STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION
17 STATE HOUSE STATION AUGUSTA, MAINE 04333-0017

DEPARTMENT ORDER

Soleras Advanced Coatings, Ltd. **York County** **Biddeford, Maine** **A-1073-71-C-A**	**Departmental** **Findings of Fact and Order** **Air Emission License** **Amendment #1**

FINDINGS OF FACT

After review of the air emission license amendment application, staff investigation reports, and other documents in the applicant's file in the Bureau of Air Quality, pursuant to 38 Maine Revised Statutes (M.R.S.) § 344 and § 590, the Maine Department of Environmental Protection (Department) finds the following facts:

I. REGISTRATION

A. Introduction

Soleras Advanced Coatings, Ltd. (Soleras) was issued Air Emission License A-1073-71-B-R on January 4, 2023, for the operation of emission sources associated with their sputtering equipment and supplies manufacturing facility.

The equipment addressed in this license amendment is located at 589 Elm Street, Biddeford, Maine.

Soleras has requested an amendment to their license in order to make the following changes:

1. Add two new Thermal Spray Machines with associated baghouses;
2. Add a Polishing Lathe with associated baghouse;
3. Include the requirements of 40 C.F.R. Part 63, Subpart WWWWWW;
4. Establish an annual throughput limit; and
5. Remove the monthly VOC and HAP tracking requirements.

B. Emission Equipment

The following equipment is addressed in this air emission license amendment:

Process Equipment

Equipment	Production Rate	Pollution Control Equipment	Stack #
CB #1	56,600 lb/year	Baghouse	#1
RTM #14*	37 lb/hr	Baghouse	#2
RTM #15*	37 lb/hr	Baghouse	#3
Polishing Lathe*	4 lb/hr	Baghouse	#4

* This equipment is new to this air emission license

C. Application Classification

All rules, regulations, or statutes referenced in this air emission license refer to the amended version in effect as of the date this license was issued.

The modification of a minor source is considered a major or minor modification based on whether or not expected emission increases exceed the "Significant Emissions" levels as defined in the Department's *Definitions Regulation*, 06-096 Code of Maine Rules (C.M.R.) ch. 100. The emission increases are determined by subtracting the current licensed annual emissions preceding the modification from the maximum future licensed annual emissions, as follows:

Pollutant	Current License (tpy)	Future License (tpy)	Net Change (tpy)	Significant Emission Levels
PM	0.1	0.6	0.5	100
PM_{10}	0.1	0.6	0.5	100
$PM_{2.5}$	0.1	0.6	0.5	100
SO_2	0.0	0.0	0.0	100
NO_x	0.0	0.0	0.0	100
CO	0.0	0.0	0.0	100
VOC	10.0	10.0	0.0	50*

* Soleras is located in an area of the state included in the Ozone Transport Region. Therefore, the significant emission level for VOC is 50 tpy.

This modification is determined to be a minor modification and has been processed as such.

D. Facility Classification

The facility is licensed as follows:

- As a natural minor source of criteria pollutants, because no license restrictions are necessary to keep facility emissions below major source thresholds for criteria pollutants; and
- As an area source of hazardous air pollutants (HAP), because the licensed emissions are below the major source thresholds for HAP.

II. BEST PRACTICAL TREATMENT (BPT)

A. Introduction

In order to receive a license, the applicant must control emissions from each unit to a level considered by the Department to represent Best Practical Treatment (BPT), as defined in *Definitions Regulation*, 06-096 C.M.R. ch. 100. Separate control requirement categories exist for new and existing equipment.

BPT for new sources and modifications requires a demonstration that emissions are receiving Best Available Control Technology (BACT), as defined in *Definitions Regulation*, 06-096 C.M.R. ch. 100. BACT is a top-down approach to selecting air emission controls considering economic, environmental, and energy impacts.

