

DRAFT

AIR EMISSION PERMIT NO. 05300113-003
Total Facility Operating Permit - Reissuance

IS ISSUED TO

Nico Products Inc.

NICO PRODUCTS, INC.
2929 1st Avenue South
Minneapolis, Hennepin County, MN 55408

The emission units, control equipment and emission stacks at the stationary source authorized in this permit reissuance are as described in the Permit Applications Table.

This permit reissuance supersedes Air Emission Permit No. 05300113-002 and authorizes the Permittee to operate the stationary source at the address listed above unless otherwise noted in Table A. The Permittee must comply with all the conditions of the permit. Any changes or modifications to the stationary source must be performed in compliance with Minn. R. 7007.1150 to 7007.1500. Terms used in the permit are as defined in the state air pollution control rules unless the term is explicitly defined in the permit.

Unless otherwise indicated, all the Minnesota rules cited as the origin of the permit terms are incorporated into the State Implementation Plan (SIP) under 40 CFR § 52.1220 and as such are enforceable by U.S. Environmental Protection Agency (EPA) Administrator or citizens under the Clean Air Act.

Permit Type: Federal; Part 70/True Minor for NSR

Operating Permit Issue Date: <issue date>

Expiration Date: <5 years after issuance date> – All Title I Conditions do not expire.

Don Smith, P.E., Manager
Air Quality Permits Section
Industrial Division

for John Linc Stine
Commissioner
Minnesota Pollution Control Agency

Permit Applications Table

Permit Type	Application Date	Permit Action
Total Facility Operating Permit Reissuance	August 1, 2012	003
Supplemental Information	January 17, 2013	003
Supplemental Information #2	April 23, 2013	003

TABLE OF CONTENTS

Notice to the Permittee

Permit Shield

Facility Description

Table A: Limits and Other Requirements

Table B: Submittals

Appendix I: Insignificant Activities

NOTICE TO THE PERMITTEE:

Your stationary source may be subject to the requirements of the Minnesota Pollution Control Agency's (MPCA) solid waste, hazardous waste, and water quality programs. If you wish to obtain information on these programs, including information on obtaining any required permits, please contact the MPCA general information number at:

Metro Area	651-296-6300
Outside Metro Area	1-800-657-3864
TTY	651-282-5332

The rules governing these programs are contained in Minn. R. chs. 7000-7105. Written questions may be sent to: Minnesota Pollution Control Agency, 520 Lafayette Road North, St. Paul, Minnesota 55155-4194.

Questions about this air emission permit or about air quality requirements can also be directed to the telephone numbers and address listed above.

PERMIT SHIELD:

Subject to the limitations in Minn. R. 7007.1800, compliance with the conditions of this permit shall be deemed compliance with the specific provision of the applicable requirement identified in the permit as the basis of each condition. Subject to the limitations of Minn. R. 7007.1800 and 7017.0100, subp. 2, notwithstanding the conditions of this permit specifying compliance practices for applicable requirements, any person (including the Permittee) may also use other credible evidence to establish compliance or noncompliance with applicable requirements.

FACILITY DESCRIPTION:

Nico Products, Inc., (Permittee) is a job shop metal finishing facility (Facility), with SIC Code 3471, which houses 19 separate metal plating and finishing lines consisting of large-capacity automated lines, hoist lines and hand operated lines. The Facility processes steel, stainless steel, zinc die cast, brass, copper, and aluminum/aluminum die cast parts. Plating is applied to the base metals for a variety of reasons, including appearance, wear, corrosion resistance, electrical resistance and overall protection of the part. The Facility also operates a solvent vapor degreasing unit and two boilers.

Metal finishing and plating is accomplished through both electrical and non-electrical processes. Parts are typically degreased, using either the vapor degreaser or liquid alkaline cleaners, acid etched to remove any metal oxides from the parts surface and then moved through the plating of the specific finish metal. A final protective or decorative emersion coating is typically applied following the plating. The metals that the Facility uses for plating are zinc, nickel, trivalent-chromium, copper, silver, gold, manganese and tin. Nonplated finishes include chromates (clear, yellow, olive drab and black), passivation and iridite. These finishes are used on a variety of parts for numerous industries which include tool/hardware, electronics, aerospace/aircraft, military, medical and decorative art fixtures.

The Facility currently has five high-capacity air scrubbing units for pollution control; however, the pollution control equipment is not needed in order to meet applicable requirements or to limit the potential to emit and does not appear in the permit. Because the pollution control equipment is not listed in the permit, the Permittee cannot take credit for the control in their emission inventory. The Facility also has several operations that qualify as insignificant activities under Minnesota Rules. See Appendix I for the Insignificant Activities required to be listed.

The Facility is a true minor source for New Source Review (40 CFR § 52.21); however, it is a major source for the National Emissions Standards for Hazardous Air Pollutants (NESHAPs, 40 CFR pt. 63) and is therefore a major source under the federal operation permits program (40 CFR pt. 70).

TABLE A: LIMITS AND OTHER REQUIREMENTS

A-1 05/28/13

Facility Name: Nico Products Inc

Permit Number: 05300113 - 003

Table A contains limits and other requirements with which your facility must comply. The limits are located in the first column of the table (What To do). The limits can be emission limits or operational limits. This column also contains the actions that you must take and the records you must keep to show that you are complying with the limits. The second column of Table A (Why to do it) lists the regulatory basis for these limits. Appendices included as conditions of your permit are listed in Table A under total facility requirements.

Subject Item: Total Facility

What to do	Why to do it
SOURCE-SPECIFIC REQUIREMENTS	hdr
Permit Appendices: This permit contains one appendix as listed in the permit Table of Contents. The Permittee shall comply with all requirements contained in the appendix.	Minn. R. 7007.0800, subp. 2
OPERATIONAL REQUIREMENTS	hdr
The Permittee shall comply with National Primary and Secondary Ambient Air Quality Standards, 40 CFR pt. 50, and the Minnesota Ambient Air Quality Standards, Minn. R. 7009.0010 to 7009.0080. Compliance shall be demonstrated upon written request by the MPCA.	40 CFR pt. 50; Minn. Stat. Section 116.07, subds. 4a & 9; Minn. R. 7007.0100, subp. 7(A), 7(L), & 7(M); Minn. R. 7007.0800, subps. 1, 2 & 4; Minn. R. 7009.0010-7009.0080
Circumvention: Do not install or use a device or means that conceals or dilutes emissions, which would otherwise violate a federal or state air pollution control rule, without reducing the total amount of pollutant emitted.	Minn. R. 7011.0020
Air Pollution Control Equipment: Operate all pollution control equipment whenever the corresponding process equipment and emission units are operated.	Minn. R. 7007.0800, subp. 2; Minn. R. 7007.0800, subp. 16(J)
Operation and Maintenance Plan: Retain at the stationary source an operation and maintenance plan for all air pollution control equipment. At a minimum, the O & M plan shall identify all air pollution control equipment and control practices and shall include a preventative maintenance program for the equipment and practices, a description of (the minimum but not necessarily the only) corrective actions to be taken to restore the equipment and practices to proper operation to meet applicable permit conditions, a description of the employee training program for proper operation and maintenance of the control equipment and practices, and the records kept to demonstrate plan implementation.	Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
Operation Changes: In any shutdown, breakdown, or deviation the Permittee shall immediately take all practical steps to modify operations to reduce the emission of any regulated air pollutant. The Commissioner may require feasible and practical modifications in the operation to reduce emissions of air pollutants. No emissions units that have an unreasonable shutdown or breakdown frequency of process or control equipment shall be permitted to operate.	Minn. R. 7019.1000, subp. 4
Fugitive Emissions: Do not cause or permit the handling, use, transporting, or storage of any material in a manner which may allow avoidable amounts of particulate matter to become airborne. Comply with all other requirements listed in Minn. R. 7011.0150.	Minn. R. 7011.0150
Noise: The Permittee shall comply with the noise standards set forth in Minn. R. 7030.0010 to 7030.0080 at all times during the operation of any emission units. This is a state only requirement and is not enforceable by the EPA Administrator or citizens under the Clean Air Act.	Minn. R. 7030.0010 - 7030.0080
Inspections: The Permittee shall comply with the inspection procedures and requirements as found in Minn. R. 7007.0800, subp. 9(A).	Minn. R. 7007.0800, subp. 9(A)
The Permittee shall comply with the General Conditions listed in Minn. R. 7007.0800, subp. 16.	Minn. R. 7007.0800, subp. 16
PERFORMANCE TESTING	hdr
Performance Testing: Conduct all performance tests in accordance with Minn. R. ch. 7017 unless otherwise noted in Tables A and/or B.	Minn. R. ch. 7017

