

**New York State Department of Environmental Conservation**

**Permit Review Report**

**Permit ID: 4-0122-00007/00719 Modification Number: 2**



**04/25/2005**

**Facility Identification Data**

Name: GENERAL ELECTRIC SELKIRK PLASTICS PLT  
Address: ONE NORYL AVENUE  
SELKIRK, NY 12158

**Owner/Firm**

Name: GE NORYL LLC  
Address: ONE NORYL AVENUE  
SELKIRK, NY 12158, USA  
Owner Classification: Corporation/Partnership

**Permit Contacts**

Division of Environmental Permits:  
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Address: GENERAL ELECTRIC  
NORYL AVE  
SELKIRK, NY 12158

**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**

THIS PROJECT IS FOR THE INSTALLATION OF NEW TRANSFER STATION FOR TRANSFER OF PARKSON'S (HAZARDOUS LIQUID WASTE) TO TANK TRUCKS AND SHIPMENT OFF-SITE.

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**Attainment Status**

GENERAL ELECTRIC SELKIRK PLASTICS PLT is located in the town of BETHLEHEM in the county of ALBANY.

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.)

<b>Criteria Pollutant</b>	<b>Attainment Status</b>
Particulate Matter (PM)	ATTAINMENT
Particulate Matter < 10µ in diameter (PM10)	ATTAINMENT
Sulfur Dioxide (SO2)	ATTAINMENT
Ozone*	MARGINAL 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**

GE OPERATES A PLASTIC PRODUCTION FACILITY (SIC 2821) LOCATED IN ALBANY, COUNTY, NY IN THE HAMLET OF SELKIRK, NY. THE FACILITY IS APPROX. 8 MILES SOUTHWEST OF ALBANY, NY. THE FACILITY IS ON A 700-ACRE SITE OF WHICH 60 ACRES ARE INDUSTRIALIZED. MONOMER IS EITHER PRODUCED FROM RAW MATERIALS OR PURCHASED. THE MONOMERS ARE POLYMERIZED TO FORM PLASTIC RESINS. MANUFACTURED AND PURCHASED RESINS ARE COMPOUNDED AT THE FACILITY BY ADDING COLORANTS AND OTHER INGREDIENTS TO PROVIDE DESIRED PROPERTIES. THE FACILITY INCLUDES CONTINUOUS AND BATCH PROCESSES, A PACKAGING OPERATION, AN ENERGY RECOVERY BOILER, AND A WASTEWATER TREATMENT PLANT. THE FACILITY OPERATES 24 HOURS A DAY, 7 DAYS A WEEK.

**Permit Structure and Description of Operations**

The Title V permit for GENERAL ELECTRIC SELKIRK PLASTICS PLT 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

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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 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.

GENERAL ELECTRIC SELKIRK PLASTICS PLT is defined by the following emission unit(s):  
Emission unit APAREA - AP AREA MANUFACTURES PHENOLICS FOR INTERNAL AND EXTERNAL USE.

Emission unit APAREA is associated with the following emission points (EP):  
00282, 00284, 00294, 00704, 01212, 01236, 01239, 01240, 01241, 01247, 01252, 01257, 01258, 01259, 01260, 01266, 01268

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

Process: AFE is located at AP, Building AP - LDAR, PROCESS WASTEWATER, MAINTENANCE WASTEWATER AND HEAT EXCHANGER SYSTEMS.

Process: AMP is located at AP, Building AP - AP MISCELLANEOUS PROCESS VENTS.

Process: APV is located at AP, Building AP - PROCESS SOURCES.

Process: ASH is located at AP, Building AP - AP CATALYST BUILDING.

Process: AT1 is located at AP, Building AP - EMISSIONS FROM VOL RACT TANKS <20,000 GALLONS.

Process: AT2 is located at AP, Building AP - NON RACT TANKS.

Process: AT3 is located at AP, Building AP - RECYCLE METHANOL TANK MF-102.

Process: AT4 is located at AP, Building AP - METHANOL STORAGE TANK MF-150.

Process: AT5HON GROUP 2 STORAGE VESSELS.

Process: BIF is located at AP, Building AP - AP PROCESS 212 VOC/NOX RACT.

Emission unit RESBLG - RESIN PRODUCES PLASTIC RESINS.

Emission unit RESBLG is associated with the following emission points (EP):  
00306, 00310, 00312, 00313, 00314, 00337, 00341, 00343, 00344, 00367, 00368, 00369, 00370, 00381, 00401, 00403, 00417, 00419, 00420, 00421, 00429, 00437, 00446, 00447, 00448, 00449, 00459, 01305, 01354, 01355, 01356, 01357, 01358, 01359, 01365, 01366, 01368, 01369, 01370, 01378, 01379

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

Process: RPV is located at RESIN, Building RESIN - HBR, FRICK AND DISTILLATION COLUMN VENTS.

Process: RXXRESIN REACTORS.

Process: RSH is located at RESIN, Building RESIN - CATALYST, MINI BINS, SUPERSACKING.

Process: RT1 is located at RESIN, Building RESIN - VOL STORAGE RACT TANKS.

Process: RT2 is located at RESIN, Building RESIN - VOC RACT TANKS.

Process: RT3 is located at RESIN, Building RESIN - NON RACT TANKS.

Process: RT4 is located at RESIN - RESIN TANK TRUCK USED FOR TRANSFER OF PARKSON'S WASTE OFF-SITE.

Process: RWSRESIN WATER SCRUBBERS.

Emission unit DGREAS - DEGREASERS (PARTS WASHERS) THAT ARE LOCATED THROUGHOUT PLANT SITE.

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

Process: DGRDEGREASERS THROUGHOUT PLANT.

Emission unit RENGEM - THIS EMISSION UNIT IS COMPRISED OF EIGHT (8) DIESEL GENERATORS TO BE USED FOR PEAK SHAVING AT VARIOUS OUTSIDE LOCATIONS THROUGHOUT THE PLANT. THIS EMISSION UNIT IS BEING CAPPED FOR NOX EMISSIONS.

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

0911A, 0911B, 0912A, 0912B, 0913A, 0913B, 0914A, 0914B, 0915A, 0915B, 0916A, 0916B, 0917A, 0917B, 0918A, 0918B

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

Process: GEN is located at OUTSIDE - DIESEL GENERATORS USED FOR PEAK SHAVING ELECTRICITY GENERATION.

Emission unit WTAREA - WWTP IS THE PLANT SITE WASTE WATER TREATMENT FACILITY.

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

00709, 00712, 00715, 00717, 00718, 00723, 00727

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

Process: WPV is located at WWTP, Building WWTP - WW VESSELS, DRUM WASHER/HOT BOX, FBI, LF.

Process: WT1 is located at WWTP, Building WWTP - WASTE OIL TANK.

Process: WT2 is located at WWTP, Building WWTP - NON RACT TANKS.

Emission unit SFSBLG - SFS IS A COMPOUNDING FACILITY.

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

00511, 00519, 00520, 00526, 00531, 00534, 00539, 00540, 00541, 00542, 00543, 00544, 00546, 00553, 00555, 00556, 00560, 00561, 00568, 00569, 00570, 00571, 00572, 00575, 00576, 00577, 00578, 00579, 00580, 00581, 00582, 00583, 00597, 00603, 00604, 00606, 00610, 01500, 01501, 01502, 01503, 01504, 01505, 01506, 01507, 01508, 01509, 01511, 01517, 01518, 01519, 01520, 01521, 01522, 01525, 01527, 01528, 01530, 01531, 01532, 01533, 01534, 01535, 01537, 01543, 01544, 01548, 01549, 01550, 01551, 01552, 01553, 01554, 01555, 01571, 01572, 01583, 01584, 01586, 01587, 01588, 01591, 01592, 01593, 01594, 01595, 01596, 01597, 01598, 01599, 02500,

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02512, 02513, 02514, 02517, 02521, 02523, 02526, 02527, 02532, 02533, 02535, 02537, 02538, 02540, 02541, 02542, 02543, 02544, 02545, 02546, 02547, 02550, 02551, 02552, 02581, 02582, 02583, 02584, 02585, 02586, 02587, 02588, 02589, 02590, 02591, 02592, 02593, 02596, 02600, 02601, 02602, 02603, 02604, 02605, 02607, 02608, 02609, 02611, 02613, 02614, 02615, 02616, 02617, 02618, 02619, 02702, 02703, 02704, 02705, 02706, 02707, 02709, 02710, 02711, 02712, 02713, 02714, 02715, 02716, 02717, 02718, 02719, 02720, 02721, 02722, 02725, 02726, 02727, 02728, 02729, 02730, 02731, 02732, 02733, 02734, 02735, 02736, 02737, 02738, 02739, 02740, 02741, 02742, 02743, 02744, 02745, 02746, 02747, 02748, 02749, 02750, 02751, 02752, 02754, 02756, 02757, 02758, 02759, 02763, 02764, 02765, 02766, 02767, 02768, 02769, 02770, 02771, 02772, 02773, 02774, 02775, 02776, 02777, 02778, 02779, 02780, 02781, 02782, 02783

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

Process: FEX is located at SFS, Building SFS - CARBON BEDS, HEAF, THERMAL OXIDIZER, VENTS FROM EXTRUSION AND LABS.

