

AIR POLLUTION CONTROL PERMIT TO CONSTRUCT

Permittee Name: Integrity Windows and Doors	Permit Number: ACP-18318 v 1.0
Permittee Address: 1616 43 rd Street NW Fargo, ND 58102	Source Description: Synthetic Minor Source
Source Name & Location: Integrity Windows and Doors-Fargo 1616 - 43 rd Street NW Fargo, ND 58102 Cass County	Source Type: Manufacturing: Window/Door
Date of Application:	November 25, 2025

Pursuant to Chapter 23.1-06 of the North Dakota Century Code, the North Dakota Air Pollution Control Rules (North Dakota Administrative Code [NDAC] 33.1-15), and in reliance on statements and representations heretofore made by the permittee (i.e., owner) designated above, a Permit to Construct (PTC, also referred to as 'permit') is hereby issued authorizing such permittee to construct and initially operate the source unit(s) listed in Condition 1 at the location designated above. The source may be operated under this PTC until a Permit to Operate (PTO) is issued. This PTC is subject to all applicable rules and orders now or hereafter in effect of the North Dakota Department of Environmental Quality (Department), state and federal regulations, and to any conditions specified below:

Date: _____

James L. Semerad
Director
Division of Air Quality

1. Project and Facility Emissions Units:

This PTC establishes the source as a synthetic minor source with limits on the generator engines and paint booths. This PTC does not affect the operation of the facility emissions units, does not allow for the construction of any new emissions units at the facility, and does not allow for the modification or reconstruction of any existing emissions units.

ACP-18318 v1.0_AQEA Memo details the facility wide emission profile and regulation analysis associated with this permit.

Table 1-1 lists all emissions units associated with the facility upon Project completion.

Table 1-1: Facility Emissions Units

Emission Unit Description	Emission Unit (EU)	Emission Point (EP)	Air Pollution Control Equipment
Cummins KTA38-GA diesel-fired generator engine set rated at 1,490 bhp manufactured September 7, 1995 (NESHAP/MACT ZZZZ)	1	1	Catalytic Oxidizer
Cummins QST30-G5 diesel-fired generator engine set rated at 1,490 bhp manufactured September 26, 2000 (NESHAP/MACT ZZZZ)	2	2	Catalytic Oxidizer
Induced air, natural gas-fired make-up air heater rated at 3.1×10^6 Btu/hr	3	3	None
Induced air, natural gas-fired make-up air heater rated at 3.6×10^6 Btu/hr	4	4	None
Thirty-six natural gas-fired heater systems with heat input ratings ranging from 240,000 – 400,000 Btu/hr each	Various	Various	None
Four automated paint spray booths with flow coating capabilities	A1 through A4	A1 through A4	Particulate Filter
Three natural gas-fired curing ovens rated at 400,000 Btu/hr each	O1 through O3	O1 through O3	None
Natural gas-fired curing oven rated at 691,200 Btu/hr	O4	O4a & O4b	None
Three manual paint spray booths	M1 through M3	M1 through M3	Particulate Filter
Four portable paint booths	P1 through P4	P1 through P4	Particulate Filter

2. Applicable Standards, Restrictions and Miscellaneous Conditions:

A. Rescinded PTC:

Upon the issuance date of this permit, ACP-17874 v1.0 (PTC18018) and ACP-17525 v1.0 (PTC13029) are rescinded in their entirety and replaced with the conditions of this permit.

B. National Emissions Standards for Hazardous Air Pollutants (NESHAP) for Source Categories/Maximum Achievable Control Technology (MACT):

The permittee must comply with all applicable requirements of the following MACT subparts, in addition to Subpart A, as referenced in NDAC 33.1-15-22 and 40 CFR 63.

- 1) MACT ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (EUs 1 & 2). The North Dakota Department of Environmental Quality has not adopted the area source provisions of this subpart. Please send all documentation in accordance with EPA regulations to U.S. EPA Region 8.

C. Fuel Restrictions:

- 1) The heaters and curing ovens (EUs 3, 4, Various, & O1 through O4) are restricted to combusting only natural gas containing no more than 2 grains of sulfur per 100 standard cubic feet. Combusting pipeline quality natural gas meets this requirement.
- 2) The generators (EUs 1 & 2) are restricted to combusting only distillate oil containing no more than 0.0015 percent sulfur by weight.

D. Recordkeeping and Reporting Requirements:

- 1) The permittee shall record the hours each generator (EUs 1 & 2) is operated each month and determine the total amount of hours operated for the previous month and previous 12-month period (12-month rolling total). If the hours operated during the previous 12-month period exceeds 500 hours for a single generator, the owner/operator shall notify the Department within 10 days. The records shall be kept for five years and submitted to the Department upon request.

3. Emission Unit Limits:

Emission limits from the operation of the source unit(s) identified in Table 1-1 of this PTC are as follows in Table 3-1. Source units not listed are subject to the applicable emission limits specified in NDAC 33.1-15.

Table 3-1: Summary of Permit Emissions Limits

Emission Unit Description	EU	EP	Pollutant/Parameter	Emission Limit ^A
Generator Engines	1 & 2	1 & 2	Opacity Hours	20% ^B 500 hrs/yr (12-month rolling total)
Paint booths	A1 through A4, M1 through M3, & P1 through P4	A1 through A4, M1 through M3, & P1 through P4	Opacity	20% ^B
Curing ovens	O1 through O4	O1 through O4b	Opacity	20% ^B
Natural gas-fired heaters	3, 4, & Various	3, 4, & Various	Opacity	20% ^B

^A Emission limit(s) applies to each emission unit.

^B 40% opacity is permissible for not more than one six-minute period per hour.