TABLE A: LIMITS AND OTHER REQUIREMENTS**A-2** 05/28/13

Facility Name: Nico Products Inc

Permit Number: 05300113 - 003

<p>Performance Test Notifications and Submittals:</p> <p>Performance Tests are due as outlined in Table A of the permit. See Table B for additional testing requirements.</p> <p>Performance Test Notification (written): due 30 days before each Performance Test Performance Test Plan: due 30 days before each Performance Test Performance Test Pre-test Meeting: due 7 days before each Performance Test Performance Test Report: due 45 days after each Performance Test Performance Test Report - Microfiche Copy: due 105 days after each Performance Test</p> <p>The Notification, Test Plan, and Test Report may be submitted in an alternative format as allowed by Minn. R. 7017.2018.</p>	<p>Minn. R. 7017.2018; Minn. R. 7017.2030, subps. 1-4; Minn. R. 7017.2035, subps. 1-2</p>
<p>Limits set as a result of a performance test (conducted before or after permit issuance) apply until superseded as stated in the MPCA's Notice of Compliance letter granting preliminary approval. Preliminary approval is based on formal review of a subsequent performance test on the same unit as specified by Minn. R. 7017.2025, subp. 3. The limit is final upon issuance of a permit amendment incorporating the change.</p>	<p>Minn. R. 7017.2025, subp. 3</p>
MONITORING REQUIREMENTS	hdr
<p>Monitoring Equipment Calibration: The Permittee shall calibrate all required monitoring equipment at least once every 12 months (any requirements applying to continuous emission monitors are listed separately in this permit).</p>	<p>Minn. R. 7007.0800, subp. 4(D)</p>
<p>Operation of Monitoring Equipment: Unless otherwise noted in Tables A and/or B, monitoring a process or control equipment connected to that process is not necessary during periods when the process is shutdown, or during checks of the monitoring systems, such as calibration checks and zero and span adjustments. If monitoring records are required, they should reflect any such periods of process shutdown or checks of the monitoring system.</p>	<p>Minn. R. 7007.0800, subp. 4(D)</p>
RECORDKEEPING	hdr
<p>Recordkeeping: Retain all records at the stationary source, unless otherwise specified within this permit, for a period of five (5) years from the date of monitoring, sample, measurement, or report. Records which must be retained at this location include all calibration and maintenance records, all original recordings for continuous monitoring instrumentation, and copies of all reports required by the permit. Records must conform to the requirements listed in Minn. R. 7007.0800, subp. 5(A).</p>	<p>Minn. R. 7007.0800, subp. 5(C)</p>
<p>Recordkeeping: Maintain records describing any insignificant modifications (as required by Minn. R. 7007.1250, subp. 3) or changes contravening permit terms (as required by Minn. R. 7007.1350 subp. 2), including records of the emissions resulting from those changes.</p>	<p>Minn. R. 7007.0800, subp. 5(B)</p>
<p>If the Permittee determines that no permit amendment or notification is required prior to making a change, the Permittee must retain records of all calculations required under Minn. R. 7007.1200. For expiring permits, these records shall be kept for a period of five years from the date the change was made or until permit reissuance, whichever is longer. The records shall be kept at the stationary source for the current calendar year of operation and may be kept at the stationary source or office of the stationary source for all other years. The records may be maintained in either electronic or paper format.</p>	<p>Minn. R. 7007.1200, subp. 4</p>
REPORTING/SUBMITTALS	hdr
<p>Shutdown Notifications: Notify the Commissioner at least 24 hours in advance of a planned shutdown of any control equipment or process equipment if the shutdown would cause any increase in the emissions of any regulated air pollutant. If the owner or operator does not have advance knowledge of the shutdown, notification shall be made to the Commissioner as soon as possible after the shutdown. However, notification is not required in the circumstances outlined in Items A, B and C of Minn. R. 7019.1000, subp. 3.</p> <p>At the time of notification, the owner or operator shall inform the Commissioner of the cause of the shutdown and the estimated duration. The owner or operator shall notify the Commissioner when the shutdown is over.</p>	<p>Minn. R. 7019.1000, subp. 3</p>

TABLE A: LIMITS AND OTHER REQUIREMENTS**A-3**

05/28/13

Facility Name: Nico Products Inc

Permit Number: 05300113 - 003

Breakdown Notifications: Notify the Commissioner within 24 hours of a breakdown of more than one hour duration of any control equipment or process equipment if the breakdown causes any increase in the emissions of any regulated air pollutant. The 24-hour time period starts when the breakdown was discovered or reasonably should have been discovered by the owner or operator. However, notification is not required in the circumstances outlined in Items A, B and C of Minn. R. 7019.1000, subp. 2. At the time of notification or as soon as possible thereafter, the owner or operator shall inform the Commissioner of the cause of the breakdown and the estimated duration. The owner or operator shall notify the Commissioner when the breakdown is over.	Minn. R. 7019.1000, subp. 2
Notification of Deviations Endangering Human Health or the Environment: As soon as possible after discovery, notify the Commissioner or the state duty officer, either orally or by facsimile, of any deviation from permit conditions which could endanger human health or the environment.	Minn. R. 7019.1000, subp. 1
Notification of Deviations Endangering Human Health or the Environment Report: Within 2 working days of discovery, notify the Commissioner in writing of any deviation from permit conditions which could endanger human health or the environment. Include the following information in this written description: 1. the cause of the deviation; 2. the exact dates of the period of the deviation, if the deviation has been corrected; 3. whether or not the deviation has been corrected; 4. the anticipated time by which the deviation is expected to be corrected, if not yet corrected; and 5. steps taken or planned to reduce, eliminate, and prevent reoccurrence of the deviation.	Minn. R. 7019.1000, subp. 1
Application for Permit Amendment: If a permit amendment is needed, submit an application in accordance with the requirements of Minn. R. 7007.1150 through Minn. R. 7007.1500. Submittal dates vary, depending on the type of amendment needed.	Minn. R. 7007.1150 through Minn. R. 7007.1500
Extension Requests: The Permittee may apply for an Administrative Amendment to extend a deadline in a permit by no more than 120 days, provided the proposed deadline extension meets the requirements of Minn. R. 7007.1400, subp. 1(H). Performance testing deadlines from the General Provisions of 40 CFR pt. 60 and pt. 63 are examples of deadlines for which the MPCA does not have authority to grant extensions and therefore do not meet the requirements of Minn. R. 7007.1400, subp. 1(H).	Minn. R. 7007.1400, subp. 1(H)
Emission Inventory Report: due on or before April 1 of each calendar year following permit issuance, to be submitted on a form approved by the Commissioner.	Minn. R. 7019.3000 - 7019.3100
Emission Fees: due 30 days after receipt of an MPCA bill.	Minn. R. 7002.0005 - 7002.0095