B. RTM #14 and #15

Soleras is installing two new thermal spray machines designated RTM #14 and RTM #15 (rotatable target machines). Both machines operate on the same principal as the existing CB#1 thermal spray machine, being that they use an electric arc to deposit metallic compounds on a target substrate. CB #1 consists of a large enclosure with a fixed target and a movable plasma arc gun, which allows the operator to enter the booth to perform setup and maintenance while the unit is not operating. In contrast, RTM #14 and #15 are designed to utilize an inert environment, with cylindrical enclosures sized to fit the target only, and the plasma gun is in a fixed location at the center of the enclosure. The RTM is slightly larger in diameter than the target, and several times longer. The target rotates and slides horizontally inside the enclosure while the fixed plasma gun applies coating to the surface of the target. This creates a close-fitting enclosure around the target and reduces the volume of air takeoff required to control the unit's atmosphere. Each RTM is equipped with a baghouse which collects overspray material not deposited on the target. The baghouses are both Torit baghouse systems, model DFO 2-8-R, which are equipped with filters rated to collect 99.999% of particulate emissions larger than 0.5 microns in size. With the addition of the new thermal spray machines, Soleras is also adding three new source materials to be used in RTM #14 and RTM #15, consisting of chromium, titanium oxide, and silver. With the addition of chromium, there is an increased risk of fire from the collected particles in the baghouse. To mitigate this risk, Soleras will operate a lime

injection system on each RTM baghouse inlet which results in negligible amounts of additional PM emissions.

1. BACT Findings

Soleras provided an analysis of potential controls and proposed as BACT for both $PM/PM_{10}/PM_{2.5}$ and HAP emissions from RTM #14 and #15 a baghouse using filters with a rated collection efficiency of at least 99.99%. The Department finds that the proposed controls represent BACT for emissions of $PM/PM_{10}/PM_{2.5}$ and HAP from RTM #14 and #15 and the emission limits in the table below.

In order to remain below the significance reporting threshold of 06-096 C.M.R. ch. 137, Soleras has elected to take a voluntary limit of 9,300 lb per year on a 12-month rolling total basis of chromium to be processed in RTM #14 and #15. As RTM #14 and #15 are the only two units at Soleras presently licensed to process chromium compounds, this limit is effectively a facility-wide limit.

a. Emission Factors

The BACT emission limits for RTM #14 and #15 were based on the following:

$PM/PM_{10}/PM_{2.5}$ emissions from the thermal spraying process utilized by RTM #14 and #15 are divided into two categories, overspray and fume emissions.

The source material, which is electrically liquified, is sprayed onto a target substrate where the majority of source material is deposited. Some material misses the target and is then caried by the inert gas flow into the associated baghouse. This material would be classified as overspray. In the liquification and transfer process of the source material, a portion of the metal is vaporized. This material would be classified as fume emissions.

Utilizing source material tracking compared to the finished product mass from the existing CB#1 Thermal spray system, Soleras found that Between 50% and 95% of source material sticks to the target, and the remainder is considered overspray. Not all the overspray material is carried along with the inert gas stream leading to the baghouse as some of the material settles in the bottom of the spraying chamber, where it is collected periodically by an operator. Therefore, using a value of 50% of the sprayed source material is a conservative approach to quantifying PM emissions from overspray. Particle size from overspray is predominantly much larger than the 0.5 microns, the size at which capture efficiency of the baghouse filters is rated, so it is assumed that the baghouse will achieve at least a 99.99% capture efficiency with regard to overspray emissions.

Using the highest chromium content welding rod in AP-42 Table 12.19-2 (ER316) as the basis for the fume emissions, and scaling the emission factor to match the

100% purity source material used in RTM #14 and #15, the resulting estimate of emissions is 2.93 lbs of Cr III and 0.056 lbs of Cr VI per 1,000 lbs of source material. These estimates are based on the uncontrolled emissions before the control effectiveness of the baghouse is taken into account. Particle size from fume emissions ranges from smaller than 0.4 micron to 1 micron according to AP-42 Chapter 12.19 supporting documentation. Using this information along with the MERV 15 ratings per ANSI/ASHRAE Standard 52.2, *Method of Testing General Ventilation Air-Cleaning Devices for Removal Efficiency by Particle Size,* it is assumed that the baghouse with its associated MERV 15 rated filters will achieve at least a 66% capture efficiency of fume emissions.