Process: FPM Finishing solids handling equipment - insignificant emissions

Process: FPV is located at SFS, Building SFS - THERMAL OXIDIZER COMBUSTION BYPRODUCTS.

Process: FSH is located at SFS, Building SFS - PNEUMATIC CONVEYANCE SYSTEMS, DUST COLL. FINISHING SOLIDS HANDING EQUIPMENT.

Process: FT1 is located at SFS, Building SFS - VOL STORAGE RACT TANKS. FINISHING TANKS.

Process: FT2 is located at SFS, Building SFS - NON RACT TANKS.

Emission unit GELBLG - GELOY PRODUCES PLASTIC MATERIALS.

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

04002, 04003, 04006, 04008, 04012, 04013, 04014, 04015, 04016, 04017

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

Process: GFE is located at GELOY, Building GELOY - LDAR, PROCESS WASTEWATER, MAINTENANCE WASTEWATER AND HEAT EXCHANGER SYSTEMS.

Process: GPV is located at GELOY, Building GELOY - AB COMBUSTION BYPRODUCTS, ROOF FANS.

Process: GSH is located at GELOY, Building GELOY - MIXING (4TH FL.), LOADING BIN, K-405 BLOWER.

Process: GVR is located at GELOY, Building GELOY - TANK T-307 TO AB (ALL VESSELS).

Emission unit GEHBLG - GEH PRODUCES PLASTIC MATERIALS.

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

03000, 03001, 03002, 03003, 03004, 03005, 03008, 03009, 03010, 03011, 03012, 03013, 03014, 03022, 03023, 03032, 03033, 03041, 03045

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

Process: HEXDIE HOODS AND SLURRY TANK.

Process: HFE is located at GEH, Building GEH - LDAR, PROCESS WASTEWATER, MAINTENANCE WASTEWATER AND HEAT EXCHANGER SYSTEMS.

Process: HPV is located at GEH, Building GEH - DEVOL, DISTILLATION, FEED PREP, EXTRUSION.

Process: HSH is located at GEH, Building GEH - STABILIZER, VACUUM CLEANING SYSTEM.

Process: HT1 is located at GEH, Building GEH - VOL STORAGE RACT TANKS.

Process: HT2 is located at GEH, Building GEH - NON VOC RACT TANKS.

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Process: HT3 is located at GEH, Building GEH - VOC RACT TANKS.

Process: HT4 is located at GEH, Building GEH - TANKS WITHOUT CARBON CANNISTERS.

Emission unit CXPRSS - COLOR MATCHING FACILITY EQUIPPED WITH SEVERAL MOLDING MACHINES AND EXTRUDERS.

Emission unit CXPRSS is associated with the following emission points (EP): 05000, 05004, 05005

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

Process: CXPCOLORXPRESS PROCESSES.

**Title V/Major Source Status**

GENERAL ELECTRIC SELKIRK PLASTICS PLT is subject to Title V requirements. This determination is based on the following information:

The facility is major for both criteria pollutants and HAP (hazardous air pollutants)

**Program Applicability**

The following chart summarizes the applicability of GENERAL ELECTRIC SELKIRK PLASTICS PLT with regards to the principal air pollution regulatory programs:

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

NOTES:

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**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 (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

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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**

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.

<b>SIC Code</b>	<b>Description</b>
2821	PLASTICS MATERIALS AND RESINS
2869	INDUSTRIAL ORGANIC CHEMICALS, NEC

**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.

<b>SCC Code</b>	<b>Description</b>
3-01-888-05	CHEMICAL MANUFACTURING CHEMICAL MANUFACTURING - FUGITIVE EMISSIONS Specify in Comments Field
3-01-840-01	CHEMICAL MANUFACTURING CHEMICAL MANUFACTURING - GENERAL PROCESSES Distillation Units
3-01-018-21	CHEMICAL MANUFACTURING CHEMICAL MANUFACTURING - PLASTICS PRODUCTION Extruding/Pelletizing/Conveying/Storage
3-01-018-17	CHEMICAL MANUFACTURING CHEMICAL MANUFACTURING - PLASTICS PRODUCTION General
3-01-018-99	CHEMICAL MANUFACTURING CHEMICAL MANUFACTURING - PLASTICS PRODUCTION PLASTICS PRODUCTION - OTHERS NOT SPECIFIED
3-01-018-93	CHEMICAL MANUFACTURING CHEMICAL MANUFACTURING - PLASTICS PRODUCTION PLASTICS PRODUCTION - RAW MATERIAL STORAGE
3-01-018-94	CHEMICAL MANUFACTURING CHEMICAL MANUFACTURING - PLASTICS PRODUCTION PLASTICS PRODUCTION - SOLVENT STORAGE

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3-01-018-90	CHEMICAL MANUFACTURING CHEMICAL MANUFACTURING - PLASTICS PRODUCTION PLASTICS PRODUCTION: CATALYST PREPARATION
3-01-018-91	CHEMICAL MANUFACTURING CHEMICAL MANUFACTURING - PLASTICS PRODUCTION PLASTICS PRODUCTION: REACTOR VENTS
3-01-018-92	CHEMICAL MANUFACTURING CHEMICAL MANUFACTURING - PLASTICS PRODUCTION PLASTICS PRODUCTION: SEPARATION PROCESSES
3-01-018-40	CHEMICAL MANUFACTURING CHEMICAL MANUFACTURING - PLASTICS PRODUCTION RESIN STORAGE TANK ** (USE 6-45-200-23 OR 6-45-210-23)
3-01-018-19	CHEMICAL MANUFACTURING CHEMICAL MANUFACTURING - PLASTICS PRODUCTION Solvent Recovery
2-01-001-02	INTERNAL COMBUSTION ENGINES - ELECTRIC GENERATION ELECTRIC UTILITY INTERNAL COMBUSTION ENGINE - DISTILLATE OIL (DIESEL) Reciprocating
3-99-900-24	MISCELLANEOUS MANUFACTURING INDUSTRIES MISCELLANEOUS MANUFACTURING INDUSTRIES PROCESS GAS: FLARES
3-99-900-14	MISCELLANEOUS MANUFACTURING INDUSTRIES MISCELLANEOUS MANUFACTURING INDUSTRIES PROCESS GAS: INCINERATORS
3-99-900-04	MISCELLANEOUS MANUFACTURING INDUSTRIES MISCELLANEOUS MANUFACTURING INDUSTRIES PROCESS GAS: PROCESS HEATERS
4-01-002-96	ORGANIC SOLVENT EVAPORATION ORGANIC SOLVENT EVAPORATION - DEGREASING OTHER NOT CLASSIFIED - GENERAL DEGREASING UNITS

### 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 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
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	lbs/yr	Range
000092-52-4	1, 1 BIPHENYL (HAP)	> 0 but < 10 tpy
000079-34-5	1,1,2,2-TETRACHLOROETHANE (HAP)	> 0 but < 10 tpy
000057-14-7	1,1-DIMETHYL HYDRAZINE (HAP)	> 0 but < 10 tpy
000120-82-1	1,2,4-TRICHLOROBENZENE (HAP)	> 0 but < 10 tpy
000084-74-2	1,2-BENZENEDICARBOXYLIC ACID, DIBUTYL ESTER (HAP)	> 0 but < 10 tpy
000120-80-9	1,2-BENZENEDIOL (HAP)	> 0 but < 10 tpy
000107-06-2	1,2-DICHLOROETHANE (HAP)	> 0 but < 10 tpy
000107-21-1	1,2-ETHANEDIOL (HAP)	> 0 but < 10 tpy
000108-38-3	1,3 DIMETHYL BENZENE (HAP)	> 0 but < 10 tpy
000095-80-7	1,3-BENZENEDIAMINE, 4-METHYL- (HAP)	> 0 but < 10 tpy
000106-99-0	1,3-BUTADIENE (HAP)	> 0 but < 10 tpy
000126-99-8	1,3-BUTADIENE, 2-CHLORO- (HAP)	> 0 but < 10 tpy
000085-44-9	1,3-ISOBENZOFURANDIONE (HAP)	> 0 but < 10 tpy
000123-31-9	1,4-BENZENEDIOL (HAP)	> 0 but < 10 tpy
000123-91-1	1,4-DIETHYLENE DIOXIDE (HAP)	> 0 but < 10 tpy
000927-62-8	1-BUTANAMINE, N,N-DIMETHYL-	> 0 but < 2.5 tpy
000063-25-2	1-NAPHTHALENOL, METHYL-CARBAMATE (HAP)	> 0 but < 10 tpy
000098-86-2	1-PHENYLETHANONE (HAP)	> 0 but < 10 tpy
000542-75-6	1-PROPENE, 1,3-DICHLORO- (HAP)	> 0 but < 10 tpy
001746-01-6	2,3,7,8-TETRACHLORODIBENZO-P-D IOXIN (HAP)	> 0 but < 10 tpy
000121-14-2	2,4, DINITRO TOLUENE (HAP)	> 0 but < 10 tpy
000051-28-5	2,4, DINITROPHENOL (HAP)	> 0 but < 10 tpy
000088-06-2	2,4,6 TRICHLOROPHENOL (HAP)	> 0 but < 10 tpy
000094-75-7	2,4-DICHLOROPHENOXYACETIC ACID (HAP)	> 0 but < 10 tpy
000108-31-6	2,5 - FURANDIONE (HAP)	> 0 but < 10 tpy
000095-87-4	2,5 XYLENOL	> 0 but < 2.5 tpy
000053-96-3	2-ACETYLAMINOFUORENE (HAP)	> 0 but < 10 tpy
000078-59-1	2-CYCLOHEXEN-1-ONE,3,5,5-TRIME THYL (HAP)	> 0 but < 10 tpy
000109-86-4	2-METHOXYETHANOL (HAP)	> 0 but < 10 tpy
000095-48-7	2-METHYL-PHENOL (HAP)	>= 10 tpy
000108-10-1	2-PENTANONE, 4-METHYL (HAP)	> 0 but < 10 tpy
000079-10-7	2-PROPENOIC ACID (HAP)	> 0 but < 10 tpy
000141-32-2	2-PROPENOIC ACID, BUTYL ESTER C7H12O2	> 0 but < 2.5 tpy
000140-88-5	2-PROPENOIC ACID, ETHYL ESTER (HAP)	> 0 but < 10 tpy
000091-94-1	3,3'-DICHLOROBENZIDINE (HAP)	> 0 but < 10 tpy
000119-90-4	3,3'-DIMETHOXYBENZIDINE (HAP)	> 0 but < 10 tpy
000107-05-1	3-CHLORO-1-PROPENE (HAP)	> 0 but < 10 tpy
000100-40-3	4 VINYL CYCLOHEXENE	> 0 but < 2.5 tpy
000101-77-9	4,4'-DIAMINODIPHENYLMETHANE (HAP)	> 0 but < 10 tpy
000101-14-4	4,4-METHYLENE BIS (2-CHLOROANILINE) (HAP)	> 0 but < 10 tpy
000060-11-7	4-DIMETHYLAMINOAZOBENZENE (HAP)	> 0 but < 10 tpy
000092-93-3	4-NITROBIPHENYL (HAP)	> 0 but < 10 tpy
000075-07-0	ACETALDEHYDE (HAP)	> 0 but < 10 tpy
000060-35-5	ACETAMIDE (HAP)	> 0 but < 10 tpy
000108-05-4	ACETIC ACID ETHENYL ESTER (HAP)	> 0 but < 10 tpy
000079-11-8	ACETIC ACID, CHLORO (HAP)	> 0 but < 10 tpy
000075-05-8	ACETONITRILE (HAP)	> 0 but < 10 tpy
000107-02-8	ACROLEIN (HAP)	> 0 but < 10 tpy
000532-27-4	ALPHA-CHLOROACETOPHENONE (HAP)	> 0 but < 10 tpy
000062-53-3	ANILINE (HAP)	> 0 but < 10 tpy