TABLE A: LIMITS AND OTHER REQUIREMENTS**A-4**

05/28/13

Facility Name: Nico Products Inc

Permit Number: 05300113 - 003

Subject Item: GP 010 Metal Finishing Process Tanks

Associated Items: EU 012 Nickel #1 Tri-Chrome Plate
EU 015 Nickel #2 Tri-Chrome Plate
EU 043 Zinc #3 Auto HCl Acid
EU 179 Nickel Hoist Line - Tri Chrome
EU 199 Zinc Barrel Line - HCl
SV 002 Zone 1 Vent/Scrubber
SV 005 Zone 5 Vent/Scrubber
SV 008 South Hand Line Area Vent

What to do	Why to do it
Total Particulate Matter: less than or equal to 0.30 grains/dry standard cubic foot of exhaust gas unless required to further reduce emissions to comply with the less stringent limit of either Minn. R. 7011.0730 or Minn. R. 7011.0735. This limit applies separately to each unit in GP 010.	Minn. R. 7011.0715, subp. 1(A)
Opacity: less than or equal to 20 percent opacity. This limit applies separately to each unit in GP 010.	Minn. R. 7011.0715, subp. 1(B)

TABLE A: LIMITS AND OTHER REQUIREMENTS**A-5**

05/28/13

Facility Name: Nico Products Inc

Permit Number: 05300113 - 003

Subject Item: GP 011 Air Makeup Units**Associated Items:** EU 261 Air Makeup Unit #1

EU 262 Air Makeup Unit #2

EU 263 Air Makeup Unit #3

EU 264 Air Makeup Unit #4

What to do	Why to do it
Total Particulate Matter: less than or equal to 0.40 lbs/million Btu heat input . The potential to emit from the unit is 0.0075 lb/MMBtu due to equipment design and allowable fuels.This limit applies separately to each unit in GP 011.	Minn. R. 7011.0515, subp. 1
Opacity: less than or equal to 20 percent opacity except for one six-minute period per hour of not more than 60 percent opacity. This limit applies to separately to each unit in GP 011.	Minn. R. 7011.0515, subp. 2
Fuel Type: only natural gas, by design.	Minn. R. 7005.0100, subp. 35a
Fuel Recordkeeping: The Permittee shall keep records of fuel type and usage on a monthly basis.	Minn. R. 7007.0800, subp. 4 and 5

TABLE A: LIMITS AND OTHER REQUIREMENTS**A-6** 05/28/13

Facility Name: Nico Products Inc

Permit Number: 05300113 - 003

Subject Item: EU 001 Degreaser - Halogenated Solvent Cleaner**Associated Items:** SV 001 Degreaser Vent

What to do	Why to do it
General Provisions of 40 CFR pt. 63 applicable to 40 CFR pt. 63, subp. T are provided in Appendix B to 40 CFR pt. 63, subp. T.	40 CFR pt. 63
Total Particulate Matter: less than or equal to 0.3 grains/dry standard cubic foot of exhaust gas unless required to further reduce emissions to comply with the less stringent limit of either Minn. R. 7011.0730 or Minn. R. 7011.0735.	Minn. R. 7011.0715, subp. 1(A)
Opacity: less than or equal to 20 percent opacity .	Minn. R. 7011.0715, subp. 1(B)
EMISSION LIMITS AND CONTROL REQUIREMENTS	hdr
Trichloroethylene: less than or equal to 31,085 lbs/year using 12-month Rolling Sum as determined using the procedures in 40 CFR Section 63.471(c). This is a facility-wide limit. As EU 001 is the only vapor degreaser at the facility, the limit applies solely to EU 001. This limit is equivalent to 14,100 kg/yr. See RECORDKEEPING section of EU 001 for more details.	40 CFR Section 63.471(b)(2); Minn. R. 7011.7200
Exceedance: If the applicable facility-wide emission limit presented in Table 1 of 40 CFR Section 63.471(b)(2) is not met, an exceedance has occurred. All exceedances shall be reported as required in 40 CFR Section 63.468(h).	40 CFR Section 63.471(d); Minn. R. 7011.7200
The degreaser must have an idling and downtime mode cover, as described in 40 CFR Section 63.463(d)(1)(i), that may be readily opened or closed, that completely covers the cleaning machine openings when in place, and is free of cracks, holes, and other defects.	40 CFR Section 63.463(a)(1)(i); Minn. R. 7011.7200
The vapor degreaser shall have a freeboard ratio of 0.75 or greater.	40 CFR Section 63.463(a)(2); Minn. R. 7011.7200
The vapor degreaser shall have an automated parts handling system capable of moving parts or parts baskets at a speed of 11 feet per minute or less from the initial loading of the parts through removal of cleaned parts.	40 CFR Section 63.463(a)(3); Minn. R. 7011.7200
The degreaser must be equipped with a vapor level control device that shuts off the sump heat if the vapor level in the vapor cleaning machine rises above the height of the primary condenser.	40 CFR Section 63.463(a)(5); Minn. R. 7011.7200
The vapor degreaser shall have a primary condenser.	40 CFR Section 63.463(a)(6); Minn. R. 7011.7200
The Permittee shall maintain an idling emission rate of less than 0.045 pounds per hour per square foot of solvent/air interface area.	40 CFR Section 63.463(b)(2)(ii); Minn. R. 7011.7200
WORK PRACTICE STANDARDS	hdr
Cover(s) to each solvent cleaning machine shall be in place during the idling mode and during the downtime mode unless either the solvent has been removed from the machine or maintenance or monitoring is being performed that requires the cover(s) to not be in place.	40 CFR Section 63.463(d)(1)(i); Minn. R. 7001.7200
Parts shall be oriented so that the solvent drains from them freely. Parts having cavities or blind holes shall be tipped or rotated before being removed from any solvent cleaning machine unless an equally effective approach has been approved.	40 CFR Section 63.463(d)(4); Minn. R. 7011.7200
Parts baskets or parts shall not be removed from any solvent cleaning machine until dripping has stopped.	40 CFR Section 63.463(d)(5); Minn. R. 7011.7200
During startup of each vapor cleaning machine, the primary condenser shall be turned on before the sump heater.	40 CFR Section 63.463(d)(6); Minn. R. 7011.7200
During shutdown of each vapor cleaning machine, the sump heater shall be turned off and the solvent vapor layer allowed to collapse before the primary condenser is turned off.	40 CFR Section 63.463(d)(7); Minn. R. 7011.7200
When solvent is added or drained from any solvent cleaning machine, the solvent shall be transferred using threaded or other leakproof couplings and the end of the pipe in the solvent sump shall be located beneath the liquid solvent surface.	40 CFR Section 63.463(d)(8); Minn. R. 7011.7200
Each solvent cleaning machine and associated controls shall be maintained as recommended by the manufacturers of the equipment or using alternative maintenance practices that have been demonstrated to the MPCA's satisfaction to achieve the same or better results as those recommended by the manufacturer.	40 CFR Section 63.463(d)(9); Minn. R. 7011.7200
Each operator of a solvent cleaning machine shall complete and pass the applicable sections of the test of solvent cleaning procedures in Appendix A to 40 CFR pt. 63, subp. T if requested during an inspection by the Administrator.	40 CFR Section 63.463(d)(10); Minn. R. 7011.7200