As the source of HAP emissions from RTM #14 and #15 are the same as the source of PM/PM_{10}/$PM_{2.5}$ emissions, they will share the same limit.

b. The BACT emission limits for RTM #14 and #15 are the following:

Unit	PM (lb/hr)	PM_{10} (lb/hr)	$PM_{2.5}$ (lb/hr)	HAP (lb/hr)
RTM #14	0.04	0.04	0.04	0.04
RTM #15	0.04	0.04	0.04	0.04

c. Visible emissions from RTM #14 and #15 shall each not exceed 10% opacity on a six-minute block average basis.

2. 40 C.F.R. Part 63, Subpart WWWWWW *National Emission Standards for Hazardous Air Pollutants: Area Source Standards for Plating and Polishing Operations*

The details of Subpart WWWWWW will be covered in a separate section below.

C. Polishing Lathe

The Polishing Lathe has been at the facility since 2024, but the exhaust from the associated baghouse has previously vented to the interior of the facility, classifying its emissions as categorically insignificant per 06-096 C.M.R. ch. 115 Appendix B(A)(35). With this air emission license amendment, Soleras is now venting the exhaust from the Polishing Lathe baghouse externally to the building.

The Polishing Lathe uses sanding belts in a sealed enclosure to create a uniform surface of the targets produced by RTM #14 and #15 and CB#1. The material which is removed from the targets is either deposited in the bottom of the enclosure for later manual removal, or is captured by the associated baghouse.

1. BACT Findings

In the analysis provided, Soleras proposed that a baghouse using filters with a collection efficiency of at least 99.99% as BACT for both $PM/PM_{10}/PM_{2.5}$ and HAP emissions from the Polishing Lathe. Additionally, Soleras shall not process chromium compounds in the Polishing Lathe in order to remain below the significance reporting threshold of 06-096 C.M.R. ch. 137.

The Department finds as BACT from emissions from the Polishing Lathe the proposed baghouse and the emission limits in the table below.

a. Emission Factors

As Soleras has been previously operating the Polishing Lathe, historical data is available for the total mass removal from each target which averages 8% of the total mass of the target at material removal rate of 4 lb/hr. Emissions estimates are based on conservatively assuming that 100% of material removal is carried through the baghouse.

b. The BACT emission limits for the Polishing Lathe are the following:

Unit	PM (lb/hr)	PM_{10} (lb/hr)	$PM_{2.5}$ (lb/hr)	HAP (lb/hr)
Polishing Lathe	0.01	0.01	0.01	0.01

c. Visible emissions from the Polishing Lathe shall not exceed 10% opacity on a six-minute block average basis.

2. 40 C.F.R. Part 63, Subpart WWWWWW *National Emission Standards for Hazardous Air Pollutants: Area Source Standards for Plating and Polishing Operations*

The details of Subpart WWWWWW will be covered in a separate section below.

D. 40 C.F.R. Part 63, Subpart WWWWWW

CB #1, RTM #14 and #15, and the Polishing Lathe are all subject to 40 C.F.R. Part 63, Subpart WWWWWW, *National Emission Standards for Hazardous Air Pollutants: Area Source Standards for Plating and Polishing Operations*. The requirements of Subpart WWWWWW pertaining to CB #1 were inadvertently not included in the last air emission license renewal and are therefore included in this amendment. While CB#1 has been in operation since 2010, according to the applicability dates in subpart WWWWWW it is classified as a new source because it commenced construction after March 14, 2008.