4. Emission Testing Requirements:

The Department may require the permittee to conduct tests to determine the emission rate of air contaminants from the source. The Department may observe the testing and may specify testing methods to be used. A signed copy of the test results shall be furnished to the Department within 60 days of the test date. The basis for this condition is NDAC 33.1-15-01-12 which is hereby incorporated into this permit by reference. To facilitate preparing for and conducting such tests, and to facilitate reporting the test results to the Department, the permittee shall follow the procedures and formats in the Department's Emission Testing Guideline.

5. General Conditions (Action Required):

A. Modification:

Any alteration, repair, expansion, or change in the method or physical operation of the source which results in the emission of an additional type or greater amount of air contaminants, or which results in an increase in the ambient concentration of any air contaminant is considered a modification and must be reviewed and approved by the Department before implementation. The Department must be notified 10 days in advance of any significant deviations from the application. The issuance of this PTC may be suspended or revoked if the Department determines that a significant deviation has been or is to be made without the proper review or approval.

Applicable requirement: NDAC 33.1-15-14-02.9.d

B. Like-Kind Emission Unit Replacement:

This permit allows the permittee to replace an existing emission unit with a like-kind unit. Replacement is subject to the following conditions:

- 1) The replacement unit is subject to the same emission limits and performance testing requirements—both state and federal—as the existing unit. The facility must comply with any additional federal standards (e.g. NSPS, MACT) triggered by the replacement.
- 2) The Department must be notified within 10 days of replacement. The date of manufacture of the replacement unit and any additional federal applicability must be included in the notification.
- 3) The replacement unit must operate in the same manner without increasing throughput and have equal or less emissions than the unit it is replacing.
- 4) Testing must be conducted to confirm compliance with emission limits within 180 days after start-up of the replacement unit. Emergency units must not be required to test if replaced by a like-kind unit.

Applicable requirement: NDAC 33.1-15-14-02.9.d

C. Annual Emission Inventory/Annual Production Reports:

The permittee must submit an annual emission inventory report and/or an annual production report upon Department request on forms approved by the Department.

Applicable requirement: NDAC 33.1-15-14-02.9.d

D. Malfunction Notification:

The permittee must notify the Department of any malfunction which can be expected to last longer than 24 hours and can cause the emission of air contaminants in violation of applicable rules and regulations. Using empirical estimates of emission rates, the permittee must conservatively estimate if the malfunction can cause noncompliance.

Applicable requirement: NDAC 33.1-15-01-13.2.a

E. Transfer of Permit to Construct:

The holder of a PTC may not transfer such permit without prior approval from the Department.

Applicable requirement: NDAC 33.1-15-14-02.11

6. General Conditions (Obligations):

A. Operation:

Operation of the facility must be in accordance with the permit application—which includes technical supplements, revisions, and supporting data. Any operations not listed in this permit are subject to all applicable NDAC 33.1-15 requirements. At all times, including periods of startup, shutdown, and malfunction, the permittee must, to the extent practicable, maintain and operate any

affected facility—including associated air pollution control equipment—in a manner consistent with good practice for minimizing emissions.

Applicable requirements: NDAC 33.1-15-12, NDAC 33.1-15-22

B. Recordkeeping:

The permittee must maintain any compliance monitoring records required by this permit or applicable requirements for a period of at least five years (unless otherwise stated) from the date of the monitoring sample, measurement, report or application. Support information may include all calibration and maintenance records, all original strip-chart recordings and computer printouts for continuous monitoring instrumentation, and copies of all reports required by the permit.

Applicable requirements: NDAC 33.1-15-14-02.9.d

C. Control of Organic Compound Emissions:

The permittee must comply with all applicable requirements of NDAC 33.1-15-07, which establishes requirements for the construction of organic compound facilities related to closed-vent systems, control devices, and seals and for the control of VOC vapors using a continuously burning pilot flare or other equally effective control device.

D. Internal Combustion Engine Emissions Restricted:

The permittee must comply with all applicable requirements of NDAC 33.1-15-08-01, which restricts the operation of internal combustion engines which emit, from any source, unreasonable and excessive smoke, obnoxious or noxious gas, fumes or vapor.

E. Restriction of Fugitive Emissions:

The release of fugitive emissions must comply with the applicable requirements in NDAC 33.1-15-17, which restricts particulate matter and gaseous fugitive emissions that would violate other regulations.

F. Permit Invalidation:

This permit must be effective from the date of its issuance unless suspended, revoked or surrendered. The violation of any condition of this permit may result in revocation or suspension of the permit or other appropriate enforcement action. If any provision or application of a provision of this permit is held invalid in any circumstance, the remainder of this permit must remain valid.

Applicable requirement: NDAC 33.1-15-14-02.9

G. Nuisance or Danger:

This permit must in no way authorize the maintenance of a nuisance or a danger to public health or safety.

Applicable requirements: NDAC 33.1-15-02-03, NDAC 33.1-15-14-02.9.c

H. Right of Entry:

Any duly authorized officer, employee, or agent of the Department may enter and inspect any property, premise, or place at which the source is located at any time for the purpose of ascertaining compliance with NDAC 33.1-15. The Department may inspect monitoring equipment, conduct tests, and take samples of air contaminants, fuel, processing material, and other materials, which affect or may affect the emission of air contaminants from any source. The Department must have the right to access and copy any records required by the Department.

Applicable requirement: NDAC 33.1-15-01-06, NDCC 23.1-06-11

7. State Enforceable Conditions (Not Federally Enforceable):

A. Emissions of Odorous Substances Restricted:

The permittee must not discharge into the ambient air any objectionable odorous air contaminant which measures seven odor concentration units or greater.

Applicable requirement: NDAC 33.1-15-16