0.02
NO _x	100	3.76

TAPCR 1200-03-09-.02(11)(a) and 1200-03-26-.02(2)(d)3

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

Not Applicable

Source Number	Source Description
02	<p>Surface Coating Operation: Surface coating takes place in two automated paint spray booths and one manual touch-up paint spray booth. All booths are equipped with exhaust filters. This source includes a natural gas-fired curing oven (0.175 MMBtu/hour).</p> <p>TAPCR 1200-03-18-.20 applies to this source.</p>

S2-1. Input Limitation(s) or Statement(s) of Design

- A. The design heat input rates of the associated natural gas-fired emission units are shown in the table below:

Emission Unit	Heat Input (MMBtu/hr)
Spray Line Curing Oven	0.175

Should the permittee need to modify this source in a manner that increases the maximum design heat input rate of any of these components, a construction permit shall be applied for and received in accordance with TAPCR 1200-03-09-.01 prior to making the change.

TAPCR 1200-03-09-.03(8) and the application dated November 1, 2021

Compliance Method: The permittee shall maintain documentation to demonstrate the design heat input rate for each emission unit. Documentation shall include, but is not limited to, manufacturer’s specifications, purchase records, operating manuals, or a tag affixed to the unit by the manufacturer. These documents shall be kept readily available/accessible and made available upon request by the Technical Secretary or a Division representative.

- B. Only natural gas shall be used as fuel for this source. Should the permittee need to modify the associated natural gas-fired emission units to allow the use of a fuel other than natural gas, a construction permit shall first be applied for and received in accordance with TAPCR 1200-03-09-.01 prior to making the change.

TAPCR 1200-03-09-.03(8), and the application dated November 1, 2021

Compliance Method: The permittee shall maintain documentation of the fuel type used at this source. Documentation shall include, but is not limited to, manufacturer’s specifications, purchase records, operating manuals, or a tag affixed to the unit by the manufacturer. These documents shall be kept readily available/accessible and made available upon request by the Technical Secretary or a Division Representative.

S2-2. Production Limitation(s)

Not Applicable

S2-3. Operating Hour Limitation(s)

Not Applicable

S2-4. Emission Limitation(s)

- A. PM emitted from this source shall not exceed 0.02 grains per dry standard cubic foot (2.2 pounds per hour) on a daily average basis.

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

Compliance Method: The permittee shall maintain exhaust filters on each spray booth for emission control. The spray booth exhaust filters shall be in place and functioning whenever the associated spray booth is in operation. The filters controlling the spray booths shall be inspected on a daily basis, before each spray booth is operated, and filters shall be replaced as necessary. A record of the daily inspections and filter replacements shall be maintained onsite and kept available for inspection by the Technical Secretary or a Division representative (see example log in Appendix 9). Days when the process is not operating shall be noted in the log. The logs shall be retained in accordance with **Condition G9**.

- B. VOC emitted from this source, when combined with VOC emissions from all other sources at this facility, including exempt and insignificant emission units, shall not exceed the facility-wide limit specified in **Condition C4**.

TAPCR 1200-03-09-.02(11)(a) and the agreement letter dated October 18, 2023 (Appendix 8)

Compliance Method: The permittee shall calculate the actual quantity of VOC, each individual HAP, and total HAP emitted from this source during each calendar month and maintain records of these emissions in a log (see Appendix 9 for an example log or use a similar log that provides the same information). All data, including all required calculations, shall be entered in the log and maintained in accordance with **Condition G9**. Monthly VOC emissions from this source shall be included in the recordkeeping required by **Condition C4**.

- C. Emissions from the combustion of natural gas in the associated natural gas-fired emission units have been estimated using emission factors from AP-42 Tables 1.4-1 and 1.4-2 and are shown in the table below. In lieu of calculating actual emissions of VOC from the combustion of natural gas in this source, the permittee may add the amount below to the 12 consecutive month total in **Condition C4**. These emission estimates are for fee and compliance purposes.