1. Management Practices
   a. CB #1, RTM #14 and #15 [40 C.F.R. §§ 63.11507(f) and (g)]
      (1) Soleras shall install and operate a capture system that collects PM emissions from all thermal spraying processes and transports the emissions to a fabric, cartridge, or HEPA filter.
      (2) Soleras shall perform regular repair, maintenance, and preventive maintenance of equipment associated with CB #1, RTM #14 and #15, as practicable.
      (3) Soleras shall perform general good housekeeping, such as regular sweeping or vacuuming, as needed, and periodic washdowns, as practicable.
      (4) Soleras shall perform regular inspections to identify leaks and other opportunities for pollution prevention.

   b. Polishing Lathe [40 C.F.R. § 63.11507(e)]
      (1) Soleras shall operate a capture system that captures PM emissions from the Polishing Lathe and transports them to a cartridge, fabric, or high efficiency particulate air (HEPA) filter.
      (2) Soleras shall operate the capture and control devices according to the manufacturer's specifications and operating instructions.
      (3) Soleras shall keep the manufacturer's specifications and operating instructions at the facility at all times in a location where they can be easily accessed by the operators.

2. Compliance Requirements

   a. Initial Compliance [40 C.F.R. §§ 63.11508 and 63.11509]

      (1) Soleras shall submit an Initial Notification to the EPA and the Department which contains the following: [40 C.F.R. § 63.11509(a)]

         (a) The name and address of the owner or operator.
         (b) The physical address of the facility.
         (c) An identification of the relevant standard, or other requirement, that is the basis of the notification and the source's compliance date.
         (d) A brief description of the nature, size, design, and method of operation of the source and an identification of the types of emission points within the affected source subject to the relevant standard and types of hazardous air pollutants emitted.
         (e) A description of the compliance method (e.g., use of wetting agent/fume suppressant) for CB #1, RTM #14 and #15, and the Polishing Lathe.

      (2) Soleras shall submit a Notice of Compliance Status to the EPA and the Department which contains the following: [40 C.F.R. § 63.11509(b)]

(a) A statement that the control systems for CB #1, RTM #14 and #15, and the Polishing Lathe are installed and operated according to the manufacturer's specifications and instructions.
(b) A list of the HAP used in or emitted by CB #1, RTM #14 and #15, and the Polishing Lathe.
(c) The methods used to comply with the applicable management practices and equipment standards.
(d) A description of the capture and emission control systems used to comply with the requirements of Subpart WWWWWW.
(e) A statement by the owner or operator of the facility as to whether the source is in compliance with the applicable standards or other requirements

b. Continuing Compliance

(1) Soleras shall operate and maintain CB #1, RTM #14 and #15, and the Polishing Lathe, including air pollution control equipment. [40 C.F.R. § 63.11508(d)]

(2) Soleras shall prepare an annual compliance certification and keep it in a readily accessible location for inspector review. [40 C.F.R. § 6311509(c)]

(a) The certification shall contain a statement that Soleras has operated and maintained the control systems according to the manufacturer's specifications and instructions.

(b) Each annual compliance report must be prepared no later than January 31 of the year immediately following the reporting period and kept in a readily accessible location for inspector review. If a deviation has occurred during the year, each annual compliance report must be submitted to the EPA and the Department along with the deviation report and postmarked or delivered no later than January 31 of the year immediately following the reporting period.

3. Recordkeeping Requirements
a. Soleras shall maintain the following records: [40 C.F.R. § 63.11509(e)]
(1) A copy of any Initial Notification and Notification of Compliance Status and all documentation supporting those notifications.
(2) The occurrence and duration of each startup or shutdown when the startup or shutdown causes the source to exceed any applicable emission limitation in the relevant emission standards.
(3) The occurrence and duration of each malfunction of operation (i.e., process equipment) or the required air pollution control and monitoring equipment.
(4) All maintenance performed on the air pollution control and monitoring equipment.
(5) The records required to show continuous compliance with each management practice and equipment standard.

b. Soleras shall keep each record for a minimum of 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record. [40 C.F.R. § 63.11509(f)]

Note: Standard Condition (8) of this license requires all records be retained for six years; therefore, the five-year record retention requirement of Subpart WWWWWW shall be streamlined to the more stringent six-year requirement.

