

New York State Department of Environmental Conservation

Permit Review Report

Permit ID: 6-2126-00023/00069 Renewal Number: 1



01/12/2006

Facility Identification Data

Name: UNION TOOLS INC
Address: 4167 ACME RD
FRANKFORT, NY 13340

Owner/Firm

Name: UNION TOOLS INC
Address: 390 WEST NATIONWIDE BOULEVARD
COLUMBUS, OH 43215-2382, USA
Owner Classification: Corporation/Partnership

Permit Contacts

Division of Environmental Permits:
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Division of Air Resources:
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Air Permitting Facility Owner Contact:
Name: ANTHONY MALINE
Address: UNION TOOLS INC
4167 ACME RD
FRANKFORT, NY 13340

Permit Description

Introduction

The Title V operating air permit is intended to be a document containing only enforceable terms and conditions as well as any additional information, such as the identification of emission units, emission points, emission sources and processes, that makes the terms meaningful. 40 CFR Part 70.7(a)(5) requires that each Title V permit have an accompanying "...statement that sets forth the legal and factual basis for the draft permit conditions". The purpose for this permit review report is to satisfy the above requirement by providing pertinent details regarding the permit/application data and permit conditions in a more easily understandable format. This report will also include background narrative and explanations of regulatory decisions made by the reviewer. It should be emphasized that this permit review report, while based on information contained in the permit, is a separate document and is not itself an enforceable term and condition of the permit.

Summary Description of Proposed Project

Application for renewal of Air Title V Facility.

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Attainment Status

UNION TOOLS INC is located in the town of FRANKFORT in the county of HERKIMER. The attainment status for this location is provided below. (Areas classified as attainment are those that meet all ambient air quality standards for a designated criteria air pollutant.)

Criteria Pollutant	Attainment Status
Particulate Matter (PM)	ATTAINMENT
Particulate Matter < 10µ in diameter (PM10)	ATTAINMENT
Sulfur Dioxide (SO2)	ATTAINMENT
Ozone* ATTAINMENT)	TRANSPORT REGION (NON-ATTAINMENT)
Oxides of Nitrogen (NOx)**	ATTAINMENT
Carbon Monoxide (CO)	ATTAINMENT

* Ozone is regulated in terms of the emissions of volatile organic compounds (VOC) and/or oxides of nitrogen (NOx) which are ozone precursors.
** NOx has a separate ambient air quality standard in addition to being an ozone precursor

Facility Description

Union Tools is a manufacturer of garden implements and hand tools such as snow shovels, shovels, forks and rakes. The operation and processes include wood working, metal stamping, forming, heat treating, finish painting and assembly, packing and shipping of finished goods.

Permit Structure and Description of Operations

The Title V permit for UNION TOOLS INC is structured in terms of the following hierarchy: facility, emission unit, emission point, emission source and process. A facility is defined as all emission sources located at one or more adjacent or contiguous properties owned or operated by the same person or persons under common control. The facility is subdivided into one or more emission units (EU). Emission units are defined as any part or activity of a stationary facility that emits or has the potential to emit any federal or state regulated air pollutant. An emission unit is represented as a grouping of processes (defined as any activity involving one or more emission sources (ES) that emits or has the potential to emit any federal or state regulated air pollutant). An emission source is defined as any apparatus, contrivance or machine capable of causing emissions of any air contaminant to the

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outdoor atmosphere, including any appurtenant exhaust system or air cleaning device.

[NOTE: Indirect sources of air contamination as defined in 6 NYCRR Part 203 (i.e. parking lots) are excluded from this definition]. The applicant is required to identify the principal piece of equipment (i.e., emission source) that directly results in or controls the emission of federal or state regulated air pollutants from an activity (i.e., process). Emission sources are categorized by the following types:

- combustion - devices which burn fuel to generate heat, steam or power
- incinerator - devices which burn waste material for disposal
- control - emission control devices
- process - any device or contrivance which may emit air contaminants that is not included in the above categories.

UNION TOOLS INC is defined by the following emission unit(s):

Emission unit 01WOOD - Sawmill operations. Emissions are exhausted through cyclone dust collectors.

Emission unit 01WOOD is associated with the following emission points (EP):
00161

It is further defined by the following process(es):

Process: 017Conveyor to load wood waste onto trucks

Process: 025Cyclone collection of wood chips from milling operations

Emission unit 03COAT - Handle-Dip Coating.

Emission unit 03COAT is associated with the following emission points (EP):

00017, 00018, 00019, 00026, 00027, 0003A, 0003B, 0003C, 0003D, 0003E, 0003F, 0003G, 0003H, 0026A, 0026B, 0027A, 0027B, 0027C, 0027D, 0027E

It is further defined by the following process(es):

Process: 007 is located at 1, Building 202 - General exhaust for conveyORIZED paint line.

Process: 008 is located at 1, Building 202 - Double conveyORIZED paint drying operation.

Process: 009 is located at 1, Building 202 - Automatic paint dipping line.

Process: 00D is located at 1, Building 3 - General exhaust mounted in wall to vent paint fumes from dipping operation.