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007440-36-0	ANTIMONY (HAP)	> 0 but < 10 tpy
007440-38-2	ARSENIC (HAP)	> 0 but < 10 tpy
000075-55-8	AZIRIDINE, 2-METHYL (HAP)	> 0 but < 10 tpy
000114-26-1	BAYGON (HAP)	> 0 but < 10 tpy
000090-04-0	BENZENAMINE, 2-METHOXY (HAP)	> 0 but < 10 tpy
000095-53-4	BENZENAMINE, 2-METHYL (HAP)	> 0 but < 10 tpy
000121-69-7	BENZENAMINE, N, N-DIMETHYL (HAP)	> 0 but < 10 tpy
000071-43-2	BENZENE (HAP)	> 0 but < 10 tpy
000098-82-8	BENZENE, (1-METHYLETHYL) (HAP)	> 0 but < 10 tpy
000106-46-7	BENZENE, 1,4-DICHLORO- (HAP)	> 0 but < 10 tpy
000584-84-9	BENZENE, 2,4-DIISO CYANATO-1-METHYL- (HAP)	> 0 but < 10 tpy
000098-07-7	BENZENE, TRICHLOROMETHYL (HAP)	> 0 but < 10 tpy
000095-47-6	BENZENE, 1,2-DIMETHYL (HAP)	> 0 but < 10 tpy
026140-60-3	BENZENE, DIPHENYL-	> 0 but < 2.5 tpy
000092-87-5	BENZIDINE (HAP)	> 0 but < 10 tpy
000100-44-7	BENZYL CHLORIDE (HAP)	> 0 but < 10 tpy
007440-41-7	BERYLLIUM (HAP)	> 0 but < 10 tpy
000057-57-8	BETA-PROPIOLACTONE (HAP)	> 0 but < 10 tpy
000117-81-7	BIS (2-ETHYLHEXYL) PHTHALATE (HAP)	> 0 but < 10 tpy
025971-63-5	BISPHENOL A PHOSGENE POLYCARBONATE	> 0 but < 2.5 tpy
000075-25-2	BROMOFORM (HAP)	> 0 but < 10 tpy
000123-72-8	BUTANAL	> 0 but < 2.5 tpy
000142-96-1	BUTYL ETHER	> 0 but < 2.5 tpy
007440-43-9	CADMIUM (HAP)	> 0 but < 10 tpy
000133-06-2	CAPTAN (HAP)	> 0 but < 10 tpy
000051-79-6	CARBAMIC ACID, ETHY ESTER (HAP)	> 0 but < 10 tpy
000079-44-7	CARBAMIC CHLORIDE, DIMETHYL (HAP)	> 0 but < 10 tpy
000075-15-0	CARBON DISULFIDE (HAP)	> 0 but < 10 tpy
000630-08-0	CARBON MONOXIDE	>= 250 tpy
000056-23-5	CARBON TETRACHLORIDE (HAP)	> 0 but < 10 tpy
000463-58-1	CARBONYL SULFIDE (HAP)	> 0 but < 10 tpy
000133-90-4	CHLORAMBEN (HAP)	> 0 but < 10 tpy
007782-50-5	CHLORINE (HAP)	> 0 but < 10 tpy
000108-90-7	CHLOROBENZENE (HAP)	> 0 but < 10 tpy
000067-66-3	CHLOROFORM (HAP)	>= 10 tpy
007440-47-3	CHROMIUM (HAP)	> 0 but < 10 tpy
007440-48-4	COBALT (HAP)	> 0 but < 10 tpy
001319-77-3	CRESYLIC ACID (HAP)	>= 10 tpy
000156-62-7	CYANAMIDE, CALCIUM SALT (1:1) (HAP)	> 0 but < 10 tpy
000057-12-5	CYANIDE (HAP)	> 0 but < 10 tpy
003547-04-4	DDE (HAP)	> 0 but < 10 tpy
000334-88-3	DIAZOMETHANE (HAP)	> 0 but < 10 tpy
000132-64-9	DIBENZOFURAN (HAP)	> 0 but < 10 tpy
000111-92-2	DIBUTYL AMINE	> 0 but < 2.5 tpy
000075-09-2	DICHLOROMETHANE (HAP)	> 0 but < 10 tpy
000131-11-3	DIMETHYL PHTHALATE (HAP)	> 0 but < 10 tpy
034590-94-8	DIPROPYLENE GLYCOL METHYL ETHER	> 0 but < 2.5 tpy
000071-55-6	ETHANE, 1,1,1-TRICHLORO (HAP)	> 0 but < 10 tpy
000079-00-5	ETHANE, 1,1,2-TRICHLORO (HAP)	> 0 but < 10 tpy
000075-34-3	ETHANE, 1,1-DICHLORO- (HAP)	> 0 but < 10 tpy
000111-44-4	ETHANE, 1,1'-OXYBIS 2-CHLORO (HAP)	> 0 but < 10 tpy
000106-93-4	ETHANE, 1,2-DIBROMO (HAP)	> 0 but < 10 tpy
000075-00-3	ETHANE, CHLORO (HAP)	> 0 but < 10 tpy
000067-72-1	ETHANE, HEXACHLORO (HAP)	> 0 but < 10 tpy