E. Annual Emissions Tracking

In order to demonstrate that the operations at Soleras stay below any additional regulatory thresholds, they are required to record HAP and VOC containing material purchases and throughput at their facility and calculate the emissions based off those records. Soleras has requested that the calculations be reduced to that of a calendar year basis and that the monthly calculation requirement be removed. The Department finds that with a reduction of the annual HAP limit to 7.9 tons of any single HAP and 19.9 tons of all HAP, potential emissions from the licensed operations at Soleras are low enough that the monthly calculations are not likely to preclude the emissions pollutants at levels that would require additional regulatory intervention. The requirements for monthly calculations will be changed to calendar year calculations in this air emission license amendment.

With the addition of RTM #14 and #15 and the Polishing Lathe, Soleras will be required to track hours of operation or the material mass balance from each emission source and calculate the HAP emissions from each on a calendar year basis. Calculations shall be performed according to the following formulas:

- RTM #14 HAP emissions = Hours of operation * 0.04 lb/hr
- RTM #15 HAP emissions = Hours of operation * 0.04 lb/hr
- Polishing Lathe HAP emissions = Material mass balance * HAP content of material * 0.1%

F. Annual Emissions

The table below provides an estimate of facility-wide annual emissions for the purposes of calculating the facility's annual air license fee and establishing the facility's potential to emit (PTE). Only licensed equipment is included, i.e., emissions from insignificant activities are excluded. Similarly, unquantifiable fugitive particulate matter emissions are not included except when required by state or federal regulations. Maximum potential emissions were calculated based on the following assumptions:

- Operating CB #1, RTM #14, RTM #15, and the Polishing Lathe for 8,760 hours/year each;
- Processing a maximum of 9,300 lb of chromium per year on a 12-month rolling total basis;

- A facility-wide VOC limit of 10 tpy; and;
- A facility-wide HAP limit of 7.9 tpy of any single HAP and 19.9 tpy of all HAPs combined.

This information does not represent a comprehensive list of license restrictions or permissions. That information is provided in the Order section of this license.

Total Licensed Annual Emissions for the Facility
Tons/year
(used to calculate the annual license fee)

	PM	PM_{10}	$PM_{2.5}$	VOC
CB #1	0.1	0.1	0.1	-
RTM #14	0.2	0.2	0.2	-
RTM #15	0.2	0.2	0.2	-
Polishing Lathe	0.1	0.1	0.1	-
Facility wide VOC Limit	-	-	-	10.0
Total TPY	**0.6**	**0.6**	**0.6**	**10.0**

Pollutant	Tons/year
Single HAP	7.9
Total HAP	19.9

III. AMBIENT AIR QUALITY ANALYSIS

The level of ambient air quality impact modeling required for a minor source is determined by the Department on a case-by-case basis. In accordance with 06-096 C.M.R. ch. 115, an ambient air quality impact analysis is not required for a minor source if the total licensed annual emissions of any pollutant released do not exceed the following levels and there are no extenuating circumstances:

Pollutant	Tons/Year
PM_{10}	25
$PM_{2.5}$	15
SO_2	50
NO_x	50
CO	250

The total licensed annual emissions for the facility are below the emission levels contained in the table above and there are no extenuating circumstances; therefore, an ambient air quality impact analysis is not required as part of this license amendment.

This determination is based on information provided by the applicant regarding the expected construction and operation of the proposed emission units. If the Department determines that

any parameter (e.g., stack size, configuration, flow rate, emission rates, nearby structures, etc.) deviates from what was included in the application, the Department may require Soleras to submit additional information and may require an ambient air quality impact analysis at that time.

ORDER

Based on the above Findings and subject to conditions listed below, the Department concludes that the emissions from this source:

- will receive Best Practical Treatment,
- will not violate applicable emission standards, and
- will not violate applicable ambient air quality standards in conjunction with emissions from other sources.

The Department hereby grants Air Emission License Amendment A-1073-71-C-A subject to the conditions found in Air Emission License A-1073-71-B-R and the following conditions.

Severability. The invalidity or unenforceability of any provision of this License Amendment or part thereof shall not affect the remainder of the provision or any other provisions. This License Amendment shall be construed and enforced in all respects as if such invalid or unenforceable provision or part thereof had been omitted.