Process: 010 is located at 1, Building 212 - Handle dipping operations - wood handles

Process: 011 is located at 1, Building 304 - Ventilation system for paint dipping operation.

Process: 018 is located at 1, Building 201 - Exhaust system for painting of shovels

Process: 019 is located at 1, Building 202 - Exhaust system for painting of shovels.

Process: 01A is located at 1, Building 202 - Exhaust system for spray booth - touch up operation.

Process: 01B is located at 1, Building 202 - Exhaust for spray booth touch up operation

Process: 01C is located at 1, Building 202 - Exhaust for touch up spray operation

Process: 01D is located at 1, Building 201 - Exhaust for spray coating operation

Process: 01E is located at 1, Building 202 - Spray coating operation of metal shovels

Process: 022 is located at 1, Building 3 - General exhaust to remove wax fumes from dip operations.

Process: 023 is located at 1, Building 212 - General exhaust to remove fumes from handle dipping operation

Process: 02A is located at 1, Building 304 - Automatic paint dipping line

Process: 02B is located at 1, Building 304 - Automatic paint dipping operations



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Process: 02C is located at 1, Building 304 - Automatic plant dipping operation
Process: 02D is located at 1, Building 304 - Automatic paint dipping operation
Process: 02E is located at 1, Building 304 - Ventilation system for paint dipping operation
Process: 02F is located at 1, Building 202 - Exhaust system for paint dipping operation
Process: 02G is located at 1st Floor, Building 16 - Shovel heads are tumbled and then dip painted with a water based paint.
Process: 03A is located at 1, Building 213 - General exhaust system mounted in wall to vent paint fumes from dip operations.

Emission unit 2COAT2 - Coating operations consisting of metal and wood coating. Three dipping and one spraying processes.

Emission unit 2COAT2 is associated with the following emission points (EP):

00006, 00029, 00030, 00038, 0028A, 0028B, 0028C, 0028D, 0028E, 0028F, 0029A, 0030A

It is further defined by the following process(es):

Process: 004 is located at 1, Building 202 - General exhaust for conveyORIZED paint dipping operation.

Process: DBU is located at Building 306 - BURN OFF OVEN

Process: DIP is located at Building 203 - This process involves three dip coating lines. Parts are dipped and dried in either an oven or open room air. Handle Dip (HDDIP) and Endless Conveyor Dip (ECDIP) parts are air dried. Antirust Dip (ARDIP) parts are cured in a baking oven (ARBAK). Parts are suspended on hangers and dipped into the coating tanks. A burn-off oven (DBURN) is used to remove coating from the hangers. The emissions estimate assumes that 100% of the VOC content of the coating from this process are released, and is based on the quantity of coating consumed. Emissions are calculated for the entire process, not specifically for each individual component (dip coating, oven, burn-off). Coating used is a compliant coating as defined by 6 NYCRR Part 228.

Process: PBU is located at 1st floor, Building 306 - Burn-off of powder coating from hangers and rejected products. The burn-off oven, DBURN, is an existing batch oven and will be utilized.

Process: RAN is located at Building 302 - This process involves spray coating of parts (RANSB) and subsequent curing of the parts in a baking oven (RANBK). The process is known as the Ransburg. The emissions estimate assumes that 100% of the VOC content of the coating from this process are released, and is based on the quantity of coating consumed. Emissions are calculated for the entire process, not specifically for each individual component (spray coating, oven). Coating used is a compliant coating as defined by 6 NYCRR Part 228.

Emission unit 2METAL - Metal processing - Metal stamping, forming, grinding and cleaning operations.

Emission unit 2METAL is associated with the following emission points (EP):

00004, 00009, 00014, 00031, 00032, 0010A, 0010B, 0010C, 0032A

It is further defined by the following process(es):

Process: 002 is located at 1, Building 201 - Exhaust system on shovel socket polishing operation

Process: 003 is located at 1, Building 201 - Exhaust system on shovel socket polishing operations

Process: 005 is located at 1, Building 16 - Collection system for steel dust and emory on metal grinding operation.

Process: 014 is located at 1, Building 22 - Collection system for steel dust from grinding of fixtures in machine shop.

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Title V/Major Source Status

UNION TOOLS INC is subject to Title V requirements. This determination is based on the following information:

The facility is a Title V major facility. The facility is major for VOCs.

Program Applicability

The following chart summarizes the applicability of UNION TOOLS INC with regards to the principal air pollution regulatory programs:

Regulatory Program	Applicability
PSD	NO
NSR (non-attainment)	NO
NESHAP (40 CFR Part 61)	NO
NESHAP (MACT - 40 CFR Part 63)	NO
NSPS	NO
TITLE IV	NO
TITLE V	YES
TITLE VI	NO
RACT	YES
SIP	YES

NOTES:

PSD Prevention of Significant Deterioration (40 CFR 52) - requirements which pertain to major stationary sources located in areas which are in attainment of National Ambient Air Quality Standards (NAAQS) for specified pollutants.

NSR New Source Review (6 NYCRR Part 231) - requirements which pertain to major stationary sources located in areas which are in non-attainment of National Ambient Air Quality Standards (NAAQS) for specified pollutants.