TABLE A: LIMITS AND OTHER REQUIREMENTS**A-7** 05/28/13

Facility Name: Nico Products Inc

Permit Number: 05300113 - 003

Waste solvent, still bottoms, and sump bottoms shall be collected and stored in closed containers. The closed containers may contain a device that would allow pressure relief, but would not allow liquid solvent to drain from the container.	40 CFR Section 63.463(d)(11); Minn. R. 7011.7200
Sponges, fabric, wood, and paper products shall not be cleaned.	40 CFR Section 63.463(d)(12); Minn. R. 7011.7200
Clean Liquid Solvent: The permittee shall, on the first operating day of every month, ensure that each solvent cleaning machine system contains only clean liquid solvent. This includes, but is not limited to, fresh unused solvent, recycled solvent, and used solvent that has been cleaned of soiled materials. A fill line must be indicated during the first month the measurements are made. The solvent level within the machine must be returned to the same fill-line each month, immediately prior to calculating monthly emissions as specified in 40 CFR Section 63.471(c)(2) and (3). The solvent cleaning machine does not have to be emptied and filled with fresh unused solvent prior to the calculations.	40 CFR Section 63.471(c)(1); Minn. R. 7011.7200
TESTING AND OPERATING REQUIREMENTS	hdr
Ensure that the idling-mode cover is in place whenever parts are not in the solvent cleaning machine and completely covers the cleaning machine openings when in place. An exceedance has occurred if the above requirement has not been met.	40 CFR Section 63.463(e)(2)(iv)(A); 40 CFR Section 63.463(e)(3)(i); Minn. R. 7011.7200
Ensure that the idling-mode cover is maintained free of cracks, holes, and other defects. An exceedance has occurred if the above requirement has not been met and is not corrected within 15 days of detection. Adjustments or repairs shall be made to the solvent cleaning system or control device to reestablish required levels. The parameter must be re-measured immediately upon adjustment or repair and demonstrated to be within required limits.	40 CFR Section 63.463(e)(2)(iv)(B); 40 CFR Section 63.463(e)(3)(ii); Minn. R. 7011.7200
Conduct an initial performance test using the procedures in Reference Method 307 in Appendix A of 40 CFR pt. 63 to comply with the requirements specified below: i) Demonstrate compliance with the applicable idling emission limit; and ii) Establish parameters that will be monitored to demonstrate compliance. If a control device is used that is listed in 40 CFR Section 63.463(e)(2), then the requirements for that control device as listed in 40 CFR Section 63.463(e)(2) shall be used unless the owner or operator can demonstrate to the Administrator's satisfaction that an alternative strategy is equally effective.	40 CFR Section 63.463(f)(1); 40 CFR Section 63.465(a); Minn. R. 7011.7200
Conduct the periodic monitoring of the parameters used to demonstrate compliance as described in 40 CFR Section 63.466(f).	40 CFR Section 63.463(f)(2); Minn. R. 7011.7200
Operate the solvent cleaning machine within parameters identified in the initial performance test.	40 CFR Section 63.463(f)(3); Minn. R. 7011.7200
If any of the requirements in 40 CFR Section 63.463(f)(1) through (3) are not met, determine whether an exceedance has occurred using the criteria in 40 CFR Section 63.463(f)(4)(i) and (ii).	40 CFR Section 63.463(f)(4); Minn. R. 7011.7200
The Permittee shall determine the potential to emit from all solvent cleaning operations using the procedures described in 40 CFR Section 63.465(e)(1) through (3).	40 CFR Section 63.465(e); Minn. R. 7011.7200
MONITORING	hdr
The Permittee shall monitor the hoist speed as described as follows: 1) The Permittee shall determine the hoist speed by measuring the time it takes for the hoist to travel a measured distance. The speed is equal to the distance in meters divided by the time in minutes (meters per minute). 2) The Permittee shall conduct the monitoring each month. If after the first year, no exceedances of the hoist speed are measured, the Permittee may begin monitoring the hoist speed quarterly. 3) If an exceedance of the hoist speed occurs during quarterly monitoring, the monitoring frequency returns to monthly until another year of compliance without an exceedance is demonstrated. 4) If the Permittee can demonstrate to the Administrator's satisfaction in the initial compliance report that the hoist cannot exceed a speed of 3.4 meters per minute (11 feet per minute), the required monitoring frequency is quarterly, including during the first year of compliance.	40 CFR Section 63.466(c); Minn. R. 7011.7200
RECORDKEEPING	hdr