Pollutant	Emission Factor (lb/10 ⁶ ft ³ of natural gas)	Tons per year
PM	7.6	0.01
VOC	5.5	0.004
CO	84	0.06
SO ₂	0.6	0.0005
NO _x	100	0.08

TAPCR 1200-03-09-.02(11)(a) and 1200-03-26-.02(2)(d)3

S2-5. Source-Specific Visible Emissions Limitation(s)

Not Applicable

Source Number	Source Description
05	<p>Metal Parts Dip Coating Operation: This operation includes a frame washing process followed by a dip coating process. Metal frames and frame parts are conveyed through a wash booth and two tanks of cleaner/coater, each heated by a 3.0 MMBtu/hour burner (6.0 MMBtu/hour, total). Following the washing process, the frames and components are conveyed to the dip tank for coating. The coated frames and components are conveyed through a natural gas-fired curing oven (0.175 MMBTU/hour).</p> <p>TAPCR 1200-03-18-.20 applies to this source.</p>

S3-1. Input Limitation(s) or Statement(s) of Design

A. The design heat input rates of the associated natural gas-fired process units are shown in the table below:

Emission Unit	Heat Input (MMBtu/hr)
Frame Washer/Tanks	6.0
Dip Coat Curing Oven	0.175

Should the permittee need to modify this source in a manner that increases the maximum design heat input rate of any of these components, a construction permit shall be applied for and received in accordance with TAPCR 1200-03-09-.01 prior to making the change.

TAPCR 1200-03-09-.03(8) and the application dated November 1, 2021

Compliance Method: The permittee shall maintain documentation to demonstrate the heat input rate for each emission unit. Documentation shall include, but is not limited to, manufacturer’s specifications, purchase records, operating manuals, or a tag affixed to the unit by the manufacturer. These documents shall be kept readily available/accessible and made available upon request by the Technical Secretary or a Division representative.

B. Only natural gas shall be used as fuel for this source. Should the permittee need to modify the associated natural gas-fired emission units to allow the use of a fuel other than natural gas, a construction permit shall first be applied for and received in accordance with TAPCR 1200-03-09-.01 prior to making the change.

TAPCR 1200-03-09-.03(8), and the application dated November 1, 2021.

Compliance Method: The permittee shall maintain documentation of the fuel type used at this source. Documentation shall include, but is not limited to, manufacturer’s specifications, purchase records, operating manuals, or a tag affixed to the unit by the manufacturer. These documents shall be kept readily available/accessible and made available upon request by the Technical Secretary or a Division Representative.

S3-2. Production Limitation(s)

Not Applicable

S3-3. Operating Hour Limitation(s)

Not Applicable

S3-4. Emission Limitation(s)

- A. VOC emitted from this source, when combined with VOC emissions from all other sources at this facility, including exempt and insignificant emission units, shall not exceed the facility-wide limit specified in **Condition C4**.

TAPCR 1200-03-09-.02(11)(a) and the agreement letter dated October 18, 2023 (Appendix 8)

Compliance Method: The permittee shall calculate the actual quantity of VOC, each individual HAP, and total HAP emitted from this source during each calendar month and maintain records of these emissions in a log (see Appendix 9 for an example log or use a similar log that provides the same information). All data, including all required calculations, shall be entered in the log and maintained in accordance with **Condition G9**. Monthly VOC emissions from this source shall be included in the recordkeeping required by **Condition C4**.

- B. Emissions from the combustion of natural gas in the associated natural gas-fired emission units have been estimated using emission factors from AP-42 Tables 1.4-1 and 1.4-2 and are shown in the table below. In lieu of calculating actual emissions of VOC from the combustion of natural gas in this source, the permittee may add the amount below to the 12 consecutive month total in **Condition C4**. These emission estimates are for fee and compliance purposes.

Pollutant	Emission Factor (lb/10 ⁶ ft ³ of natural gas)	Tons per year
PM	7.6	0.21
VOC	5.5	0.15
CO	84	2.27
SO ₂	0.6	0.02
NO _x	100	2.70

TAPCR 1200-03-09-.02(11)(a) and 1200-03-26-.02(2)(d)3

S3-5. Source-Specific Visible Emissions Limitation(s)

Not Applicable

(end of conditions)

The permit application gives the location of this source as 36° 9' 21.0" Latitude and 88° 30' 33.3" Longitude.