NESHAP National Emission Standards for Hazardous Air Pollutants (40 CFR 61) - contaminant and source specific emission standards established prior to the Clean Air Act Amendments of 1990

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(CAAA) which were developed for 9 air contaminants (inorganic arsenic, radon, benzene, vinyl chloride, asbestos, mercury, beryllium, radionuclides, and volatile HAP's)

MACT Maximum Achievable Control Technology (40 CFR 63) - contaminant and source specific emission standards established by the 1990 CAAA. Under Section 112 of the CAAA, the US EPA is required to develop and promulgate emissions standards for new and existing sources. The standards are to be based on the best demonstrated control technology and practices in the regulated industry, otherwise known as MACT. The corresponding regulations apply to specific source types and contaminants.

NSPS New Source Performance Standards (40 CFR 60) - standards of performance for specific stationary source categories developed by the US EPA under Section 111 of the CAAA. The standards apply only to those stationary sources which have been constructed or modified after the regulations have been proposed by publication in the Federal Register and only to the specific contaminant(s) listed in the regulation.

Title IV Acid Rain Control Program (40 CFR 72 thru 78) - regulations which mandate the implementation of the acid rain control program for large stationary combustion facilities.

Title VI Stratospheric Ozone Protection (40 CFR 82, Subparts A thru G) - federal requirements that apply to sources which use a minimum quantity of CFC's (chlorofluorocarbons), HCFC's (hydrofluorocarbons) or other ozone depleting substances or regulated substitute substances in equipment such as air conditioners, refrigeration equipment or motor vehicle air conditioners or appliances.

RACT Reasonably Available Control Technology (6 NYCRR Parts 212.10, 226, 227-2, 228, 229, 230, 232, 233, 234, 235, 236) - the lowest emission limit that a specific source is capable of meeting by application of control technology that is reasonably available, considering technological and economic feasibility. RACT is a control strategy used to limit emissions of VOC's and NOx for the purpose of attaining the air quality standard for ozone. The term as it is used in the above table refers to those state air pollution control regulations which specifically regulate VOC and NOx emissions.

SIP State Implementation Plan (40 CFR 52, Subpart HH) - as per the CAAA, all states are empowered and required to devise the specific combination of controls that, when implemented, will bring about attainment of ambient air quality standards established by the federal government and the individual state. This specific combination of measures is referred to as the SIP. The term here refers to those state regulations that are approved to be included in the SIP and thus are considered federally enforceable.

Compliance Status

Facility is in compliance with all requirements

SIC Codes

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SIC or Standard Industrial Classification code is an industrial code developed by the federal Office of Management and Budget for use, among other things, in the classification of establishments by the type of activity in which they are engaged. Each operating establishment is assigned an industry code on the basis of its primary activity, which is determined by its principal product or group of products produced or distributed, or services rendered. Larger facilities typically have more than one SIC code.

SIC Code	Description
3423	HAND AND EDGE TOOLS, NEC
9999	NONCLASSIFIABLE ESTABLISHMENTS

SCC Codes

SCC or Source Classification Code is a code developed and used by the USEPA to categorize processes which result in air emissions for the purpose of assessing emission factor information. Each SCC represents a unique process or function within a source category logically associated with a point of air pollution emissions. Any operation that causes air pollution can be represented by one or more SCC's.

SCC Code	Description
3-90-007-01	IN-PROCESS FUEL USE INDUSTRIAL PROCESSES - IN-PROCESS FUEL USE Coke Oven or Blast Furnace
3-99-999-94	MISCELLANEOUS MANUFACTURING INDUSTRIES MISCELLANEOUS INDUSTRIAL PROCESSES Other Not Classified
3-07-030-01	PULP & PAPER AND WOOD PRODUCTS PULP & PAPER & WOOD - MISCELLANEOUS WOOD WORKING OPERATIONS Wood Waste Storage Bin Vent
3-04-049-01	SECONDARY METAL PRODUCTION SECONDARY METAL PRODUCTION - MISCELLANEOUS CASTING AND FABRICATING Wax Burnout Oven
4-02-008-01	SURFACE COATING OPERATIONS
COATING OVEN - GENERAL General	
4-02-043-30	SURFACE COATING OPERATIONS SURFACE COATING OPERATIONS - FABRIC COATING, DIP COATING COATING APPLICATION
4-02-999-95	SURFACE COATING OPERATIONS SURFACE COATING OPERATIONS - MISCELLANEOUS Specify in Comments Field

Facility Emissions Summary

In the following table, the CAS No. or Chemical Abstract Series code is an identifier assigned to every chemical compound. [NOTE: Certain CAS No.'s contain a 'NY' designation within them. These are not true CAS No.'s but rather an identification which has been developed by the department to identify groups of contaminants which ordinary CAS No.'s do not do. As an example, volatile organic compounds or VOC's are identified collectively by the NY CAS No. 0NY998-00-0.] The PTE refers to