TABLE A: LIMITS AND OTHER REQUIREMENTS**A-8**

05/28/13

Facility Name: Nico Products Inc

Permit Number: 05300113 - 003

Solvent Additions/Deletions Log: The permittee shall maintain a log of solvent additions and deletions for each solvent cleaning machine.	40 CFR Section 63.471(b)(1); Minn. R. 7011.7200
<p>The Permittee shall maintain the following records, in written or electronic form, for the lifetime of the degreaser:</p> <p>1) Owner's manuals, or if not available, written maintenance and operating procedures, for the degreaser and control equipment.</p> <p>2) The date of installation for the degreaser and all of its control devices. If the exact date of installation is not known, a letter certifying that the degreaser and its control devices were installed prior to, or on, November 29, 1993, or after November 29, 1993, may be substituted.</p> <p>3) Records of the initial performance test, including the idling emission rates and the values of monitoring parameters measured during the test,</p> <p>4) Records of the halogenated hazardous air pollutant solvent content for each solvent used in the machine.</p>	40 CFR Section 63.467(a); Minn. R. 7011.7200
<p>The Permittee shall maintain the following records, in written or electronic form, for a period of 5 years:</p> <p>1) The results of any required control device monitoring under 40 CFR Section 63.466.</p> <p>2) Information on the actions taken to comply with the applicable requirements of 40 CFR Section 63.463(e) and (f), including records of written or verbal orders for replacement parts, a description of the repairs made, and additional monitoring conducted to demonstrate that monitored parameters have returned to accepted levels.</p> <p>3) Estimates of annual solvent consumption for each degreaser.</p>	40 CFR Section 63.467(b); Minn. R. 7011.7200
<p>Monthly Solvent Emissions Equation: The Permittee shall, on the first operating day of the month, using the records of all solvent additions and deletions for the previous month, determine solvent emissions (Eunit) from each solvent cleaning machine using the following equation:</p> <p>Eunit = SA - LSR - SSR</p> <p>Where:</p> <p>Eunit = The total halogenated HAP solvent emissions from the solvent cleaning machine during the most recent month (pounds of solvent per month)</p> <p>SA = The total amount of halogenated HAP liquid solvent added to the solvent cleaning machine during the most recent month (pounds of solvent per month)</p> <p>LSR = The total amount of halogenated HAP liquid solvent removed from the solvent cleaning machine during the most recent month (pounds of solvent per month)</p> <p>SSR = The total amount of halogenated HAP solvent removed from the solvent cleaning machine in solid waste, obtained as described in 40 CFR Section 63.471(c)(3), during the most recent month (pounds of solvent per month)</p>	40 CFR Section 63.471(c)(2); Minn. R. 7011.7200
<p>Solid Solvent Removed (SSR): The permittee shall, on the first operating day of the month, determine SSR using the method specified 40 CFR Section 63.471(c)(3)(i) or (ii).</p> <p>i) From tests conducted using EPA reference method 25d.</p> <p>ii) By engineering calculations included in the compliance report.</p>	40 CFR Section 63.471(c)(3); Minn. R. 7011.7200

TABLE A: LIMITS AND OTHER REQUIREMENTS
A-9 05/28/13

Facility Name: Nico Products Inc

Permit Number: 05300113 - 003

<p>12-month rolling total (unit): The Permittee shall on the first operating day of the month, determine the 12-month rolling unit total emissions, EunitTotal, for the 12-month period ending with the most recent month for all units using a halogenated HAP solvent, using the equation below:</p> $\text{EunitTotal} = \text{Sum} (\text{Eunit1} + \text{Eunit2} + \dots + \text{Eunit12})$ <p>Where:</p> <p>EunitTotal= The total halogenated HAP solvent emissions for a particular unit over the preceding 12 months (pounds)</p> <p>Eunit1= The total halogenated HAP solvent emissions from the solvent cleaning machine during the most recent month (pounds of solvent per month)</p> <p>Eunit2 + ... + Eunit12 = The total halogenated HAP solvent emissions from the solvent cleaning machine from the previous 11 months (pounds).</p>	40 CFR Section 63.471(c)(4); Minn. R. 7011.7200
<p>12-month rolling total (facility): The Permittee shall on the first operating day of the month, determine the 12-month rolling total emissions for the facility, ETotal, for the 12-month period ending with the most recent month using the equation below:</p> $\text{ETotal} = \text{Sum} (\text{Eunit1Total} + \text{Eunit2Total} + \dots + \text{Eunit(n)Total})$ <p>Where:</p> <p>ETotal= The total halogenated HAP solvent emissions for the facility over the preceding 12 months (pounds)</p> <p>Eunit(n)= The total halogenated HAP solvent emissions from a solvent cleaning machine during the most recent month (pounds of solvent per month).</p>	40 CFR Section 63.471(c)(5); Minn. R. 7011.7200
<p>The Permittee shall maintain records specified in 40 CFR Section 63.471(e)(1) through (3) either in electronic or written form for a period of 5 years. For purposes of this paragraph, "each solvent cleaning machine" means each solvent cleaning machine that is part of an affected facility regulated by this section.</p> <p>1) The dates and amounts of solvent that are added to each solvent cleaning machine.</p> <p>2) The solvent composition of wastes removed from each solvent cleaning machines as determined using the procedure described in 40 CFR Section 63.471(c)(3).</p> <p>3) Calculation sheets showing how monthly emissions and the 12-month rolling total emissions from each solvent cleaning machine were determined, and the results of all calculations.</p>	40 CFR Section 63.471(e); Minn. R. 7011.7200
REPORTING	hdr
<p>Emission Report: The Permittee shall submit a solvent emission report every year. This solvent emission report shall contain the requirements specified below.</p> <p>1) The average monthly solvent consumption for the affected facility in pounds per month.</p> <p>2) The 12-month rolling total solvent emission estimates calculated each month using the method as described in 40 CFR Section 63.471(c).</p> <p>3) This report shall be combined with the annual report listed in Table B of this permit, as required in 40 CFR Section 63.468(f) & (g) into a single report for each facility.</p>	40 CFR Section 63.471(h); Minn. R. 7011.7200
<p>The Permittee required to submit an exceedance report on a quarterly (or more frequent) basis may reduce the frequency of reporting to semiannual if the conditions in 40 CFR Section 63.468(i)(1) through (3) are met.</p> <p>1) The source has demonstrated a full year of compliance without an exceedance.</p> <p>2) The Permittee continues to comply with all relevant recordkeeping and monitoring requirements specified in 40 CFR Part 63.</p> <p>3) The Administrator does not object to a reduced frequency of reporting for the affected source as provided in 40 CFR Section 63.10(e)(3)(iii) of the General Provisions.</p>	40 CFR Section 63.468(i); Minn. R. 7011.7200

TABLE A: LIMITS AND OTHER REQUIREMENTS**A-10**

05/28/13

Facility Name: Nico Products Inc

Permit Number: 05300113 - 003

Subject Item: EU 012 Nickel #1 Tri-Chrome Plate**Associated Items:** GP 010 Metal Finishing Process Tanks

SV 002 Zone 1 Vent/Scrubber

What to do	Why to do it
General Provisions of 40 CFR pt. 63 applicable to 40 CFR pt. 63, subp. N are provided in Table 1 to 40 CFR pt. 63, subp. N.	40 CFR pt. 63
STANDARDS	hdr
A decorative chromium electroplating tank that uses a trivalent chromium bath that incorporates a wetting agent as a bath ingredient is subject to the recordkeeping and reporting requirements of 40 CFR Section 63.346(b)(14) and 63.347(i). The wetting agent must be an ingredient in the trivalent chromium bath components purchased as a package.	40 CFR Section 63.342(e)(1); Minn. R. 7011.7120
After September 21, 2015, the Permittee shall not add PFOS-based fume suppressants to any affected decorative chromium electroplating tank.	40 CFR Section 63.342(e)(2); Minn. R. 7011.7120
RECORDKEEPING	hdr
The Permittee shall maintain the following records: - Records of all maintenance performed on the affected source except routine housekeeping practices; - Records of the occurrence, duration, and cause (if known) of each malfunction of process equipment; - Records of actions taken during periods of malfunction to minimize emissions in accordance with 40 CFR Section 63.342(a)(1), including corrective actions to restore malfunctioning process equipment to its normal or usual manner of operation; - The total process operating time of the affected source during the reporting period; and -Records of the bath components purchased, with the wetting agent clearly identified as a bath constituent contained in one of the components.	40 CFR Section 63.346(b); Minn. R. 7011.7120
All records shall be maintained for a period of 5 years in accordance with 40 CFR Section 63.10(b)(1).	40 CFR Section 63.346(c); Minn. R. 7011.7120
REPORTING REQUIREMENTS	hdr
Within 30 days of a change to the trivalent chromium electroplating process, the Permittee shall submit a report that includes: i) A description of the manner in which the process has been changed and the emission limitation, if any, now applicable to the affected source; ii) If a different emission limitation applies, the applicable information required by 40 CFR Section 63.347(c)(1); and iii) The notification and reporting requirements of 40 CFR Section 63.347(d), (e), (f), (g), and (h), which shall be submitted in accordance with the schedules identified in those paragraphs.	40 CFR Section 63.347(i)(3); Minn. R. 7011.7120