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000111-42-2	ETHANOL, 2,2'-IMINOBIIS- (HAP)	> 0 but < 10 tpy
000075-35-4	ETHENE, 1,1-DICHLORO (HAP)	> 0 but < 10 tpy
000510-15-6	ETHYL 4,4'-DICHLOROBENZILATE (HAP)	> 0 but < 10 tpy
000106-88-7	ETHYL OXIRANE (HAP)	> 0 but < 10 tpy
000100-41-4	ETHYLBENZENE (HAP)	> 0 but < 10 tpy
000079-06-1	ETHYLENE CARBOXAMIDE (HAP)	> 0 but < 10 tpy
000075-21-8	ETHYLENE OXIDE (HAP)	> 0 but < 10 tpy
000096-45-7	ETHYLENE THIOUREA (HAP)	> 0 but < 10 tpy
000151-56-4	ETHYLENEIMINE (HAP)	> 0 but < 10 tpy
0NY075-20-0	FINE MINERAL FIBERS (HAP)	> 0 but < 10 tpy
000050-00-0	FORMALDEHYDE (HAP)	> 0 but < 10 tpy
000068-12-2	FORMAMIDE, N,N-DIMETHYL (HAP)	> 0 but < 10 tpy
0NY100-00-0	HAP	>= 250 tpy
000076-44-8	HEPTACHLOR (HAP)	> 0 but < 10 tpy
000118-74-1	HEXACHLOROBIENZENE (HAP)	> 0 but < 10 tpy
000087-68-3	HEXACHLOROBUTADIENE (HAP)	> 0 but < 10 tpy
000077-47-4	HEXACHLOROCYCLOPENTADIENE (HAP)	> 0 but < 10 tpy
000110-54-3	HEXANE (HAP)	> 0 but < 10 tpy
000822-06-0	HEXANE, 1,6-DIISOCYANATO- (HAP)	> 0 but < 10 tpy
000302-01-2	HYDRAZINE (HAP)	> 0 but < 10 tpy
010035-10-6	HYDROGEN BROMIDE	> 0 but < 2.5 tpy
007647-01-0	HYDROGEN CHLORIDE (HAP)	> 0 but < 10 tpy
007664-39-3	HYDROGEN FLUORIDE (HAP)	> 0 but < 10 tpy
000122-66-7	HYRAZINE, 1,2 - DIPHENYL (HAP)	> 0 but < 10 tpy
007439-92-1	LEAD (HAP)	> 0 but < 10 tpy
000058-89-9	LINDANE, GAMMA (HAP)	> 0 but < 10 tpy
007439-96-5	MANGANESE (HAP)	> 0 but < 10 tpy
007439-97-6	MERCURY (HAP)	> 0 but < 10 tpy
000062-75-9	METHANAMINE, N-METHYL-N-NITROSO (HAP)	> 0 but < 10 tpy
000074-82-8	METHANE	> 0 but < 2.5 tpy
000542-88-1	METHANE, OXYBIS (CHLORO) (HAP)	> 0 but < 10 tpy
000072-43-5	METHOXYCHLOR (HAP)	> 0 but < 10 tpy
000080-62-6	METHYL ACRYLIC ACIDMETHYL ESTER (HAP)	> 0 but < 10 tpy
000067-56-1	METHYL ALCOHOL (HAP)	>= 10 tpy
000074-83-9	METHYL BROMIDE (HAP)	> 0 but < 10 tpy
000074-87-3	METHYL CHLORIDE (HAP)	> 0 but < 10 tpy
000107-30-2	METHYL CHLOROMETHYLETHER (HAP)	> 0 but < 10 tpy
000078-93-3	METHYL ETHYL KETONE (HAP)	> 0 but < 10 tpy
000060-34-4	METHYL HYDRAZINE (HAP)	> 0 but < 10 tpy
000074-88-4	METHYL IODIDE (HAP)	> 0 but < 10 tpy
000624-83-9	METHYL ISOCYANATE (HAP)	> 0 but < 10 tpy
001634-04-4	METHYL TERTBUTYL ETHER (HAP)	> 0 but < 10 tpy
000101-68-8	METHYLENE BISPHENYL ISOCYANATE (HAP)	> 0 but < 10 tpy
000121-44-8	N,N-DIETHYL ETHANAMINE (HAP)	> 0 but < 10 tpy
000091-20-3	NAPHTHALENE (HAP)	> 0 but < 10 tpy
007440-02-0	NICKEL METAL AND INSOLUBLE COMPOUNDS (HAP)	> 0 but < 10 tpy
000098-95-3	NITROBIENZENE (HAP)	> 0 but < 10 tpy
000059-89-2	NITROSOMORPHOLINE (HAP)	> 0 but < 10 tpy
000684-93-5	NITROSO-N-METHYLUREA (HAP)	> 0 but < 10 tpy
000119-93-7	O-TOLIDINE (HAP)	> 0 but < 10 tpy
0NY210-00-0	OXIDES OF NITROGEN	>= 250 tpy
000106-89-8	OXIRANE, (CHLOROMETHYL) (HAP)	> 0 but < 10 tpy
007782-44-7	OXYGEN O2	>= 250 tpy
000092-67-1	P-AMINODIPHENYL (HAP)	> 0 but < 10 tpy
000100-02-7	PARA-NITROPHENOL (HAP)	> 0 but < 10 tpy
0NY075-00-0	PARTICULATES	>= 250 tpy
000082-68-8	PENTACHLORONITROBIENZENE (HAP)	> 0 but < 10 tpy
000540-84-1	PENTANE, 2,2,4-TRIMETHYL- (HAP)	> 0 but < 10 tpy

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000127-18-4	PERCHLOROETHYLENE (HAP)	> 0 but < 10 tpy
000108-95-2	PHENOL (HAP)	>= 10 tpy
000534-52-1	PHENOL, 2-METHYL-4,6-DINITRO (HAP)	> 0 but < 10 tpy
000108-39-4	PHENOL, 3-METHYL (HAP)	>= 10 tpy
000106-44-5	PHENOL, 4-METHYL (HAP)	>= 10 tpy
001300-71-6	PHENOL, DIMETHYL-	> 0 but < 2.5 tpy
000087-86-5	PHENOL, PENTACHLORO (HAP)	> 0 but < 10 tpy
000075-44-5	PHOSGENE (HAP)	> 0 but < 10 tpy
007803-51-2	PHOSPHINE (HAP)	> 0 but < 10 tpy
000062-73-7	PHOSPHORIC ACID, 2,2-DICHLOROETHENYL DIMETHYL ESTER (HAP)	> 0 but < 10 tpy
000680-31-9	PHOSPHORIC TRIAMIDE, HEXAMETHYL (HAP)	> 0 but < 10 tpy
000056-38-2	PHOSPHOROTHIOIC ACID, O,O-DIETHYL O-(4-NITROPHENYL) ESTER (HAP)	> 0 but < 10 tpy
007723-14-0	PHOSPHORUS (YELLOW) (HAP)	> 0 but < 10 tpy
0NY075-00-5	PM-10	>= 250 tpy
025134-01-4	POLY(2,6-DIMETHYL-P-PHENYLENE OXIDE)	> 0 but < 2.5 tpy
001336-36-3	POLYCHLORINATED BIPHENYL (HAP)	> 0 but < 10 tpy
130498-29-2	POLYCYCLIC AROMATIC HYDROCARBONS (HAP)	> 0 but < 10 tpy
009003-53-6	POLYSTYRENE	> 0 but < 2.5 tpy
000106-50-3	P-PHENYLENEDIAMINE (HAP)	> 0 but < 10 tpy
001120-71-4	PROPANE SULTONE (HAP)	> 0 but < 10 tpy
000096-12-8	PROPANE, 1,2-DIBROMO-3-CHLORO (HAP)	> 0 but < 10 tpy
000078-87-5	PROPANE, 1,2-DICHLORO (HAP)	> 0 but < 10 tpy
000075-56-9	PROPANE, 1,2-EPOXY- (HAP)	> 0 but < 10 tpy
000079-46-9	PROPANE, 2-NITRO (HAP)	> 0 but < 10 tpy
000107-13-1	PROPENENITRILE (HAP)	> 0 but < 10 tpy
000123-38-6	PROPIONALDEHYDE (HAP)	> 0 but < 10 tpy
000091-22-5	QUINOLINE (HAP)	> 0 but < 10 tpy
000106-51-4	QUINONE (HAP)	> 0 but < 10 tpy
010043-92-2	RADON (HAP)	> 0 but < 10 tpy
007782-49-2	SELENIUM (HAP)	> 0 but < 10 tpy
000100-42-5	STYRENE (HAP)	>= 10 tpy
000096-09-3	STYRENE OXIDE (HAP)	> 0 but < 10 tpy
007446-09-5	SULFUR DIOXIDE	>= 250 tpy
000064-67-5	SULFURIC ACID, DIETHYL ESTER (HAP)	> 0 but < 10 tpy
000077-78-1	SULFURIC ACID, DIMETHYL ESTER (HAP)	> 0 but < 10 tpy
007550-45-0	TITANIUM TETRACHLORIDE (HAP)	> 0 but < 10 tpy
000108-88-3	TOLUENE (HAP)	>= 10 tpy
008001-35-2	TOXAPHENE (HAP)	> 0 but < 10 tpy
000079-01-6	TRICHLOROETHYLENE (HAP)	> 0 but < 10 tpy
000095-95-4	TRICHLOROPHENOL, 2,4,5 (HAP)	> 0 but < 10 tpy
001582-09-8	TRIFLURALIN (HAP)	> 0 but < 10 tpy
000527-60-6	TRIMETHYL PHENOL, 2,4,6-	> 0 but < 2.5 tpy
000593-60-2	VINYL BROMIDE (HAP)	> 0 but < 10 tpy
000075-01-4	VINYL CHLORIDE (HAP)	> 0 but < 10 tpy
0NY998-00-0	VOC	>= 250 tpy
001330-20-7	XYLENE, M, O & P MIXT. (HAP)	> 0 but < 10 tpy
000106-42-3	XYLENE, PARA- (HAP)	> 0 but < 10 tpy

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

Item A: Sealing - 6NYCRR Part 200.5

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The Commissioner may seal an air contamination source to prevent its operation if compliance with 6 NYCRR Chapter III is not met within the time provided by an order of the Commissioner issued in the case of the violation. Sealing means labeling or tagging a source to notify any person that operation of the source is prohibited, and also includes physical means of preventing the operation of an air contamination source without resulting in destruction of any equipment associated with such source, and includes, but is not limited to, bolting, chaining or wiring shut control panels, apertures or conduits associated with such source.

No person shall operate any air contamination source sealed by the Commissioner in accordance with this section unless a modification has been made which enables such source to comply with all requirements applicable to such modification.