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the Potential to Emit. This is defined as the maximum capacity of a facility or air contaminant source to emit any air contaminant under its physical and operational design. Any physical or operational limitation on the capacity of the facility or air contamination source to emit any air contaminant, including air pollution control equipment and/or restrictions on the hours of operation, or on the type or amount or material combusted, stored, or processed, shall be treated as part of the design only if the limitation is contained in federally enforceable permit conditions. The PTE Range represents an emission range for a contaminant. Any PTE quantity that is displayed represents a facility-wide emission cap or limitation for that contaminant. If no PTE quantity is displayed, the PTE Range is provided to indicate the approximate magnitude of facility-wide emissions for the specified contaminant in terms of tons per year (tpy). The term 'HAP' refers to any of the hazardous air pollutants listed in section 112(b) of the Clean Air Act Amendments of 1990. Total emissions of all hazardous air pollutants are listed under the special NY CAS No. 0NY100-00-0. In addition, each individual hazardous air pollutant is also listed under its own specific CAS No. and is identified in the list below by the (HAP) designation.

Cas No.	Contaminant Name	PTE	
		lbs/yr	Range
068002-20-0	1,3,5-TRIZINE-2,4,6-TRIAMINE, POLYW/ FORMALDEHYDE, METHYL	>= 10	tpy but < 25 tpy
000108-01-0	2-DIMETHYL AMINO ETHANOL	>= 2.5	tpy but < 10 tpy
000105-60-2	2H-AZEPIN-2-ONE, HEXAHYDRO	> 0	but < 2.5 tpy
002807-30-9	2-PROPOXY ETHANOL (HAP)	> 0	but < 10 tpy
000123-86-4	ACETIC ACID, BUTYL ESTER	>= 10	tpy but < 25 tpy
007664-41-7	AMMONIA	>= 2.5	tpy but < 10 tpy
000630-08-0	CARBON MONOXIDE	>= 2.5	tpy but < 10 tpy
000067-64-1	DIMETHYL KETONE	> 0	but < 2.5 tpy
034590-94-8	DIPROPYLENE GLYCOL METHYL ETHER	>= 2.5	tpy but < 10 tpy
000111-90-0	ETHANOL, 2- (2-ETHOXYETHOXY) (HAP)	> 0	but < 10 tpy
000111-76-2	ETHANOL, 2-BUTOXY-	>= 2.5	tpy but < 10 tpy
000078-51-3	ETHANOL, 2-BUTOXY PHOSPHATE (HAP)	> 0	but < 10 tpy
000141-78-6	ETHYL ACETATE	>= 25	tpy but < 40 tpy
000064-17-5	ETHYL ALCOHOL (ETHANOL)	> 0	but < 2.5 tpy
000100-41-4	ETHYLBENZENE (HAP)	> 0	but < 10 tpy
000050-00-0	FORMALDEHYDE (HAP)	> 0	but < 10 tpy
0NY100-00-0	HAP	>= 2.5	tpy but < 10 tpy
000110-19-0	ISOBUTYL ACETATE	>= 50	tpy but < 100 tpy
000078-83-1	ISOBUTYL ALCOHOL	>= 10	tpy but < 25 tpy
000067-63-0	ISOPROPYL ALCOHOL	>= 10	tpy but < 25 tpy
007439-92-1	LEAD (HAP)	> 0	but < 10 tpy
000057-55-6	METHYLETHYL GLYCOL	>= 2.5	tpy but < 10 tpy
008030-30-6	NAPHTHA	>= 25	tpy but < 40 tpy
0NY210-00-0	OXIDES OF NITROGEN	>= 10	tpy but < 25 tpy
0NY075-00-0	PARTICULATES	>= 100	tpy but < 250 tpy
0NY075-00-5	PM-10	>= 2.5	tpy but < 10 tpy
000078-92-2	SEC-BUTYL ALCOHOL (8CI)	>= 2.5	tpy but < 10 tpy
008052-41-3	STODDARD SOLVENT	> 0	but < 2.5 tpy
007446-09-5	SULFUR DIOXIDE	> 0	but < 2.5 tpy
000108-88-3	TOLUENE (HAP)	> 0	but < 10 tpy
0NY998-00-0	VOC	>= 100	tpy but < 250 tpy
001330-20-7	XYLENE, M, O & P MIXT. (HAP)	> 0	but < 10 tpy

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

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Item A: Emergency Defense - 6NYCRR Part 201-1.5

An emergency constitutes an affirmative defense to an action brought for noncompliance with emissions limitations or permit conditions for all facilities in New York State.

(a) The affirmative defense of emergency shall be demonstrated through properly signed, contemporaneous operating logs, or other relevant evidence that:

(1) An emergency occurred and that the facility owner and/or operator can identify the cause(s) of the emergency;

(2) The equipment at the permitted facility causing the emergency was at the time being properly operated;

(3) During the period of the emergency the facility owner and/or operator took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and

(4) The facility owner and/or operator notified the Department within two working days after the event occurred. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

(b) In any enforcement proceeding, the facility owner and/or operator seeking to establish the occurrence of an emergency has the burden of proof.

(c) This provision is in addition to any emergency or upset provision contained in any applicable requirement.