Appendix 1: Notification of Change in Responsible Person

Facility (Permittee): Schlage Lock Company, LLC dba Republic Doors and Frames

Facility ID: 40-0083

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: _____

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): Schlage Lock Company, LLC dba Republic Doors and Frames

Facility ID: 40-0083

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): Schlage Lock Company, LLC dba Republic Doors and Frames (Previous Owner)

Facility ID: 40-0083

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

Not Applicable

Appendix 5: Fees

All minor and conditional major source annual emission fees are due and payable to the Division in full according to SCHEDULE I below². The county that a source is located in determines when the minor source annual emission fee is due. Fees are due the first day of the month listed. If a source is located on contiguous property in more than one county, the county appearing earliest in the calendar year shall be used to determine the due date of the annual emission fee.

SCHEDULE I
 Month the Annual Emissions Fee is Due (Accounting Period)
 Counties in the Monthly Grouping

January	Anderson, Bedford, Benton, Bledsoe, Blount, Bradley and Campbell
February	Cannon, Carroll, Carter, Cheatham, Chester, Claiborne, Clay and Cocke
March	Coffee, Crockett, Cumberland, Davidson, Decatur, DeKalb, Dickson, Dyer and Fayette
April	Fentress, Franklin, Gibson, Giles, Grainger, Greene and Grundy
May	Hamblen, Hamilton, Hancock, Hardeman, Hardin, Hawkins, Haywood and Henderson
June	Henry, Hickman, Houston, Humphreys, Jackson, Jefferson, Johnson, Knox, Lake, Lauderdale, Lawrence and Lewis
July	Lincoln, Loudon, McMinn, McNairy, Macon and Madison
August	Marion, Marshall, Maury, Meigs, Monroe, Montgomery, Moore and Morgan
September	Obion, Overton, Perry, Pickett, Polk, Putnam and Rhea
October	Roane, Robertson, Rutherford, Scott, Sequatchie, Sevier, and Shelby
November	Smith, Stewart, Sullivan, Sumner, Tipton, Trousdale, Unicoi and Union
December	Van Buren, Warren, Washington, Wayne, Weakley, White, Williamson and Wilson

² Note that some sources with allowable emissions below specific thresholds are not subject to the requirement to pay annual emission fees. Contact the Emission Inventory Program at apc.inventory@tn.gov if you have any questions.

Appendix 6: Emission Statement for VOC and NO_x

Not Applicable

Appendix 7: Compliance Certification Statement

Facility (Permittee): Schlage Lock Company, LLC dba Republic Doors and Frames

Facility Address: _____

Facility ID: 40-0083

Conditional Major Permit Number	Reporting Period	Report Deadline

This report is required pursuant to TAPCR 1200-03-09-.02(11)(a).

Responsible Person Certification

I, the undersigned, am a Responsible Person (as described in **Condition G1**) of the facility for which this report is being submitted. This document consists of _____ pages and they are numbered from page ____ to _____. As a Responsible Person of the above mentioned facility (permittee), I certify that the information contained in this Annual Compliance Status Report 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 8: Agreement Letters

October 18, 2023

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

RE: Permit Agreement Letter
Schlage Lock Company, LLC dba Republic Doors and Frames
155 Republic Drive, McKenzie, Henry County, TN
Emission Source Reference No. APC Facility ID # 40-0083
Permit No. 479610

Dear Technical Secretary:

On behalf of Schlage Lock Company, LLC dba Republic Doors and Frames, the following limitations are agreed upon for the above referenced facility:

- Emissions from the entire facility shall not exceed the following federally enforceable maximum emission rate including emissions from exempt and insignificant emission units:
 - VOC – 75⁰ tons per 12 consecutive months

Schlage Lock Company, LLC dba Republic Doors and Frames, shall assure compliance with this limitation by monitoring and recording VOC emissions monthly in accordance with conditions in the permit.

Should you have any questions or require additional information, please contact Monte Bowers via phone at (731)352-1969 or via e-mail at monte.bowers@allegion.com.