Unless authorized by the Commissioner, no person shall remove or alter any seal affixed to any contamination source in accordance with this section.

**Item B: Acceptable Ambient Air Quality - 6NYCRR Part 200.6**

Notwithstanding the provisions of 6 NYCRR Chapter III, Subchapter A, no person shall allow or permit any air contamination source to emit air contaminants in quantities which alone or in combination with emissions from other air contamination sources would contravene any applicable ambient air quality standard and/or cause air pollution. In such cases where contravention occurs or may occur, the Commissioner shall specify the degree and/or method of emission control required.

**Item C: Maintenance of Equipment - 6NYCRR Part 200.7**

Any person who owns or operates an air contamination source which is equipped with an emission control device shall operate such device and keep it in a satisfactory state of maintenance and repair in accordance with ordinary and necessary practices, standards and procedures, inclusive of manufacturer's specifications, required to operate such device effectively.

**Item D: Unpermitted Emission Sources - 6NYCRR Part 201-1.2**

If an existing emission source was subject to the permitting requirements of 6NYCRR Part 201 at the time of construction or modification, and the owner and/or operator failed to apply for a permit for such emission source then the following provisions apply:

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(a) The owner and/or operator must apply for a permit for such emission source or register the facility in accordance with the provisions of Part 201.

(b) The emission source or facility is subject to all regulations that were applicable to it at the time of construction or modification and any subsequent requirements applicable to existing sources or facilities.

**Item E: 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 F: Recycling and Salvage - 6NYCRR Part 201-1.7**

Where practical, any person who owns or operates an air contamination source shall recycle or salvage air contaminants collected in an air cleaning device according to the requirements of 6 NYCRR.

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**Item G: Prohibition of Reintroduction of Collected Contaminants to the Air - 6NYCRR Part 201-1.8**

No person shall unnecessarily remove, handle, or cause to be handled, collected air contaminants from an air cleaning device for recycling, salvage or disposal in a manner that would reintroduce them to the outdoor atmosphere.

**Item H: 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 I: Proof of Eligibility for Sources Defined as Exempt Activities - 6 NYCRR Part 201-3.2(a)**

The owner and/or operator of an emission source or unit that is eligible to be exempt, may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source 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 which contains emission sources or units subject to 6 NYCRR Subpart 201-3, 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.

**Item J: Proof of Eligibility for Sources Defined as Trivial Activities - 6 NYCRR Part 201-3.3(a)**

The owner and/or operator of an emission source or unit that is listed as being trivial in 6 NYCRR Part 201 may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source 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 which contains emission sources or units subject to 6 NYCRR Subpart 201-3, 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.

**Item K: 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

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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 L: Certification by a Responsible Official - 6 NYCRR Part 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 M: 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 N: 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 O: Providing Information Upon Request - 6 NYCRR Part 201-6.5(a)(4)**

The permittee shall furnish to the Department, within a reasonable time, any information that the Department may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. The permittee shall also, on request, furnish the Department with copies of records required to be kept by the permit. Where information is claimed to be confidential, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality.

**Item P: 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

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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 Q: 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 R: Fees - 6 NYCRR Part 201-6.5(a)(7)**

The owner and/or operator of a stationary source shall pay fees to the department consistent with the fee schedule authorized by 6 NYCRR Subpart 482-2.

**Item S: Right to Inspect - 6 NYCRR Part 201-6.5(a)(8)**

Upon presentation of credentials and other documents, as may be required by law, the permittee shall allow the Department or an authorized representative to perform the following:

- i. Enter upon the permittee's premises where the permitted facility is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit;
- ii. Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;
- iii. Inspect, at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit; and
- iv. As authorized by the Act, sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.

**Item T: 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 U: Progress Reports and Compliance Schedules - 6 NYCRR Part 201-6.5(d)(5)**

Progress reports consistent with an applicable schedule of compliance must be submitted at least semiannually on a calendar year basis, or

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at a more frequent period if specified in the applicable requirement or by the Department elsewhere in this permit. These reports shall be submitted to the Department within 30 days after the end of a reporting period. Such progress reports shall contain the following:

- i. Dates for achieving the activities, milestones, or compliance required in the schedule of compliance, and dates when such activities, milestones or compliance were achieved; and
- ii. An explanation of why any dates in the schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.

**Item V: Off Permit Changes - 6 NYCRR Part 201-6.5(f)(6)**

No permit revision will be required for operating changes that contravene an express permit term, provided that such changes would not violate applicable requirements as defined under this Part or contravene federally enforceable monitoring (including test methods), recordkeeping, reporting, or compliance certification permit terms and conditions. Such changes may be made without requiring a permit revision, if the changes are not modifications under any provisions of Title I of the Act and the changes do not exceed the emissions allowable under the permit (whether expressed therein as a rate of emissions or in terms of total emissions) provided that the facility provides the Administrator and the Department with written notification in advance of the proposed changes within a minimum of 7 days as required by 6 NYCRR §201-6.5(f)(6).

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

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:

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- 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 X: 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.
- 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

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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 Y: Required Emission Tests - 6 NYCRR Part 202-1.1**

An acceptable report of measured emissions shall be submitted, as may be required by the Commissioner, to ascertain compliance or noncompliance with any air pollution code, rule, or regulation. Failure to submit a report acceptable to the Commissioner within the time stated shall be sufficient reason for the Commissioner to suspend or deny an operating permit. Notification and acceptable procedures are specified in 6NYCRR Part 202-1.

**Item Z: Visible Emissions Limited - 6 NYCRR Part 211.3**

Except as permitted by a specific part of this Subchapter and for open fires for which a restricted burning permit has been issued, no person shall cause or allow any air contamination source to emit any material having an opacity equal to or greater than 20 percent (six minute average) except for one continuous six-minute period per hour of not more than 57 percent opacity.

**Item AA: Open Fires - 6 NYCRR Part 215**

No person shall burn, cause, suffer, allow or permit the burning in an open fire of garbage, rubbish for salvage, or rubbish generated by industrial or commercial activities.

**Item BB: 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

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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 CC: Federally Enforceable Requirements - 40 CFR 70.6(b)**  
All terms and conditions in this permit required by the Act or any 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**

<b>Location Facility/EU/EP/Process/ES</b>	<b>Regulation</b>	<b>Short Description</b>	<b>Condition</b>
FACILITY	ECL 19-0301	Powers and Duties of the	273

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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

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program for New York State.

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.

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; 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(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 202-2.1

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

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.

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, GENERAL ELECTRIC SELKIRK PLASTICS PLT has been determined to be subject to the following regulations:

40CFR 50

National Ambient Air Quality Standards that apply to all facilities.

40CFR 52-A.21

This citation applies to facilities that are subject to Prevention of Significant Deterioration provisions; ie: facilities that are located in an attainment area and that emit pollutants which are listed in 40 CFR 52.21(b)(23)(i) .

40CFR 60-Kb.116b (a)

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This is the records retention requirement for all records required by this section.

40CFR 60-Kb.116b (b)

Owners or operators of affected storage tanks with capacities greater than or equal to 10,000 gallons must keep records of the tanks dimensions and an analysis of its capacity for the life of the tank. If the tank's capacity is less than 20,000 gallons, then it is subject to no other provisions of this subpart.

40CFR 63-F.102 (a)

This condition specifies how the HON rule applies to the facility during times of startup, shutdown, and malfunctions. The HON rule does not apply during these periods, but if it is still within the facility's ability to comply despite the startup, shutdown, or malfunction, the facility shall comply with the rule. The facility shall also take all measures possible to reduce the emissions of hazardous air pollutants during startups, shutdowns, and malfunctions.

40CFR 63-F.103 (a)

This condition specifies which parts of the General Provisions in 40CFR63, Subpart A apply to facilities subject to the HON and which parts do not apply. The General Provisions include provisions on reporting, recordkeeping, monitoring, performance testing, compliance extension provisions, etc.

40CFR 63-F.103 (b) (1)

This condition establishes the schedule and procedures under which the facility is to perform their stack tests to determine compliance with the HON rule. This condition refers to §63.7(a) for the default schedule and procedures, which basically gives the facility 180 days after the compliance date to perform their stack test.

40CFR 63-F.103 (b) (5)

This condition allows the facility to waive any stack test required in the HON rule if the New York State DEC approves of it. The facility would need to justify why the performance test needs to be waived (ie, excessive cost, impractical to do, etc.)

40CFR 63-F.103 (c) (1)

In order to make inspections easier, this condition requires the facility to keep any records required by the HON rule for at least five years. Furthermore, the latest 6 months of records need to be kept on site either on a computer or accessible within 2 hours.

40CFR 63-F.103 (c) (2)

This condition specifies certain records which must always be kept for any unit subject to the HON rule. These records include information about any startups, shutdowns, and malfunctions of the unit or the monitoring equipment. Records must also be kept of whether the startup, shutdown, and malfunction plan was followed. In addition, this condition requires the facility to keep records proving that any equipment used to continuously monitor emissions for the HON rule has been calibrated and maintained. Having these records will demonstrate to inspectors that the facility has been complying with the provisions in the HON rule on an ongoing basis.

40CFR 63-F.103 (d)

This condition explains how and where to send in all of their reports.