TABLE A: LIMITS AND OTHER REQUIREMENTS**A-11**

05/28/13

Facility Name: Nico Products Inc

Permit Number: 05300113 - 003

Subject Item: EU 015 Nickel #2 Tri-Chrome Plate**Associated Items:** GP 010 Metal Finishing Process Tanks

SV 002 Zone 1 Vent/Scrubber

What to do	Why to do it
General Provisions of 40 CFR pt. 63 applicable to 40 CFR pt. 63, subp. N are provided in Table 1 to 40 CFR pt. 63, subp. N.	40 CFR pt. 63
STANDARDS	hdr
A decorative chromium electroplating tank that uses a trivalent chromium bath that incorporates a wetting agent as a bath ingredient is subject to the recordkeeping and reporting requirements of 40 CFR Section 63.346(b)(14) and 63.347(i). The wetting agent must be an ingredient in the trivalent chromium bath components purchased as a package.	40 CFR Section 63.342(e)(1); Minn. R. 7011.7120
After September 21, 2015, the Permittee shall not add PFOS-based fume suppressants to any affected decorative chromium electroplating tank.	40 CFR Section 63.342(e)(2); Minn. R. 7011.7120
RECORDKEEPING	hdr
The Permittee shall maintain the following records: - Records of all maintenance performed on the affected source except routine housekeeping practices; - Records of the occurrence, duration, and cause (if known) of each malfunction of process equipment; - Records of actions taken during periods of malfunction to minimize emissions in accordance with 40 CFR Section 63.342(a)(1), including corrective actions to restore malfunctioning process equipment to its normal or usual manner of operation; - The total process operating time of the affected source during the reporting period; and -Records of the bath components purchased, with the wetting agent clearly identified as a bath constituent contained in one of the components.	40 CFR Section 63.346(b); Minn. R. 7011.7120
All records shall be maintained for a period of 5 years in accordance with 40 CFR Section 63.10(b)(1).	40 CFR Section 63.346(c); Minn. R. 7011.7120
REPORTING REQUIREMENTS	hdr
Within 30 days of a change to the trivalent chromium electroplating process, the Permittee shall submit a report that includes: i) A description of the manner in which the process has been changed and the emission limitation, if any, now applicable to the affected source; ii) If a different emission limitation applies, the applicable information required by 40 CFR Section 63.347(c)(1); and iii) The notification and reporting requirements of 40 CFR Section 63.347(d), (e), (f), (g), and (h), which shall be submitted in accordance with the schedules identified in those paragraphs.	40 CFR Section 63.347(i)(3); Minn. R. 7011.7120

TABLE A: LIMITS AND OTHER REQUIREMENTS**A-12**

05/28/13

Facility Name: Nico Products Inc

Permit Number: 05300113 - 003

Subject Item: EU 112 Boiler #1**Associated Items:** SV 012 Boiler

What to do	Why to do it
General Provisions of 40 CFR pt. 63 applicable to 40 CFR pt. 63, subp. DDDDD are provided in Table 10 of 40 CFR pt. 63, subp. DDDDD.	40 CFR pt. 63
Total Particulate Matter: less than or equal to 0.4 lbs/million Btu heat input . The potential to emit based on allowable fuels is 0.0077 lb/MMBtu.	Minn. R. 7011.0515, subp. 1
Opacity: less than or equal to 20 percent opacity except for one six-minute period per hour of not more than 60 percent opacity.	Minn. R. 7011.0515, subp. 2
Fuel Type: only natural gas or propane, by design.	Minn. R. 7005.0100, subp. 35a
Fuel Recordkeeping: The Permittee shall keep records of fuel type and usage on a monthly basis.	Minn. R. 7007.0800, subp. 4 and 5
APPLICABILITY	hdr
The Permittee must comply with 40 CFR pt. 63, subp. DDDDD no later than January 31, 2016, except as provided in 40 CFR Section 63.6(i).	40 CFR Section 63.7495(b)
For use in 40 CFR pt. 63, subp. DDDDD, natural gas is defined as: 1) A naturally occurring mixture of hydrocarbon and nonhydrocarbon gases found in geologic formations beneath the earth's surface, of which the principal constituent is methane; or 2) Liquefied petroleum gas, as defined in ASTM D1835 (incorporated by reference, see 40 CFR Section 63.14); or 3) A mixture of hydrocarbons that maintains a gaseous state at ISO conditions. Additionally, natural gas must either be composed of at least 70 percent methane by volume or have a gross calorific value between 35 and 41 megajoules (MJ) per dry standard cubic meter (950 and 1,100 Btu per dry standard cubic foot); or 4) Propane or propane derived synthetic natural gas. Propane means a colorless gas derived from petroleum and natural gas, with the molecular structure C ₃ H ₈ .	40 CFR Section 63.7575
NOTIFICATIONS	hdr
Content of Notification of Compliance Status: The Notification of Compliance Status must contain the following information: - A description of the affected unit(s) including identification of which subcategories the unit is in, the design heat input capacity of the unit, a description of the add-on controls used on the unit to comply with this subpart, description of the fuel(s) burned, including whether the fuel(s) were a secondary material determined by you or the EPA through a petition process to be a non-waste under 40 CFR Section 241.3, whether the fuel(s) were a secondary material processed from discarded non-hazardous secondary materials within the meaning of 40 CFR Section 241.3, and justification for the selection of fuel(s) burned during the compliance demonstration; and (continued)	40 CFR Section 63.7545(e)
Content of Notification on Compliance Status, continued: - In addition to the information required in 40 CFR Section 63.9(h)(2), the notification of compliance status must include the following certifications of compliance and be signed by a responsible official: i) "This facility complies with the required initial tune-up according to the procedures in 40 CFR Section 63.7540(a)(10)(i) through (vi)." ii) "This facility has had an energy assessment performed according to 40 CFR Section 63.7530(e)."	(continued from above)
REPORTING	hdr