On behalf of Schlage Lock Company, LLC dba Republic Doors and Frames, I agree to the above limitations. I am authorized to represent and bind the facility in environmental affairs.

Sincerely,



Monte Bowers
Plant Manager

Appendix 9: Example Logs

The following log is provided as an example to demonstrate compliance with **Condition S1-4A and Condition S2-4A**. A separate log shall be prepared for each spray booth.

20** Daily Exhaust Filter Inspection Log for Sources 40-0083-01 and -02									
Spray Booth ID:									
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"/>									
1 st Shift <input type="checkbox"/> Shift Start Time: _____ Shift End Time: _____ 2 nd Shift <input type="checkbox"/> Shift Start Time: _____ Shift End Time: _____ 3 rd Shift <input type="checkbox"/> Shift Start Time: _____ Shift End Time: _____									
Day	Reading Time	Paint Booth operating?		Exhaust Filter in place?		Exhaust Filter intact?		Comments / Corrective Actions	Initials
		Yes	No	Yes	No	Yes	No		
1		<input type="checkbox"/>	<input type="checkbox"/>	<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"/>	<input type="checkbox"/>	<input type="checkbox"/>		
3		<input type="checkbox"/>	<input type="checkbox"/>	<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"/>	<input type="checkbox"/>	<input type="checkbox"/>		
5		<input type="checkbox"/>	<input type="checkbox"/>	<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"/>	<input type="checkbox"/>	<input type="checkbox"/>		
7		<input type="checkbox"/>	<input type="checkbox"/>	<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"/>	<input type="checkbox"/>	<input type="checkbox"/>		
9		<input type="checkbox"/>	<input type="checkbox"/>	<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"/>	<input type="checkbox"/>	<input type="checkbox"/>		
11		<input type="checkbox"/>	<input type="checkbox"/>	<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"/>	<input type="checkbox"/>	<input type="checkbox"/>		
13		<input type="checkbox"/>	<input type="checkbox"/>	<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"/>	<input type="checkbox"/>	<input type="checkbox"/>		
15		<input type="checkbox"/>	<input type="checkbox"/>	<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"/>	<input type="checkbox"/>	<input type="checkbox"/>		
17		<input type="checkbox"/>	<input type="checkbox"/>	<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"/>	<input type="checkbox"/>	<input type="checkbox"/>		
19		<input type="checkbox"/>	<input type="checkbox"/>	<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"/>	<input type="checkbox"/>	<input type="checkbox"/>		
21		<input type="checkbox"/>	<input type="checkbox"/>	<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"/>	<input type="checkbox"/>	<input type="checkbox"/>		
23		<input type="checkbox"/>	<input type="checkbox"/>	<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"/>	<input type="checkbox"/>	<input type="checkbox"/>		
25		<input type="checkbox"/>	<input type="checkbox"/>	<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"/>	<input type="checkbox"/>	<input type="checkbox"/>		
27		<input type="checkbox"/>	<input type="checkbox"/>	<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"/>	<input type="checkbox"/>	<input type="checkbox"/>		
29		<input type="checkbox"/>	<input type="checkbox"/>	<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"/>	<input type="checkbox"/>	<input type="checkbox"/>		
31		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

Example log to comply with **Conditions S1-4B, S2-4B, S3-4A, and S4-4B**. Coating use for the surface coating operations may be tracked separately or together.

Monthly VOC/HAP Emissions Log								
Month/Year:				Emission Source ¹ :				
Material Name	Usage (gal/month)	VOC Content (lbs/gal)	VOC Emissions (tons/month)	HAP ₁ Content (lbs/gal)	HAP ₁ Emissions (tons/month)	HAP _n Content (lbs/gal)	HAP _n Emissions (tons/month)	Total HAP Emissions (tons/month)
TOTAL								

1. If emissions from multiple emission sources are tracked together, list each emission source here.
2. The columns for individual HAP should be repeated for each HAP contained in the materials used. Monthly emissions shall be calculated for each individual HAP. Identify each HAP by name and/or CAS# in the appropriate column headings.

Example log to comply with **Condition C4**. Coating use for the surface coating operations may be tracked separately or together.