SPECIFIC CONDITIONS

The following shall replace Condition (18) of Air Emission License A-1073-71-B-R:

(18) **VOC and HAP Emissions Limit**

A. Soleras shall on a calendar year basis, calculate the total VOC and HAP emissions from materials used in its facility by using the following equations:

VOC Emissions = VOC content of material * material purchased

Cleaning Compound HAP Emissions = HAP content of material * material purchased

CB #1 HAP Emissions = HAP content of material * 2.5lb/1,000lb of Thermal Spray source material * 0.1%

RTM #14 HAP emissions = Hours of operation * 0.04 lb/hr

RTM #15 HAP emissions = Hours of operation * 0.04 lb/hr

Polishing Lathe HAP emissions = Material mass balance * HAP content of material * 0.1%

B. The total VOC emissions from all materials used at the facility shall be limited to no more than 10 tons per year on a calendar year basis. The total HAP emissions from the facility shall be limited to 7.9 tons of any single HAP and 19.9 tons of all HAP combined on a calendar year basis.

C. Soleras shall maintain records which document material purchase amounts, material SDS documents which list VOC and HAP content of the material, and yearly calculations of VOC and HAP emissions.

[06-096 C.M.R. ch. 115, BPT]

The following are new conditions:

(23) **RTM #14 and #15**

A. Soleras shall process no more than 9,300 lb per year on a 12-month rolling total basis of chromium. [06-096 C.M.R. ch. 115, BACT]

B. RTM #14 and #15 shall each be equipped with a baghouse with 99.99% control efficiency and be operated at all times that the units are in operation. [06-096 C.M.R. ch. 115, BACT]

C. Emissions shall not exceed the following [06-096 C.M.R. ch. 115, BACT]:

Unit	PM (lb/hr)	PM_{10} (lb/hr)	$PM_{2.5}$ (lb/hr)	HAP (lb/hr)
RTM #14	0.04	0.04	0.04	0.04
RTM #15	0.04	0.04	0.04	0.04

D. Visible emissions from RTM #14 and #15 shall each not exceed 10% opacity on a six-minute block average basis. [06-096 C.M.R. ch. 115, BACT]

(24) **Polishing Lathe**

A. The Polishing Lathe shall be equipped with a baghouse with 99.99% control efficiency and be operated at all times that the unit is in operation. [06-096 C.M.R. ch. 115, BACT]

B. Soleras shall not process any chromium compounds in the Polishing Lathe. [06-096 C.M.R. ch. 115, BACT]

C. Emissions shall not exceed the following [06-096 C.M.R. ch. 115, BACT]:

Unit	PM (lb/hr)	PM_{10} (lb/hr)	$PM_{2.5}$ (lb/hr)	HAP (lb/hr)
Polishing Lathe	0.01	0.01	0.01	0.01

D. Visible emissions from the Polishing Lathe shall not exceed 10% opacity on a six-minute block average basis. 06-096 C.M.R. ch. 115, BACT]

(25) **40 C.F.R. Part 63, Subpart WWWWWW**

A. Management Practices

1. CB #1, RTM #14 and #15 [40 C.F.R. §§ 63.11507(f) and (g)]
   a. Soleras shall install and operate a capture system that collects PM emissions from all thermal spraying processes and transports the emissions to a fabric, cartridge, or HEPA filter.
   b. Soleras shall perform regular repair, maintenance, and preventive maintenance of equipment associated with CB #1, RTM #14 and #15, as practicable.
   c. Soleras shall perform general good housekeeping, such as regular sweeping or vacuuming, as needed, and periodic washdowns, as practicable.
   d. Soleras shall perform regular inspections to identify leaks and other opportunities for pollution prevention.

2. Polishing Lathe [40 C.F.R. § 63.11507(e)]
   a. Soleras shall operate a capture system that captures PM emissions from the Polishing Lathe and transports them to a cartridge, fabric, or high efficiency particulate air (HEPA) filter.
   b. Soleras shall operate the capture and control devices according to the manufacturer's specifications and operating instructions.
   c. Soleras shall keep the manufacturer's specifications and operating instructions at the facility at all times in a location where they can be easily accessed by the operators.