Item B: Public Access to Recordkeeping for Title V Facilities - 6NYCRR Part 201-1.10(b)

The Department will make available to the public any permit application, compliance plan, permit, and monitoring and compliance certification report pursuant to Section 503(e) of the Act, except for information entitled to confidential treatment pursuant to 6NYCRR Part 616 - Public Access to records and Section 114(c) of the Act.

Item C: Timely Application for the Renewal of Title V Permits - 6 NYCRR Part 201-6.3(a)(4)

Owners and/or operators of facilities having an issued Title V permit shall submit a complete application at least 180 days, but not more than eighteen months, prior to the date of permit expiration for permit renewal purposes.

Item D: Certification by a Responsible Official - 6 NYCRR Part

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201-6.3(d)(12)

Any application, form, report or compliance certification required to be submitted pursuant to the federally enforceable portions of this permit shall contain a certification of truth, accuracy and completeness by a responsible official. This certification shall state that based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Item E: Requirement to Comply With All Conditions - 6 NYCRR Part 201-6.5(a)(2)

The permittee must comply with all conditions of the Title V facility permit. Any permit non-compliance constitutes a violation of the Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application.

Item F: Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission Requirements - 6 NYCRR Part 201-6.5(a)(3)

This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.

Item G: Cessation or Reduction of Permitted Activity Not a Defense - 6 NYCRR Part 201-6.5(a)(5)

It shall not be a defense for a permittee in an enforcement action to claim that a cessation or reduction in the permitted activity would have been necessary in order to maintain compliance with the conditions of this permit.

Item H: Property Rights - 6 NYCRR Part 201-6.5(a)(6)

This permit does not convey any property rights of any sort or any exclusive privilege.

Item I: Severability - 6 NYCRR Part 201-6.5(a)(9)

If any provisions, parts or conditions of this permit are found to be invalid or are the subject of a challenge, the remainder of this permit shall continue to be valid.

Item J: Permit Shield - 6 NYCRR Part 201-6.5(g)

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All permittees granted a Title V facility permit shall be covered under the protection of a permit shield, except as provided under 6 NYCRR Subpart 201-6. Compliance with the conditions of the permit shall be deemed compliance with any applicable requirements as of the date of permit issuance, provided that such applicable requirements are included and are specifically identified in the permit, or the Department, in acting on the permit application or revision, determines in writing that other requirements specifically identified are not applicable to the major stationary source, and the permit includes the determination or a concise summary thereof. Nothing herein shall preclude the Department from revising or revoking the permit pursuant to 6 NYCRR Part 621 or from exercising its summary abatement authority. Nothing in this permit shall alter or affect the following:

- i. The ability of the Department to seek to bring suit on behalf of the State of New York, or the Administrator to seek to bring suit on behalf of the United States, to immediately restrain any person causing or contributing to pollution presenting an imminent and substantial endangerment to public health, welfare or the environment to stop the emission of air pollutants causing or contributing to such pollution;
- ii. The liability of a permittee of the Title V facility for any violation of applicable requirements prior to or at the time of permit issuance;
- iii. The applicable requirements of Title IV of the Act;
- iv. The ability of the Department or the Administrator to obtain information from the permittee concerning the ability to enter, inspect and monitor the facility.

Item K: Reopening for Cause - 6 NYCRR Part 201-6.5(i)

This Title V permit shall be reopened and revised under any of the following circumstances:

- i. If additional applicable requirements under the Act become applicable where this permit's remaining term is three or more years, a reopening shall be completed not later than 18 months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which this permit is due to expire, unless the original permit or any of its terms and conditions has been extended by the Department pursuant to the provisions of Part 201-6.7 and Part 621.

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ii. The Department or the Administrator determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit.

iii. The Department or the Administrator determines that the Title V permit must be revised or reopened to assure compliance with applicable requirements.

iv. If the permitted facility is an "affected source" subject to the requirements of Title IV of the Act, and additional requirements (including excess emissions requirements) become applicable. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into the permit.

Proceedings to reopen and issue Title V facility permits shall follow the same procedures as apply to initial permit issuance but shall affect only those parts of the permit for which cause to reopen exists.

Reopenings shall not be initiated before a notice of such intent is provided to the facility by the Department at least thirty days in advance of the date that the permit is to be reopened, except that the Department may provide a shorter time period in the case of an emergency.

Item L: Permit Exclusion - ECL 19-0305

The issuance of this permit by the Department and the receipt thereof by the Applicant does not and shall not be construed as barring, diminishing, adjudicating or in any way affecting any legal, administrative or equitable rights or claims, actions, suits, causes of action or demands whatsoever that the Department may have against the Applicant for violations based on facts and circumstances alleged to have occurred or existed prior to the effective date of this permit, including, but not limited to, any enforcement action authorized pursuant to the provisions of applicable federal law, the Environmental Conservation Law of the State of New York (ECL) and Chapter III of the Official Compilation of the Codes, Rules and Regulations of the State of New York (NYCRR). The issuance of this permit also shall not in any way affect pending or future enforcement actions under the Clean Air Act brought by the United States or any person.

Item M: Federally Enforceable Requirements - 40 CFR 70.6(b)

All terms and conditions in this permit required by the Act or any

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applicable requirement, including any provisions designed to limit a facility's potential to emit, are enforceable by the Administrator and citizens under the Act. The Department has, in this permit, specifically designated any terms and conditions that are not required under the Act or under any of its applicable requirements as being enforceable under only state regulations.