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40CFR 63-F.104

If there are heat exchangers in a process unit that is subject to the Hazardous Organic NESHAP rule, the facility must monitor the heat exchangers for leaks in order to prevent organic hazardous air pollutants from entering the coolant water supply. The facility can choose to either monitor the cooling water directly or measure some other parameter that would indicate a leak in the heat exchange equipment.

40CFR 63-F.104 (a) (1)

This condition states that if the pressure in the cooling water is greater than the pressure in the process fluid, then the facility does not need to check for leaks of organic hazardous air pollutants in the heat exchanger equipment.

40CFR 63-F.104 (a) (2)

This condition relieves the facility from needing to check the coolant fluid for leaks of organic hazardous air pollutants as long as there is another fluid in between the coolant and the process fluids.

40CFR 63-F.105

This condition requires that the facility prepare a plan on how to manage the wastewater containing organic hazardous air pollutants that is generated during process unit maintenance or shutdown. This plan should include every task that creates this type of wastewater and how best to handle the water to minimize the amount of organic hazardous air pollutants that get released to the atmosphere.

40CFR 63-G.113 (b)

This condition controls the emissions of hazardous air pollutants by requiring that if the facility is controlling emissions of the gas stream by using a process heater or a boiler, then the stream must be introduced into the flame zone. This helps to ensure complete combustion within the boiler/process heater and therefore minimizes the amount of hazardous air pollutants that could escape to the atmosphere.

40CFR 63-G.113 (e)

This condition provides an incentive for the facility to reduce the organic hazardous air pollutant emissions from the process vents by calculating a value (TRE index value) and trying to maintain the value above 4. The TRE index value is based on operating parameters such as heating value and flow rate of the gas stream, and the concentration of organic compounds. If the value stays above 4, the facility will only need to keep records and submit reports proving that the TRE has stayed above 4.

40CFR 63-G.114 (d) (2)

This condition reduces the emissions of hazardous air pollutants by requiring that the facility keeps closed any lines that could bypass any control devices. These bypass lines must be closed with a carseal or lock-and-key type configuration, and these shut-off mechanisms must be visually inspected on a monthly basis to make sure the bypass lines remain closed.

40CFR 63-G.115 (d) (1)

This condition specifies the method the facility will use to calculate the TRE index value. The TRE index value is a parameter that is used to reflect the amount of organic hazardous air pollutants being emitted from a process vent. A higher TRE index value represents a lower rate of emissions of organic hazardous air pollutants. This condition in particular allows the facility to use an engineering assessment which

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includes test results, permit limits, and design analyses to determine the variables used in the calculation.

40CFR 63-G.117 (a) (4) (iii)

This condition requires the facility to keep a description of where the process vent stream enters the boiler or process heater in order to ensure that the facility is in compliance with the hazardous air pollutant reduction requirements for process vents.

40CFR 63-G.117 (b)

This condition specifies the amount of paperwork that is required of a facility with process vents emitting a low amount of organic hazardous air pollutants. The paperwork that is required includes all parts of an engineering assessment (measurements, calculations, etc.) performed in order to calculate the TRE index value. The TRE index value is a number which indicates the level of control and recordkeeping needed to comply with the HON rule.

40CFR 63-G.118 (c)

If the facility chooses to maintain a TRE index value high enough to be in compliance with the HON rule, this condition requires the facility to keep records of any process changes and recalculations of the TRE index value. This will prove that the facility has always had a TRE index value high enough to keep emissions of organic hazardous air pollutants at a low level.

40CFR 63-G.118 (h)

This condition requires that if the TRE index value falls below 4, a report needs to be submitted on a timely basis showing why the TRE index value changed, what the new TRE index value is, and that the facility will comply with the new requirements that are required due to the new TRE index value. Having the TRE index value above 4 indicates that the facility's value is high enough to keep emissions of organic hazardous air pollutants at a low level.

40CFR 63-G.119 (e)

In order to reduce the emissions of organic hazardous air pollutants from storage vessels, a facility may elect to install a system that routes all of the emissions from the storage vessel to a control device. This condition requires that the control device reduces the organic hazardous air pollutants in this captured stream by 90-95% depending on when the control device was installed.

40CFR 63-G.119 (e) (1)

In order to reduce the emissions of organic hazardous air pollutants from storage vessels, a facility may elect to install a system that routes all of the emissions from the storage vessel to a control device. This condition requires that the control device reduces the organic hazardous air pollutants in this captured stream by 90-95% depending on when the control device was installed.

40CFR 63-G.123 (a)

This condition requires the facility to keep a record of the dimensions and the capacity of any storage vessel that is subject to the HON rule.

40CFR 63-G.132 (a) (3)

According to this condition, the facility must keep certain records for wastewater streams that are not considered a high risk of hazardous air pollutant emissions. These records will ensure that the stream(s)

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remain a minor source of emissions and are subject to verification by the New York State DEC.

40CFR 63-G.146 (b) (2)

This condition specifies the information that the facility needs to report in their Notification of Compliance Status Report concerning their process wastewater streams. This information shall be reported within 150 days of the facility's compliance date and shall identify each stream and list such information as the flowrate, concentration of organic hazardous air pollutants, intended compliance approach, etc.

40CFR 63-G.147 (a)

This condition requires the facility to notify the wastewater treatment plant operator of the presence of organic HAPs if a contaminated wastewater stream is transferred to an off-site wastewater plant.

40CFR 63-G.152 (c) (1)

This condition requires the facility to submit periodic reports on a semiannual basis starting at a specified number of days after the Notification of Compliance report is due.

40CFR 63-G.152 (d) (1)

This condition requires the facility to submit reports of startups, shutdowns, and malfunctions that occur during each 6-month period.

40CFR 63-H.160

This section of the Equipment Leaks portion of the Hazardous Organic NESHAP rule describes the types of equipment subject to the rule and types that are exempt. It also describes how overlap with other federal regulations are handled.

40CFR 63-H.162

This section of the Equipment Leaks rule describes the general standards that apply regardless of equipment type. Other sections contain standards specific to a given type of equipment (e.g., pumps in light liquid service).

40CFR 63-H.162 (c)

This section of the Equipment Leaks rule describes the general standards that apply regardless of equipment type. Other sections contain standards specific to a given type of equipment (e.g., pumps in light liquid service).

40CFR 63-H.162 (f)

This condition requires the facility to identify which pieces of equipment is leaking hazardous air pollutants. The facility is generally allowed to remove the indicator sign once the equipment has been remonitored and is no longer leaking.

40CFR 63-H.163

This section of the Equipment Leaks rule describes the standards for pumps in light liquid service. Since the individual pumps at the facility are not listed in the permit but are contained in on-site logs or descriptions, the types of pumps that are exempt are listed in the permit for clarity.

40CFR 63-H.163 (b) (2)

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This paragraph of the Equipment Leaks rule defines leaks for pumps in light liquid service. Leaks are not violations but trigger attempts at repair.

40CFR 63-H.165

This section of the Equipment Leaks rule includes the standards for pressure relief devices in gas or vapor service. These devices are designed to prevent overpressurization of tanks, reactors, etc. When one releases, it must be manually reset to a defined sealed position in a specified period of time.

40CFR 63-H.166

This condition reduces the emissions of hazardous air pollutants by requiring the facility to install sampling connection systems in such a way that the sampling system is either closed or disposed of in an approved method.

40CFR 63-H.167 (a)

This section of the Equipment Leaks rule requires caps, plugs, or blind flanges or second valves on open-ended valves and lines.

40CFR 63-H.167 (a) (1)

This section of the Equipment Leaks rule requires caps, plugs, or blind flanges or second valves on open-ended valves and lines.

40CFR 63-H.167 (b)

This condition reduces the fugitive emissions of hazardous air pollutants by requiring that when a facility has an open-ended valve or line that is subject to subpart H, there needs to be a valve on the process side that is closed before the second valve is closed. This will greatly reduce the accidental release of fluids that contain hazardous air pollutants.

40CFR 63-H.168

This section of the Equipment Leaks rule provides the monitoring schedule for valves in gas/vapor or light liquid service as well as the leak definition, and method for calculating of percent leaking valves. The percent leaking valves determines which schedule to use and may trigger a quality improvement program.

40CFR 63-H.168 (f) (1)

This section of the Equipment Leaks rule provides the monitoring schedule for valves in gas/vapor or light liquid service as well as the leak definition, and method for calculating of percent leaking valves. The percent leaking valves determines which schedule to use and may trigger a quality improvement program.

40CFR 63-H.169

This condition reduces the emissions of organic hazardous air pollutants by requiring the facility to periodically check for leaks on various types of equipment. The facility must check for physical evidence of a leak on any pumps, connectors, agitators, or valves that are in contact with process streams that are mostly in the liquid phase. If evidence of a leak is found, then further testing is required to determine if the leak is bad enough to call for repair. Records must be kept and reports must be submitted in order to verify compliance with this condition.

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40CFR 63-H.170

This condition reduces the escape of hazardous air pollutants to the atmosphere from bottoms receivers and surge control vessels at the facility. This condition requires the facility to enclose these pieces of equipment and send the emissions to a control device or recover the HAP's that may escape.

40CFR 63-H.171 (a)

This condition allows the facility to delay repair of a leaking piece of equipment if the facility deems it to be technically infeasible to do so. The repair must be done the next time the process is not in operation.