Facility-Wide Monthly VOC/HAP Emission Log				
Month/Year:	Emissions (tons/month)			
Emission Source	VOC	HAP ₁	HAP _n	Total HAP
40-0083-01				
40-0083-02				
40-0083-05				
40-0083-06				
Exempt/Insignificant Activities				
Totals:				

Note: The columns for individual HAP should be repeated for each HAP emitted. Monthly emissions shall be included for each individual HAP. Identify each HAP by name and/or CAS# in the appropriate column headings.

12 Consecutive Month VOC/HAP Emission Log								
Month, Year	VOC Emissions (tons/month)	VOC Emissions (tons/12 months) ¹	HAP ₁ Emissions (tons/month)	HAP ₁ Emissions (tons/12 months) ¹	HAP _n Emissions (tons/month)	HAP _n Emissions (tons/12 months) ¹	Total HAP Emissions (tons/month)	Total HAP Emissions (tons/12 months) ¹

1. The tons per 12 month value is the sum of the VOC (or HAP) emissions in the 11 months preceding the month just completed + the VOC (or HAP) emissions in the month just completed.

CURRENT EMISSIONS REQUIREMENTS AND EMISSION SUMMARY

COMPANY NAME: Schlage Lock Company, LLC dba Republic Doors and Frames

1. EMISSION SOURCE REFERENCE NUMBER: 40-0083

NONATTAINMENT: ATTAINMENT: X 2. LOG NUMBERS: 79610

3A. PERMIT STATUS: NEW RENEWAL X RELOCATION

3B. PREVIOUS PERMIT NUMBER: CONSTRUCTION: OPERATING: 571108

4. IDENTIFY IF ONLY A PART OF THE SOURCE IS SUBJECT TO THIS REQUIREMENT	5. POLLUTANT	6. APPLICABLE REQUIREMENT(S): TN AIR POLLUTION CONTROL REGULATIONS, 40 CFR, PERMIT RESTRICTIONS, AIR QUALITY BASED STANDARDS	7. LIMITATION	8. MAXIMUM ACTUAL EMISSIONS			9. MAXIMUM ALLOWABLE EMISSIONS	
				IN UNITS OF ITEM 7	POUNDS / HOUR	TONS / YEAR	POUNDS / HOUR	TONS / YEAR
Facility-wide	VOC	TAPCR 1200-03-09-.02(11)(a)						75.0
Source 01, surface coating	PM	TAPCR 1200-03-07-.04(1)	0.02 gr/dscf			0.75	5.1	22.3
	VOC	TAPCR 1200-03-09-.02(11)(a)				33.63		
	Individual HAP					0.99		
	Total HAPs					2.6		
Source 01, NG combustion	PM	TAPCR 1200-03-26-.02(2)(d)3			0.07	0.29		
	SO ₂	TAPCR 1200-03-26-.02(2)(d)3			0.01	0.02		
	NO _x	TAPCR 1200-03-26-.02(2)(d)3			0.86	3.76		
	CO				0.72	3.15		
	VOC	TAPCR 1200-03-09-.02(11)(a)			0.05	0.21		
Source 02, surface coating	PM	TAPCR 1200-03-07-.04(1)	0.02 gr/dscf			0.2	2.2	9.6
	VOC					28.75		
Source 02, NG combustion	PM	TAPCR 1200-03-26-.02(2)(d)3			0.001	0.01		
	SO ₂	TAPCR 1200-03-26-.02(2)(d)3			0.0001	0.0005		
	NO _x	TAPCR 1200-03-26-.02(2)(d)3			0.02	0.08		
	CO				0.01	0.06		
	VOC	TAPCR 1200-03-09-.02(11)(a)			0.001	0.004		
Source 05, surface coating	VOC	TAPCR 1200-03-09-.02(11)(a)				49.80		
Source 05, NG combustion	PM	TAPCR 1200-03-26-.02(2)(d)3			0.05	0.21		
	SO ₂	TAPCR 1200-03-26-.02(2)(d)3			0.004	0.02		
	NO _x	TAPCR 1200-03-26-.02(2)(d)3			0.62	2.70		
	CO				0.52	2.27		
	VOC	TAPCR 1200-03-09-.02(11)(a)			0.03	0.15		
Facility unless otherwise noted	Opacity	1200-03-05-.01(1) & 1200-03-05-.03(6)	20%	SOURCE OF DATA FOR EMISSIONS IN ITEM 8: Applications dated 11/21/2021, 8/30/2023, and 11/20/2023; additional information received 10/10/2023 and 12/01/2023				