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

Item A: General Provisions for State Enforceable Permit Terms and Condition - 6 NYCRR Part 201-5

Any person who owns and/or operates stationary sources shall operate and maintain all emission units and any required emission control devices in compliance with all applicable Parts of this Chapter and existing laws, and shall operate the facility in accordance with all criteria, emission limits, terms, conditions, and standards in this permit. Failure of such person to properly operate and maintain the effectiveness of such emission units and emission control devices may be sufficient reason for the Department to revoke or deny a permit.

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Regulatory Analysis

Location Facility/EU/EP/Process/ES	Regulation	Short Description	Condition
FACILITY	ECL 19-0301	Powers and Duties of the Department with respect to air pollution control	54
FACILITY	40CFR 68	Chemical accident prevention provisions	21
FACILITY	40CFR 82-F	Protection of Stratospheric Ozone - recycling and emissions reduction	22
FACILITY	6NYCRR 200.6	Acceptable ambient air quality.	1
FACILITY	6NYCRR 200.7	Maintenance of equipment.	10
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Applicability Discussion:

Mandatory Requirements: The following facility-wide regulations are included in all Title V permits:

ECL 19-301.

This section of the Environmental Conservation Law establishes the powers and duties assigned to the Department with regard to administering the air pollution control program for New York State.

6NYCRR Part 200-.6

Acceptable ambient air quality - prohibits contravention of ambient air quality standards without mitigating measures

6NYCRR Part 200-.7

Anyone owning or operating an air contamination source which is equipped with an emission control device must operate the control consistent with ordinary and necessary practices, standards and procedures, as per manufacturer's specifications and keep it in a satisfactory state of maintenance and repair so that it operates effectively

6NYCRR Part 201-1.4

This regulation specifies the actions and recordkeeping and reporting requirements for any violation of an applicable state enforceable emission standard that results from a necessary scheduled equipment maintenance, start-up, shutdown, malfunction or upset in the event that these are unavoidable.

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6NYCRR Part 201-1.7

Requires the recycle and salvage of collected air contaminants where practical

6NYCRR Part 201-1.8

Prohibits the reintroduction of collected air contaminants to the outside air

6NYCRR Part 201-3.2(a)

An owner and/or operator of an exempt emission source or unit may be required to certify that it operates within the specific criteria described in this Subpart. All required records must be maintained on-site for a period of 5 years and made available to department representatives upon request. In addition, department representatives must be granted access to any facility which contains exempt emission sources or units, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

6NYCRR Part 201-3.3(a)

The owner and/or operator of a trivial emission source or unit may be required to certify that it operates within the specific criteria described in this Subpart. All required records must be maintained on-site for a period of 5 years and made available to department representatives upon request. In addition, department representatives must be granted access to any facility which contains trivial emission sources or units subject to this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

6NYCRR Part 201-6

This regulation applies to those terms and conditions which are subject to Title V permitting. It establishes the applicability criteria for Title V permits, the information to be included in all Title V permit applications as well as the permit content and terms of permit issuance. This rule also specifies the compliance, monitoring, recordkeeping, reporting, fee, and procedural requirements that need to be met to obtain a Title V permit, modify the permit and demonstrate conformity with applicable requirements as listed in the Title V permit. For permitting purposes, this rule specifies the need to identify and describe all emission units, processes and products in the permit application as well as providing the Department the authority to include this and any other information that it deems necessary to determine the compliance status of the facility.

6NYCRR Part 201-6.5(c)

This requirement specifies, in general terms, what information must be contained in any required compliance monitoring records and reports. This includes the date, time and place of any sampling, measurements and analyses; who performed the analyses; analytical techniques and methods used as well as any required QA/QC procedures;

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results of the analyses; the operating conditions at the time of sampling or measurement and the identification of any permit deviations. All such reports must also be certified by the designated responsible official of the facility.

6NYCRR Part 201-6.5(c)(2)

This requirement specifies that all compliance monitoring and recordkeeping is to be conducted according to the terms and conditions of the permit and follow all QA requirements found in applicable regulations. It also requires monitoring records and supporting information to be retained for at least 5 years from the time of sampling, measurement, report or application. Support information is defined as including all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.

6NYCRR Part 201-6.5(c)(3)

This regulation specifies that the permit incorporate all reporting requirements associated with an applicable federal rule, the submittal of any required monitoring reports at least every 6 months, and the notification and reporting of permit deviations and incidences of noncompliance stating the probable cause of such deviations, and any corrective actions or preventive measures taken.

6NYCRR Part 201-6.5(c)(3)(ii)

This regulation specifies any reporting requirements incorporated into the permit must include provisions regarding the notification and reporting of permit deviations and incidences of noncompliance stating the probable cause of such deviations, and any corrective actions or preventive measures taken.

6NYCRR Part 201-6.5(e)

Sets forth the general requirements for compliance certification content; specifies an annual submittal frequency; and identifies the EPA and appropriate regional office address where the reports are to be sent.