40CFR 63-H.171 (b)

This condition allows the facility to delay the repair of a leaking piece of equipment if the leaking equipment is isolated and no longer contains organic hazardous air pollutants.

40CFR 63-H.171 (c)

This condition allows facilities the option to delay the repair of certain types of equipment that are leaking hazardous air pollutants if the repair of that equipment would cause more emissions than if they left the equipment alone. In these cases, the material that was purged during the repair must be collected and controlled in order to further reduce the emissions of hazardous air pollutants.

40CFR 63-H.171 (d)

This condition allows the facility to delay the repair of pumps if the repair entails:

- implementing a quality improvement program (QIP) for the pump,
- replacing the pump with one that is much less susceptible to leaking, or
- venting emissions from the pump to a closed-vent system with a control device.

The facility will be given up to six months to repair the leaking pump.

40CFR 63-H.171 (e)

This condition allows the facility to extend a delayed repair beyond a process unit shutdown for valves if certain, specific extenuating circumstances are being faced.

40CFR 63-H.172 (b)

This condition reduces the fugitive emissions of hazardous air pollutants by requiring the facility to monitor all closed vent systems and control devices for leaks. Monitoring must be done on a periodic basis and records and reports are required to help verify that the equipment are not leaking excessively.

40CFR 63-H.173

This section of the Equipment Leaks rule provides the leak monitoring schedule, leak definition, repair standards and exemptions for agitators in gas/vapor or light liquid service.

40CFR 63-H.174 (a)

This condition reduces the emissions of hazardous air pollutants by requiring the facility to periodically check for leaks in certain connectors. The facility then has a limited amount of time in order to repair the leak and stop the fugitive emissions of hazardous air pollutants. The facility may reduce the frequency of monitoring for leaks if the percentage of connectors that are leaking is below a certain threshold. Records

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must be kept and reports must be submitted verifying compliance with this condition.

40CFR 63-H.174 (c) (1) (i)

This condition specifies the different monitoring requirements for connectors that has been opened. The facility must either monitor the connector right away or must automatically count it as a leaking connector when calculating the monitoring frequency of connectors throughout the facility.

40CFR 63-H.174 (f)

This condition allows the facility to skip the periodic monitoring of connectors that are not safe for personnel to monitor. A written plan must be developed requiring monitoring as often as possible during times when it is safe to monitor the connector.

40CFR 63-H.174 (g)

This condition allows the facility to delay repairing of a connector if it is deemed to be unsafe for personnel to repair until the next shutdown.

40CFR 63-H.181 (a)

This condition specifies certain recordkeeping requirements for facilities that are subject to Subpart H. These requirements basically require the facility to make all of the records readily accessible so that they may be verified by an inspector.

40CFR 63-H.181 (b)

This condition lists some of the records that the facility must keep in order to verify compliance with Subpart H. This condition specifically requires the company to keep lists of each piece of equipment that is supposed to be monitored according to the provisions in Subpart H.

40CFR 63-H.182 (a)

This condition requires the facility to submit certain reports to the NYS DEC listing the results of the monitoring that is required in Subpart H.

40CFR 63-H.182 (d)

This condition lists the items that the facility must enter in their semi-annual periodic report. The items include the number of pieces of equipment that were monitored, how many pieces of equipment were found to be leaking and whether the leaks were repaired.

40CFR 63-JJJ.1311 (c)

This regulation requires owners or operators of existing affected sources to be in compliance with Subpart JJJ no later than September 12, 1999; however, the compliance date for the provisions contained in 40 CFR 63.1329 is temporarily extended from September 12, 1999 to February 27, 2001, for existing affected sources whose primary product is PET using a continuous terephthalic acid high viscosity multiple end finisher process.

40CFR 63-JJJ.1311 (d)

This condition specifies that the any facility that is subject to Subpart JJJ must comply with the equipment leak provisions that are contained in Subpart H of 40CFR63. These provisions require that the facility periodically monitor various types of equipment for hazardous air pollutants that are escaping into the

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atmosphere. If a leak is found, then the facility will be required to repair the leak within a specific time frame in order to reduce the amount of hazardous air pollutants being emitted.

40CFR 63-JJJ.1311 (f)

This regulation requires the owners or operators of affected sources subject to 40CFR63 Subpart JJJ to comply with the requirements of Subpart A of Part 63. Subpart A is the General Provisions for the NESHAP for Source Categories regulations. The General Provisions contain requirements for performance testing, monitoring, notification, recordkeeping, reporting, and control devices that may apply to the source.

40CFR 63-JJJ.1311 (o)

This condition clarifies the time periods in which the facility may comply with the provisions of Subpart JJJ. Subpart JJJ contains many requirements that must be done on a periodic basis (for example, the quarterly leak detection monitoring for valves). This condition specifies that the quarterly monitoring must occur according to a calendar quarter (January 1 - March 31) as opposed to starting on some date in the middle of the first month.

40CFR 63-JJJ.1313 (a)

This condition specifies which sections of subpart JJJ apply to each specific type of process equipment.

40CFR 63-JJJ.1315

This regulation requires records to be maintained of measurements, engineering assessments and calculations performed to determine the TRE (Total Resource Effectiveness) index value of the vent stream.

40CFR 63-JJJ.1316

Since the facility produces polystyrene using a continuous process, it must comply with paragraph (c) of this section.

40CFR 63-JJJ.1317

This condition requires that any facility with a continuous process vent that is using a control device to comply with the provisions of subpart JJJ shall monitor the control device according to the provisions in subpart G. The provisions in subpart G require specific parameters to be monitored depending on the type of air pollution control equipment that is used to reduce the emissions of hazardous air pollutants. For example, if the facility uses a flare to burn any HAPs that are emitted from a continuous process vent, then this condition requires them to monitor the flare using a thermocouple to ensure that the temperature is high enough to indicate that the flame inside the flare is in operation.

40CFR 63-JJJ.1319 (a)

This condition requires that any facility subject to the provisions for continuous processes producing polystyrene and PET shall comply with the recordkeeping requirements listed for process vents in §63.114 through §63.118 of subpart G. These provisions require the facility to keep records of the values that are required to determine whether the air pollution control equipment are operating and are reducing the level of emissions of hazardous air pollutants.

40CFR 63-JJJ.1320 (a)

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This condition requires that any facility subject to the provisions for continuous processes producing polystyrene and PET shall comply with the reporting requirements listed for process vents in §63.114 through §63.118 of subpart G. These provisions require the facility to submit reports to the New York State DEC describing whether the facility is reducing the emissions of hazardous air pollutants and complying with the appropriate provisions in subpart JJJ.

40CFR 63-JJJ.1328

This regulation details the requirements for heat exchange systems at facilities subject to the requirements of 40 CFR 63 Subpart JJJ.

40CFR 63-JJJ.1331

These conditions detail the leak detection and repair program that is required under 40CFR63, Subpart JJJ. The facility will be required to periodically monitor each type of equipment for leaking of any organic hazardous air pollutant, and repair them on a timely basis. Records will also need to be kept indicating which equipment leaked and detailing information about the repair of the leaks. Reports will also be required listing which monitoring and repairs took place.

40CFR 63-JJJ.1335

This condition specifies what records the facility needs to keep and what reports need to be sent in order to demonstrate compliance with the requirements of subpart JJJ. Records that need to be kept include, but are not limited to, the values of the monitored parameters and start-up/shutdown/malfunction records. Reports include, but are not limited to, the Notification of Compliance Status report and semi-annual periodic reports.

40CFR 63-JJJ.1335 (e) (6)

This regulation requires the source owner or operator to submit periodic reports as specified in paragraphs (e)(6)(i) through (e)(6)(xi) of 40 CFR 63 Subpart JJJ-1335.

6NYCRR 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 201-6.5 (f)

This regulation defines in general terms under what circumstances changes would be allowed without a permit modification provided the permit contains sufficient operational flexibility provisions.

6NYCRR 212 .10 (c)

This regulations sets forth the requirements for reasonably available control technology (RACT) and RACT compliance plans for facilities that are major sources of oxides of nitrogen or volatile organic compounds.

6NYCRR 212 .10 (c) (1)

Facilities with an annual potential to emit of 100 tons or more of NO<sub>x</sub> or 50 tons or more of VOC must comply with this citation. A RACT analysis is not required for emission points with NO<sub>x</sub> and VOC

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emission rate potentials less than 3.0 pounds per hour.

6NYCRR 212.11 (b)

Any process source equipped with certain control equipment must comply with this citation.

6NYCRR 212.11 (b) (5)

This section sets the requirements for sampling, monitoring, recordkeeping, and reporting from process sources using continuous monitors.

6NYCRR 212.4 (a)

This rule requires compliance with the degree of control specified in Tables 2, 3 and 4 for new (after July 1, 1973) process emission sources.

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 a particulate emission rate not to exceed 0.05 grains per dry standard cubic foot.

6NYCRR 225-1.2 (a) (2)

This regulation prohibits any person from selling, offering for sale, purchasing or using any fuel which contains sulfur in a quantity exceeding the limitations set forth in Table 1, Table 2, or Table 3 of this section.