TABLE A: LIMITS AND OTHER REQUIREMENTS**A-13**

05/28/13

Facility Name: Nico Products Inc

Permit Number: 05300113 - 003

Subject Item: EU 113 Boiler #2**Associated Items: SV 013 Boiler**

What to do	Why to do it
General Provisions of 40 CFR pt. 63 applicable to 40 CFR pt. 63, subp. DDDDD are provided in Table 10 of 40 CFR pt. 63, subp. DDDDD.	40 CFR pt. 63
Total Particulate Matter: less than or equal to 0.4 lbs/million Btu heat input . The potential to emit based on allowable fuels is 0.0077 lb/MMBtu.	Minn. R. 7011.0515, subp. 1
Opacity: less than or equal to 20 percent opacity except for one six-minute period per hour of not more than 60 percent opacity.	Minn. R. 7011.0515, subp. 2
Fuel Type: only natural gas or propane, by design.	Minn. R. 7005.0100, subp. 35a
Fuel Recordkeeping: The Permittee shall keep records of fuel type and usage on a monthly basis.	Minn. R. 7007.0800, subp. 4 and 5
APPLICABILITY	hdr
The Permittee must comply with 40 CFR pt. 63, subp. DDDDD no later than January 31, 2016, except as provided in 40 CFR Section 63.6(i).	40 CFR Section 63.7495(b)
For use in 40 CFR pt. 63, subp. DDDDD, natural gas is defined as: 1) A naturally occurring mixture of hydrocarbon and nonhydrocarbon gases found in geologic formations beneath the earth's surface, of which the principal constituent is methane; or 2) Liquefied petroleum gas, as defined in ASTM D1835 (incorporated by reference, see 40 CFR Section 63.14); or 3) A mixture of hydrocarbons that maintains a gaseous state at ISO conditions. Additionally, natural gas must either be composed of at least 70 percent methane by volume or have a gross calorific value between 35 and 41 megajoules (MJ) per dry standard cubic meter (950 and 1,100 Btu per dry standard cubic foot); or 4) Propane or propane derived synthetic natural gas. Propane means a colorless gas derived from petroleum and natural gas, with the molecular structure C ₃ H ₈ .	40 CFR Section 63.7575
NOTIFICATIONS	hdr
Content of Notification of Compliance: The Notification of Compliance Status must contain the following information: - A description of the affected unit(s) including identification of which subcategories the unit is in, the design heat input capacity of the unit, a description of the add-on controls used on the unit to comply with this subpart, description of the fuel(s) burned, including whether the fuel(s) were a secondary material determined by you or the EPA through a petition process to be a non-waste under 40 CFR Section 241.3, whether the fuel(s) were a secondary material processed from discarded non-hazardous secondary materials within the meaning of 40 CFR Section 241.3, and justification for the selection of fuel(s) burned during the compliance demonstration; and (continued)	40 CFR Section 63.7545(e)
Content of Notification of Compliance Status, continued: - In addition to the information required in 40 CFR Section 63.9(h)(2), the notification of compliance status must include the following certifications of compliance and be signed by a responsible official: i) "This facility complies with the required initial tune-up according to the procedures in 40 CFR Section 63.7540(a)(10)(i) through (vi)." ii) "This facility has had an energy assessment performed according to 40 CFR Section 63.7530(e)."	(continued from above)
REPORTING	hdr

TABLE A: LIMITS AND OTHER REQUIREMENTS**A-14**

05/28/13

Facility Name: Nico Products Inc

Permit Number: 05300113 - 003

Subject Item: EU 179 Nickel Hoist Line - Tri Chrome**Associated Items:** GP 010 Metal Finishing Process Tanks

SV 008 South Hand Line Area Vent

What to do	Why to do it
General Provisions of 40 CFR pt. 63 applicable to 40 CFR pt. 63, subp. N are provided in Table 1 to 40 CFR pt. 63, subp. N.	40 CFR pt. 63
STANDARDS	hdr
A decorative chromium electroplating tank that uses a trivalent chromium bath that incorporates a wetting agent as a bath ingredient is subject to the recordkeeping and reporting requirements of 40 CFR Section 63.346(b)(14) and 63.347(i). The wetting agent must be an ingredient in the trivalent chromium bath components purchased as a package.	40 CFR Section 63.342(e)(1); Minn. R. 7011.7120
After September 21, 2015, the Permittee shall not add PFOS-based fume suppressants to any affected decorative chromium electroplating tank.	40 CFR Section 63.342(e)(2); Minn. R. 7011.7120
RECORDKEEPING	hdr
The Permittee shall maintain the following records: - Records of all maintenance performed on the affected source except routine housekeeping practices; - Records of the occurrence, duration, and cause (if known) of each malfunction of process equipment; - Records of actions taken during periods of malfunction to minimize emissions in accordance with 40 CFR Section 63.342(a)(1), including corrective actions to restore malfunctioning process equipment to its normal or usual manner of operation; - The total process operating time of the affected source during the reporting period; and -Records of the bath components purchased, with the wetting agent clearly identified as a bath constituent contained in one of the components.	40 CFR Section 63.346(b); Minn. R. 7011.7120
All records shall be maintained for a period of 5 years in accordance with 40 CFR Section 63.10(b)(1).	40 CFR Section 63.346(c); Minn. R. 7011.7120
REPORTING REQUIREMENTS	hdr
Within 30 days of a change to the trivalent chromium electroplating process, the Permittee shall submit a report that includes: i) A description of the manner in which the process has been changed and the emission limitation, if any, now applicable to the affected source; ii) If a different emission limitation applies, the applicable information required by 40 CFR Section 63.347(c)(1); and iii) The notification and reporting requirements of 40 CFR Section 63.347(d), (e), (f), (g), and (h), which shall be submitted in accordance with the schedules identified in those paragraphs.	40 CFR Section 63.347(i)(3); Minn. R. 7011.7120

TABLE B: SUBMITTALS

B-1 05/28/13

Facility Name: Nico Products Inc
Permit Number: 05300113 - 003

Also, where required by an applicable rule or permit condition, send to the Permit Document Coordinator notices of:

- accumulated insignificant activities,
- installation of control equipment,
- replacement of an emissions unit, and
- changes that contravene a permit term.

Send submittals that are required to be submitted to the U.S. EPA regional office to:

Chief Air Enforcement
Air and Radiation Branch
EPA Region V
77 West Jackson Boulevard
Chicago, Illinois 60604

Each submittal must be postmarked or received by the date specified in the applicable Table. Those submittals required by parts 7007.0100 to 7007.1850 must be certified by a responsible official, defined in Minn. R. 7007.0100, subp. 21. Other submittals shall be certified as appropriate if certification is required by an applicable rule or permit condition.

Send submittals that are required by the Acid Rain Program to:

U.S. Environmental Protection Agency
Clean Air Markets Division
1200 Pennsylvania Avenue NW (6204N)
Washington, D.C. 20460

Send any application for a permit or permit amendment to:

Fiscal Services
Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, Minnesota 55155-4194

Table B lists most of the submittals required by this permit. Please note that some submittal requirements may appear in Table A or, if applicable, within a compliance schedule located in Table C. Table B is divided into two sections in order to separately list one-time only and recurrent submittal requirements.