6NYCRR Part 201-6.5(g)

Permit Exclusion Provisions - specifies those actions, such as administrative orders, suits, claims for natural resource damages, etc that are not affected by the federally enforceable portion of the permit, unless they are specifically addressed by it.

6NYCRR Part 202-1.1

This regulation allows the department the discretion to require an emission test for the purpose of determining compliance. Furthermore, the cost of the test, including the preparation of the report are to be borne by the owner/operator of the source.

6NYCRR Part 202-2.1

Requires that emission statements shall be submitted on or before April 15th each year for emissions of the previous calendar year.

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6NYCRR Part 202-2.5

This rule specifies that each facility required to submit an emission statement must retain a copy of the statement and supporting documentation for at least 5 years and must make the information available to department representatives.

6NYCRR Part 211-.2

This regulation prohibits any emissions of air contaminants to the outdoor atmosphere which may be detrimental to human, plant or animal life or to property, or which unreasonably interferes with the comfortable enjoyment of life or property regardless of the existence of any specific air quality standard or emission limit.

6 NYCRR Part 211.3

This condition requires that the opacity (i.e., the degree to which emissions other than water reduce the transmission of light) of the emissions from any air contamination source be less than 20 percent (six minute average) except for one continuous six-minute period per hour of not more than 57 percent.

6 NYCRR Part 215

Prohibits open fires at industrial and commercial sites.

40 CFR Part 68.

This Part lists the regulated substances and their applicability thresholds and sets the requirements for stationary sources concerning the prevention of accidental releases of these substances.

40 CFR Part 82, Subpart F

Subpart F requires the reduction of emissions of class I and class II refrigerants to the lowest achievable level during the service, maintenance, repair, and disposal of appliances in accordance with section 608 of the Clean Air Act Amendments of 1990. This subpart applies to any person servicing, maintaining, or repairing appliances except for motor vehicle air conditioners. It also applies to persons disposing of appliances, including motor vehicle air conditioners, refrigerant reclaimers, appliance owners, and manufacturers of appliances and recycling and recovery equipment. Those individuals, operations, or activities affected by this rule, may be required to comply with specified disposal, recycling, or recovery practices, leak repair practices, recordkeeping and/or technician certification requirements.

Facility Specific Requirements

In addition to Title V, UNION TOOLS INC has been determined to be subject to the following regulations:

6NYCRR 201-7

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This condition is cap the emission unit 2-COAT2 below the requirements of Part 231-2.

6NYCRR 212 .3 (b)

This rule requires existing sources (in operation on or before July 1, 1973) of solid particulates with environmental rating of B or C which are not subject to Table 5 "Processes for which Permissible Emission Rate is Based on Process Weight, to be limited to an particulate emission rate not to exceed 0.15 grains per dry standard cubic foot.

6NYCRR 212 .4 (c)

This rule requires existing sources (in operation after July 1, 1973) of solid particulates with environmental rating of B or C which are not subject to Table 5 "Processes for which Permissible Emission Rate is Based on Process Weight, to be limited to an particulate emission rate not to exceed 0.05 grains per dry standard cubic foot.

6NYCRR 212 .6 (a)

This rule specifies an opacity limitation of less than 20% for any six consecutive minute period for all process emission sources.

6NYCRR 212 .7 (l)

This condition requires the facility to notify the department if the facility emits an "A" rated or high toxicity compound and if necessary submit a permit modification.

6NYCRR 227-1.3 (a)

This regulation prohibits any person from operating a stationary combustion installation which emits smoke equal to or greater than 20% opacity except for one six-minute period per hour of not more than 27% opacity.

6NYCRR 228 .1 (d)

This citation states that any coating line that is or becomes subject to the provisions of 6 NYCRR Part 228, will remain subject to these provisions even if the annual potential to emit volatile organic compounds for the facility later falls below the thresholds set forth in this regulation.

6NYCRR 228 .1 (e) (13)

This condition provides the non-applicability determination of Part 228 to certain low use coatings. The non-applicability only applies to coatings where the facility wide annual use is less 55 gallons.

6NYCRR 228 .2

This citation specifies the formula used to calculate the maximum permitted pounds of volatile organic compound per gallon of coating specified in tables 1 and 2 of 6 NYCRR Part 228.

6NYCRR 228 .4

This citation prohibits any person from emitting (or to allow emissions) to the outdoor atmosphere having an average opacity of 20 percent or greater for any consecutive six-minute period from any emission source subject to this Part.

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6NYCRR 228 .5 (a)

This citation requires the owner or operator of any emission source subject to 6 NYCRR Part 228 to maintain and, upon request, provide the Department with a certification from the coating supplier/manufacturer which verifies the parameters used to determine the actual volatile organic compound (VOC) content of each as applied coating. In addition it requires the purchase, usage and/or production records of the coating material, including solvents and any additional information required to determine compliance with Part 228 , to be maintained in a format acceptable to the Department; and upon request, submitted to the Department.

6NYCRR 228 .5 (d)

This citation allows representatives of the Department to obtain coating samples during reasonable business hours, for the purpose of determining compliance.