6NYCRR 225-1.8

This regulation requires an owner or operator of a facility which purchases and fires coal and/or oil to submit reports to the commissioner containing fuel analysis data, information on the quantity of the fuel received, burned, and results of any stack sampling, stack monitoring and any other procedures to ensure compliance with the provisions of 6 NYCRR Part 225-1.

6NYCRR 225-2.4 (a) (2)

This regulation allows a source owner or operator to burn Waste Fuels A or B at their facility, provided the following information is submitted and is acceptable to the Department:

1. a demonstration that the emissions will not be above the ambient air quality standards
2. an analysis of the fuel to be burned is submitted and accepted by the Department
3. a demonstration of compliance with 40 CFR Part 761 regarding the PCB level in the fuel.

6NYCRR 225-2.4 (a) (4)

This regulation allows a source owner or operator to burn Waste Fuels A or B at their facility, provided the following information is submitted and is acceptable to the Department:

1. a demonstration that the emissions will not be above the ambient air quality standards
2. an analysis of the fuel to be burned is submitted and accepted by the Department
3. a demonstration of compliance with 40 CFR Part 761 regarding the PCB level in the fuel.



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6NYCRR 225-2.7 (a)

This regulation requires the owner or operator of the facility burning the waste fuel to sample and analyze all shipments of the fuel received, monitor the emissions from the burning of the fuel and maintain records of the quantities of the fuel received.

6NYCRR 225-2.7 (e)

This regulation requires the owner or operator to sample and analyze the waste fuel in a manner acceptable to the Department.

6NYCRR 226

This regulation specifies the general requirements, equipment specifications and operating requirements for open-top vapor, conveyORIZED and cold cleaning degreasers.

6NYCRR 229 .3 (e) (1)

Any VOC liquid fixed roof storage tank with capacities greater than or equal to 20,000 gallons with a maximum true vapor pressure greater than or equal to 4.0 psia up to and including tanks with capacities greater than or equal to 40,000 gallons with a maximum true vapor pressure greater than or equal to 1.0 psia must meet the requirements of this citation

6NYCRR 229 .3 (e) (2) (iv)

This section requires a tank with submerged fill for storage of volatile organic liquids

6NYCRR 229 .3 (e) (2) (v)

This section requires the tank to be equipped with conservation vents for storage of volatile organic liquids.

6NYCRR 231-2

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.

6NYCRR 236 .2 (c)

This condition allows facilities to substitute compliance with stricter leak detection and repair (LDAR) plans required by Federal regulations for the LDAR requirements of Part 236.

**Compliance Certification**

Summary of monitoring activities at GENERAL ELECTRIC SELKIRK PLASTICS PLT:

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Basis for Monitoring

CEM (continuous emission monitor):

ut: RESBLG, pr: RWS reg: 212.4(a), ct: methyl alcohol, toluene
ut: RESBLG, pr: RWS reg: 212.10(c), ct: VOC

ut: RESBLG, pr: RPV, sc: 00403, reg: 212.4(a), ct: toluene
ut: RESBLG, pr: RPV, sc: 00403, reg: 212.10(c), ct: VOC
ut: RESBLG, pt: 00403, pr: RPV, sc: 00403, reg: 231-2, ct: VOC
ut: RESBLG, pr: RPV, sc: 00403, reg: 52.21 ct: VOC
ut: RESBLG, pt: 01366, pr: RPV, sc: 01366, reg: 212.4(a) ct: toluene

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ut: RESBLG, pt: 01366, pr: RPV, sc: 01366, reg: 212.4(a), ct: toluene  
Monitoring at the above locations is by using a CEM. This type of monitoring demonstrates compliance by the direct or indirect measurement of contaminant emissions from an emission point using instrumentation which operates on a continuous basis.

Intermittent emission testing:

ut: APAREA, pr: AT4, reg: 63.119(e), ct: HAP  
ut: APAREA, pr: AT3, sc: MF102, reg: 63.172(b), ct: HAP  
ut: GEHBLG, pr: HT3, reg: 212.10(c), ct: VOC  
ut: RESBLG, pt: 00344, pr: RRX, sc: 00344, reg: 212.4(a), ct: toluene  
ut: RESBLG, pt: 01366, pr: RPV, sc: 01366, reg: 212.4(a), ct: toluene  
ut: RENGEM, reg: 227-2.4(f)(2)(ii), ct: NOX  
ur: RENGEM, reg: 227-2.6(a)(7), ct: NOX

This type of monitoring involves the direct measurement of contaminant (or surrogate contaminant) emissions from an emission point on a periodic basis. If this option is selected, additional information regarding stack test protocols/reports is also provided.

Monitoring of process or control device parameters as surrogate:

ut: APAREA, pr: ASH, reg: 212.4(c)  
ut: APAREA pr: AT3 reg: 212.4(a) ct: VOC  
ut: APAREA, pr: AT3, reg: 212.10(c), ct: VOC  
  
ut: APAREA, pt: 00282, pr: AT3, sc: M305B, reg: 212.10(c), ct: toluene  
ut: APAREA, pt: 00282, reg: 63.119(e)(1), ct: HAP  
  
ut: APAREA, pt: 00284, pr: BIF, sc: 00284, reg: 212.4(c), ct: particulates  
ut: APAREA, pt: 00284, reg: 225-2.4(a)(2), ct: chlorine  
ut: APAREA, pt: 00284, reg: 40 CFR 50, ct: lead  
  
ut: APAREA, pt: 01252, pr: AT5, sc: M305B, reg: 212.10(c), ct: toluene  
  
ut: RESBLG, pr: RRX, reg: 212.4(a) ct: VOC, toluene  
ut: RESBLG, pr: RRX, reg: 212.10(c) ct: VOC  
ut: RESBLG, pt: 00306, pr: RT2, sc: 00306, reg: 212.10(c)(1), ct: VOC  
  
ut: RESBLG, pt: 00417, pr: RT2, sc: 00417, reg: 212.4(a), ct: toluene  
ut: RESBLG, pr: RT2, sc: 00417, reg: 212.10(c), ct: VOC  
  
ut: RESBLG, pt: 00420, pr: RT1, sc: 00420, reg: 229.3(e)(1), ct: VOC  
  
ut: RESBLG, pt: 00421, pr: RT2, sc: 00421, reg: 212.4(a), ct: toluene  
ut: RESBLG, pt: 00421, pr: RT2, sc: 00421, reg: 212.10(c), ct: VOC  
  
ut: RESBLG, pt: 00446, pr: RT2, sc: 00446, reg: 212.4(a), ct: toluene



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ut: RESBLG, pt:00448, pr: RT2, sc: 00448, reg: 212.4(a), ct: toloene  
ut: RESBLG, pr: RT2, sc: 00448, reg: 212.10(c), ct: VOC

ut: RESBLG, pt: 00449, pr: RT2, sc: 00449, reg: 212.4(a), ct: toluene

ut: SFSBLG, pr: FEX, sc: C2593, reg: 212.4(a), ct: VOC

ut: WTAREA, pt: 00712, pr: WPV, sc: DH712, reg: 212.10(c), ct: VOC

ut: RENGEN, reg: 227-1.3(a)  
ut: RENGEN, reg: 231-2.2(a)(4), ct: NOX  
ut: RENGEN, reg: 52.21, ct: SO2, NOX

the following 12 locations require a weekly visual inspection for visible emissions: (all reg: 212.4(c))

- ut: APAREA, pr: ASH
- ut: CXPRSS, pt: 05004, pr: CXP, sc: C5004
- ut: CXPRSS, pt: 05005, pr: CXP, sc: 05005
- ut: GEHBLG, pr: HSH
- ut: GEHBLG, pt: 3012, pr: HPV, sc: 03012
- ut: GELBLG, pr: GPV
- ut: GELBLG, pr: GSH
- ut: RESBLG, pr: RSH
- ut: SFSBLG, pt: 02593, pr: FPV, sc: RECUP
- ut: SFSBLG, pt: 02600, pr: FSH
- ut: SFSBLG, pt: 02601, pr: FSH
- ut: SFSBLG, pr: 02617 pr: FSH

This type of monitoring demonstrates compliance by the indirect measurement of emissions via monitoring of process or control device parameters and performance on a continuous or periodic basis.

Work practice involving specific operations:

ut: APAREA, reg: 63.173, ct: HAP/THC  
ut: APAREA, reg: 63.174(a), ct: HAP/THC

ut: APAREA, pr: AFE, sc: ALDAR, reg: 63.163(b)(2), ct: HAP/THC  
ut: APAREA, pr: AFE, sc: ALDAR, reg: 63.165, ct: HAP/THC  
ut: APAREA, pr: AFE, sc: ALDAR, reg: 63.168, ct: HAP/THC  
ut: APAREA, pr: AFE, sc: ALDAR, reg: 63.169, ct: HAP/THC

ut: SFSBLG, pr: FEX, sc: C2581, reg: 212.4(a) ct: VOC

This type of monitoring involves activities where time of operation, thrupt of product, thrupt of raw material, or parameter of a process material thrupt is measured and represents an operating.

For the remainder of the facility specific monitoring, record keeping/maintenance procedures are used. This type of monitoring demonstrates compliance by the application of maintenance procedures which are necessary to maintain acceptable operations or by activities involving the upkeep of records.

ut=unit

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pt= point  
pr=process  
sc=source  
reg=regulation  
ct=contaminant