Unless another person is identified in the applicable Table, send all other submittals to:

AQ Compliance Tracking Coordinator
Industrial Division
Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, Minnesota 55155-4194

TABLE B: ONE TIME SUBMITTALS OR NOTIFICATIONS**B-2** 05/28/13

Facility Name: Nico Products Inc

Permit Number: 05300113 - 003

What to send	When to send	Portion of Facility Affected
Application for Permit Reissuance	due 180 days before expiration of Existing Permit.	Total Facility
Initial Compliance Status Report	due 1,825 days after 01/31/2016. The Initial Compliance Report must cover the period beginning on the compliance date that is specified in 40 CFR Section 63.7495 and ending on January 31 at least 5 years after the compliance date that is specified for the source in 40 CFR Section 63.7495.	EU113
Initial Compliance Status Report	due 730 days after 01/31/2016. The Initial Compliance Report must cover the period beginning on the compliance date that is specified in 40 CFR Section 63.7495 and ending on January 31 at least 2 years after the compliance date that is specified for the source in 40 CFR Section 63.7495.	EU112
Notification of compliance status	due 30 days after 09/19/2014 that contains an update of the information submitted in accordance with 40 CFR Section 63.347(i)(1) or a statement that the information is still accurate.	EU012, EU015, EU179
Notification of compliance status	due 60 days after Demonstration Completion of initial compliance. The report shall contain the information specified in Table A of this permit under EU 112.	EU112
Notification of compliance status	due 60 days after Demonstration Completion of initial compliance. The report shall contain the information specified in Table A of this permit under EU 113.	EU113

TABLE B: RECURRENT SUBMITTALS**B-3** 05/28/13

Facility Name: Nico Products Inc

Permit Number: 05300113 - 003

What to send	When to send	Portion of Facility Affected
Deviations Report	<p>due 30 days after end of each calendar half-year starting 12/02/1994 (Exceedance Report) assuming no exceedance has occurred. If an exceedance has occurred, the frequency of submittal shall be increased to a quarterly submittal according to 40 CFR Section 63.468(h) or (i). The Exceedance Report shall include:</p> <p>1) Information on actions taken to comply with 40 CFR Section 63.463(e) and (f), including records of written or verbal orders for replacement parts, a description of the repairs made, and additional monitoring conducted to demonstrate that monitored parameters have returned to accepted levels.</p> <p>2) If an exceedance has occurred, the reason for the exceedance and a description of the actions taken.</p> <p>3) If no exceedance has occurred, or if a piece of equipment has not been inoperative, out of control, repaired, or adjusted, such information shall be stated in the report.</p>	EU001
Semiannual Deviations Report	<p>due 30 days after end of each calendar half-year following Permit Issuance. The first semiannual report submitted by the Permittee shall cover the calendar half-year in which the permit is issued. The first report of each calendar year covers January 1 - June 30. The second report of each calendar year covers July 1 - December 31. If no deviations have occurred, the Permittee shall submit the report stating no deviations.</p>	Total Facility
Annual Report	<p>due 32 days after end of each calendar year starting 12/02/1994. The Permittee shall submit an annual report by February 1 of each year following the one for which the report is being made. This report shall include the following:</p> <p>1) a signed statement from the stating that, "All operators of solvent cleaning machines have received training on the proper operation of solvent cleaning machines and their control devices sufficient to pass the test required in 40 CFR Section 63.463(d)(10)."; and</p> <p>2) an estimate of the solvent consumption for each solvent cleaning machine during the reporting period.</p>	EU001
Compliance Certification	<p>due 31 days after end of each calendar year following Permit Issuance (for the previous calendar year). The Permittee shall submit this on a form approved by the Commissioner, both to the Commissioner and to the US EPA regional office in Chicago. This report covers all deviations experienced during the calendar year.</p>	Total Facility

TABLE B: RECURRENT SUBMITTALS**B-4** 05/28/13

Facility Name: Nico Products Inc

Permit Number: 05300113 - 003

Compliance Status Report	<p>due 31 days after end of each calendar 24 months following Initial Compliance Status Report. Biennial compliance reports must cover the 2-year period from January 1 to December 31.</p> <p>The Compliance Report must contain the following:</p> <ul style="list-style-type: none">- Company and Facility name and address.- Process unit information, emissions limitations, and operating parameter limitations.- Date of report and beginning and ending dates of the reporting period.- The total operating time during the reporting period.- Include the date of the most recent tune-up for each unit subject to only the requirement to conduct a biennial tune-up according to 40 CFR Section 63.7540(a)(11). Include the date of the most recent burner inspection if it was not done biennially and was delayed until the next scheduled or unscheduled unit shutdown.	EU112
Compliance Status Report	<p>due 31 days after end of each calendar 60 months following Initial Compliance Status Report. Biennial compliance reports must cover the 5-year period from January 1 to December 31.</p> <p>The Compliance Report must contain the following:</p> <ul style="list-style-type: none">- Company and Facility name and address.- Process unit information, emissions limitations, and operating parameter limitations.- Date of report and beginning and ending dates of the reporting period.- The total operating time during the reporting period.- Include the date of the most recent tune-up for each unit subject to only the requirement to conduct a 5-year tune-up according to 40 CFR Section 63.7540(a)(12). Include the date of the most recent burner inspection if it was not done on a 5-year period and was delayed until the next scheduled or unscheduled unit shutdown.	EU113

APPENDIX MATERIAL

Facility Name: Nico Products, Inc.

Permit Number: 05300113-003

APPENDIX I: Insignificant Activities and Applicable Requirements

Insignificant Activities Required to Be Listed

Minn. R.	Rule Description of the Activity	Applicable Requirement
7007.1300, subp. 3(G)	Emissions from a laboratory, as defined in the subpart. <i>The Facility operates a laboratory on-site.</i>	Minn. R. 7011.0715 (PM and opacity)
7007.1300, subp. 3(H)	Miscellaneous: 3. brazing, soldering or welding equipment; <i>The Facility operates welding equipment as part of maintenance activities.</i>	Minn. R. 7011.0715 (PM and opacity)
	7. cleaning operations: alkaline/phosphate cleaners and associated cleaners and associated burners. <i>The Facility operates alkaline/phosphate cleaners and associated burners.</i>	Minn. R. 7011.0715 (PM and opacity)
7007.1300, subp. 3(I)	Individual emissions units at a stationary source, each of which have a potential to emit the following pollutants in amounts less than: 1. 4,000 lbs/year of carbon monoxide; 2. 2,000 lbs/year each of nitrogen oxide, sulfur dioxide, particulate matter, particulate matter less than ten microns, volatile organic compounds (including hazardous air pollutant-containing VOC), and ozone; and 3. 1,000 tons/year of CO ₂ e <i>The facility has 177 process tanks that qualify under this subpart.</i> <i>The Facility operates several natural gas burning units totaling 2.5 MMBtu/hr.</i>	Minn. R. 7011.0515 (PM and opacity)

Conditionally Insignificant Activities

Minn. R.	Rule Description of the Activity	Applicable Requirement
7008.4110	<p>Emissions from equipment venting particulate matter (PM) or particulate matter less than 10 microns (PM₁₀) inside a building, provided that emissions from the equipment are:</p> <p>a. filtered through an air cleaning system; and</p> <p>b. vented inside of the building 100% of the time.</p> <p><i>The Facility has sand blasting equipment.</i></p>	Minn. R. 7011.0715 (PM and opacity)