B. Compliance Requirements

1. Initial Compliance [40 C.F.R. §§ 63.11508 and 63.11509]

   a. Soleras shall submit an Initial Notification to the EPA and the Department which contains the following: [40 C.F.R. § 63.11509(a)]

      (1) The name and address of the owner or operator.
      (2) The physical address of the facility.
      (3) An identification of the relevant standard, or other requirement, that is the basis of the notification and the source's compliance date.
      (4) A brief description of the nature, size, design, and method of operation of the source and an identification of the types of emission points within the

affected source subject to the relevant standard and types of hazardous air pollutants emitted.

(5) A description of the compliance method (e.g., use of wetting agent/fume suppressant) for CB #1, RTM #1 and #2, and the Polishing Lathe.

b. Soleras shall submit a Notice of Compliance Status to the EPA and the Department which contains the following: [40 C.F.R. § 63.11509(b)]

(1) A statement that the control systems for CB #1, RTM #14 and #15, and the Polishing Lathe are installed and operated according to the manufacturer's specifications and instructions.
(2) A list of the HAP used in or emitted by CB #1, RTM #14 and #15, and the Polishing Lathe.
(3) The methods used to comply with the applicable management practices and equipment standards.
(4) A description of the capture and emission control systems used to comply with the requirements of Subpart WWWWWW.
(5) A statement by the owner or operator of the facility as to whether the source is in compliance with the applicable standards or other requirements.

2. Continuing Compliance

a. Soleras shall operate and maintain CB #1, RTM #14 and #15, and the Polishing Lathe, including air pollution control equipment. [40 C.F.R. § 63.11508(d)]

b. Soleras shall prepare an annual compliance certification and keep it in a readily accessible location for inspector review. [40 C.F.R. § 6311509(c)]

(1) The certification shall contain a statement that Soleras has operated and maintained the control systems according to the manufacturer's specifications and instructions.

(2) Each annual compliance report must be prepared no later than January 31 of the year immediately following the reporting period and kept in a readily accessible location for inspector review. If a deviation has occurred during the year, each annual compliance report must be submitted to the EPA and the Department along with the deviation report, and postmarked or delivered no later than January 31 of the year immediately following the reporting period.

C. Recordkeeping Requirements

1. Soleras shall maintain the following records: [40 C.F.R. § 63.11509(e)]

   a. A copy of any Initial Notification and Notification of Compliance Status and all documentation supporting those notifications.
   b. The occurrence and duration of each startup or shutdown when the startup or shutdown causes the source to exceed any applicable emission limitation in the relevant emission standards.
   c. The occurrence and duration of each malfunction of operation (i.e., process equipment) or the required air pollution control and monitoring equipment.
   d. All maintenance performed on the air pollution control and monitoring equipment.
   e. The records required to show continuous compliance with each management practice and equipment standard.

2. Soleras shall keep each record for a minimum of 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record. [40 C.F.R. § 63.11509(f)]

   Note: Standard Condition (8) of this license requires all records be retained for six years; therefore, the five-year record retention requirement of Subpart WWWWWW shall be streamlined to the more stringent six-year requirement.

DONE AND DATED IN AUGUSTA, MAINE THIS 3rd DAY OF JULY, 2025.

DEPARTMENT OF ENVIRONMENTAL PROTECTION

BY: _____ for _____
MELANIE LOYZIM, COMMISSIONER

The term of this license amendment shall be ten (10) years from the issuance of Air Emission License A-1073-71-B-R (issued 01/04/2023).

[Note: If a renewal application, determined as complete by the Department, is submitted prior to expiration of this license, then pursuant to Title 5 M.R.S. § 10002, all terms and conditions of the license shall remain in effect until the Department takes final action on the license renewal application.]

PLEASE NOTE ATTACHED SHEET FOR GUIDANCE ON APPEAL PROCEDURES

Date of initial receipt of application: 10/31/24
Date of application acceptance: 11/6/24

This Order prepared by Chris Ham, Bureau of Air Quality.