dscf = dry standard cubic foot
dscm = dry standard cubic meter
gr = grain

PERMIT WRITER: MFV DATE: 1/4/2024

CONDITIONAL MAJOR PERMIT SUMMARY REPORT

Company Name: Schlage Lock Company, LLC dba Republic Doors and Frames File Number: 40-0083 Permit Writer Initials: MFV
Permit Number(s): 479610 Source Point Number(s): 02, 03, and 05
Application Received (date): 11/21/2021 Application Complete (date): 11/21/2021
Public Notice Date: Public Hearing Date:

Briefly describe the facility and conditional major history (the pollutants for which they are major, whether CM through construction or if they went through the T5 public participation process)

This facility has requested to opt-out of Title V applicability per TAPCR 1200-03-09-.02(11)(a). The facility has the potential to emit greater than 100 tons per year of VOC but has agreed to limit their potential emissions of VOC such that they are below the major source threshold.

The aerosol touch operation (Source 06) was previously permitted with a VOC limit of 2.76 tons per year. The application dated November 11, 2021, provided calculations demonstrating that the aerosol touchup operation has the potential to emit 6.77 tons of VOC per year.

The facility filed an insignificant source determination request on November 20, 2023, with additional information on December 1, 2023. This includes a new prewash station and dry-off oven, and a process flow diagram.

This facility is subject to TAPCR 1200-03-18-.20 – Coating of Miscellaneous Metal Parts. Each miscellaneous metal parts and products coating line at this facility is subject to the emission standards specified in TAPCR 1200-03-18-.20(3).

This source includes three surface coating operations, with associated natural gas-fired wash tank heaters and curing ovens. This source is not a source of metal HAPs subject to 40 CFR 63, Subpart HHHHHH.

Rules Analysis

Source category listed in 1200-3-9-.01(4)(b)1(i)? Yes No

Applicable NSPS: 40 CFR Part 60, Subpart State Rule 1200-03-16-. N/A
Applicable NESHAP: 40 CFR Part 61, Subpart State Rule 1200-03-11-. N/A
Applicable NESHAP: 40 CFR Part 63, Subpart State Rule 1200-03-31-. N/A

Other Applicable State Rules

PM Emissions:	1200-03-	<u>07</u>	-.	<u>(1)</u>	<input checked="" type="checkbox"/>	N/A	<input type="checkbox"/>	NO _x Emissions:	1200-03-	_____	-.	_____	<input type="checkbox"/>	N/A	<input checked="" type="checkbox"/>
SO ₂ Emissions:	1200-03-	_____	-.	_____	<input type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Lead Emissions:	1200-03-	_____	-.	_____	<input type="checkbox"/>	N/A	<input checked="" type="checkbox"/>
CO Emissions:	1200-03-	_____	-.	_____	<input type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	HAP Emissions:	1200-03-	_____	-.	_____	<input type="checkbox"/>	N/A	<input checked="" type="checkbox"/>
VOC Emissions:	1200-03-	<u>09</u>	-.	<u>(11)(a)</u>	<input checked="" type="checkbox"/>	N/A	<input type="checkbox"/>	VOC Emissions:	1200-03-	<u>18</u>	-.	<u>(3)</u>	<input checked="" type="checkbox"/>	N/A	<input type="checkbox"/>

Visible Emissions from	<u>Facility-wide</u>	not to exceed	<u>20</u>	% opacity per Method	<u>9</u>	(Rule 1200-03- <u>05</u> - . <u>.01</u> (<u>1</u>))
Visible Emissions from	_____	not to exceed	_____	% opacity per Method	_____	(Rule 1200-03-_____ - . _____)
Visible Emissions from	_____	not to exceed	_____	% opacity per Method	_____	(Rule 1200-03-_____ - . _____)