6NYCRR 228 .5 (j)

This requires any information or record showing noncompliance with the requirements of Part 228 to be reported to Department within 30 days of generation of the information or record..

6NYCRR 228 .5 (k)

This requires all records required by this regulation to be maintained at the facility for a period of five years

6NYCRR 228 .6 (a)

This citation exempts specific coatings (or under specific conditions) from the prohibition of sale or specification.

6NYCRR 228 .7

Table 1 lists the processes and a description of products that are regulated by Part 228 and the maximum permitted pounds of volatile organic compounds per gallon of coating at application.

6NYCRR 228 .8

Table 2 lists the processes and a description of products that are regulated by Part 228 and the maximum permitted pounds of volatile organic compounds per gallon of coating at application.

6NYCRR 231-2.2

The provisions of Subpart 231-2 apply to new or modified major facilities. The contaminants of concern state-wide are nitrogen oxides and volatile organic compounds since New York State is located in the ozone transport region and because there are ozone non-attainment areas within the state. In the New York City metropolitan area, carbon monoxide is also a non-attainment contaminant. In addition, particulate matter less than 10 microns in size (PM-10) is a non-attainment contaminant in Manhattan County.

The purpose of Section 231-2.2 is to define what new or modified facilities are subject to the

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requirements set forth in the other sections of the rule. In addition, certain exemptions to the rule are also defined in this section.

Compliance Certification

Summary of monitoring activities at UNION TOOLS INC:

Location Facility/EU/EP/Process/ES	Type of Monitoring	Cond No.
FACILITY	record keeping/maintenance procedures	24
FACILITY	record keeping/maintenance procedures	5
FACILITY	record keeping/maintenance procedures	6
2-COAT2	work practice involving specific operations	49
FACILITY	record keeping/maintenance procedures	7
0-1WOOD	intermittent emission testing	45
2-METAL	intermittent emission testing	53
FACILITY	monitoring of process or control device parameters as surrogate	26
0-3COAT	record keeping/maintenance procedures	46
2-COAT2	record keeping/maintenance procedures	50
FACILITY	monitoring of process or control device parameters as surrogate	27
FACILITY	record keeping/maintenance procedures	28
FACILITY	record keeping/maintenance procedures	29
FACILITY	monitoring of process or control device parameters as surrogate	30
FACILITY	record keeping/maintenance procedures	31
FACILITY	record keeping/maintenance procedures	32
FACILITY	record keeping/maintenance procedures	33
FACILITY	work practice involving specific operations	35
FACILITY	work practice involving specific operations	36
FACILITY	work practice involving specific operations	37
FACILITY	work practice involving specific operations	38
FACILITY	work practice involving specific operations	39
FACILITY	work practice involving specific operations	40
FACILITY	work practice involving specific operations	41

Basis for Monitoring

BASIS FOR MONITORING

Condition 5 - This condition requires the facility to submit semi-annual reports.

Condition 6 - This condition requires the facility to submit annual reports.

Condition 7 - This condition requires the facility to submit annual emission statements.

Condition 23 - This condition requires the facility to submit any monitoring within 30 days of the end of

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the reporting period.

Condition 25 - This condition requires the facility to limit opacity at the subject process sources to less than 20%.

Condition 26 - This condition requires the facility to limit opacity at combustion sources to less than 20%.

Condition 27 - This condition requires the facility to maintain usage records of any specialty coating not subject to Part 228.

Condition 28 - This condition specifies how VOC content in lb/gal is calculated for purposes of Part 228.

Condition 29 - This condition limits opacity at sources subject to Part 228.

Condition 30 - This condition requires facilities subject to Part 228 maintain VOC content compliance certifications of each coating used at the facility.

Condition 31 - This condition requires subject facilities to report Part 228 non-compliances within 30 days.

Condition 32 - This condition requires facilities subject to Part 228 to maintain all records for a period of 5 years.

Condition 34 - This condition limits the VOC content of clear coatings on miscellaneous metal parts.

Condition 35 - This condition limits the VOC content of extreme performance coatings on miscellaneous metal parts.

Condition 36 - This condition limits the VOC content of miscellaneous metal parts using coatings other than those in conditions 34 and 35.

Condition 37 - This condition limits the VOC content of pigmented wood coatings.

Condition 38 - This condition limits the VOC content of clear coatings on plastic parts.

Condition 39 - This condition limits the VOC content of clear wood coatings.

Condition 40 - This condition limits the VOC content of color coatings on plastic parts.

Condition 44 - This condition limits particulate emissions to 0.15 grains per dry standard cubic feet and requires testing to determine compliance.

Condition 45 - This condition states that emissions of VOCs and HAPs from Part 228 sources are exempt from Part 212 unless the contaminants are given an "A" rating.

Condition 48 - This condition caps emissions of VOCs from emission unit 2-COAT2 to 78,500 pounds

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per year and prevents the facility from being subject to Part 231-2.

Condition 49 - This condition states that emissions of VOCs and HAPs from Part 228 sources are exempt from Part 212 unless the contaminants are given an "A" rating.

Condition 52 - This condition limits particulate emissions to 0.05 grains per dry standard cubic feet and requires testing to determine compliance.