

217/782-2113

FEDERALLY ENFORCEABLE STATE OPERATING PERMIT -- REVISED

PERMITTEE

G & W Electric Company
Attn: Pete Gerike
3500 West 127th Street
Blue Island, Illinois 60406

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| <u>Application No.:</u> 73010222 | <u>I.D. No.:</u> 031024ABC |
| <u>Applicant's Designation:</u> TORIT | <u>Date Received:</u> November 3, 2003 |
| <u>Subject:</u> Metal Coating and Fabrication | |
| <u>Date Issued:</u> | <u>Expiration Date:</u> |
| <u>Location:</u> 3500 West 127th Street, Blue Island, Cook County, 60406 | |

This permit is hereby granted to the above-designated Permittee to OPERATE emission source(s) and/or air pollution control equipment consisting of:

Three (3) Natural-Gas-Fired Boilers;
Welding Operations;
Coating Operation, including (3) Paint Booths;
Brazing Station Operations;
Solder Pots Operations;
Heated Phosphoric Tank;
Three (3) Asphalt Compounding Blending Tanks (Each 500 Gallon) and One (1) Vinsol Resin Tank
Sand Mold Process with Two (2) Dust Collectors (Torit 4-32 and Torit DFT 3-12);
Epoxy Mold Operations (Thirteen (13) Electrically Heated Curing Ovens, 1 Natural Gas-Fired Curing Oven, Joslyn/MacClean Process, Indoor Product Line, Two Electroday Coating Booths and High Voltage Test Solution Tank);
Tin Spray Prep with One (1) Electric Curing Oven;
Aluminum/Copper Melting Operations with Four (4) Induction Furnaces and one (1) Dust Collector (Torit DFT 4-16); and
One (1) No Bake Sand Silo and One (1) Silica Sand Silo with Dust Collector (Torit TD-486)

pursuant to the above-referenced application. This Permit is subject to standard conditions attached hereto and the following special condition(s):

- 1a. This federally enforceable state operating permit is issued:
 - i. To limit the emissions of air pollutants from the source to less than major source thresholds (i.e., 100 tons/year for Volatile Organic Material (VOM) and 10 tons/year for any single Hazardous Air Pollutant (HAP) and 25 tons/year for any combination of such HAPs). As a result, the source is excluded from requirements to obtain a Clean Air Act Permit Program (CAAPP) permit. The maximum emissions of this source, as limited by the conditions of this permit, are described in Attachment A.

- ii. To limit the potential emissions of VOM from the source to less than 25 tons/year. As a result, the source is excluded from the requirements of 35 Ill. Adm. Code Part 205, Emissions Reduction Market System. The maximum emissions of this source, as limited by the conditions of this permit, are described in Attachment A.
- b. Prior to issuance, a draft of this permit has undergone a public notice and comment period.
- c. This permit supersedes all operating permits issued for this location.
- 2a. Pursuant to 35 Ill. Adm. Code 212.123(a), no person shall cause or allow the emission of smoke or other particulate matter, with an opacity greater than 30 percent, into the atmosphere from any emission unit other than those emission units subject to 35 Ill. Adm. Code 212.122.
- b. Pursuant to 35 Ill. Adm. Code 212.123(b), the emission of smoke or other particulate matter from any such emission unit may have an opacity greater than 30 percent but not greater than 60 percent for a period or periods aggregating 8 minutes in any 60 minute period provided that such opaque emissions permitted during any 60 minute period shall occur from only one such emission unit located within a 305 meters (1000 feet) radius from the center point of any other such emission unit owned or operated by such person, and provided further that such opaque emissions permitted from each such emission unit shall be limited to 3 times in any 24 hour period.
- c. Pursuant to 35 Ill. Adm. Code 212.301, no person shall cause or allow the emission of fugitive particulate matter from any process, including any material handling or storage activity, that is visible by an observer looking generally toward the zenith at a point beyond the property line of the source.
- d. Pursuant to 35 Ill. Adm. Code 212.306, all normal traffic pattern access areas surrounding storage piles specified in 35 Ill. Adm. Code 212.304 and all normal traffic pattern roads and parking facilities which are located on mining or manufacturing property shall be paved or treated with water, oils or chemical dust suppressants. All paved areas shall be cleaned on a regular basis. All areas treated with water, oils or chemical dust suppressants shall have the treatment applied on a regular basis, as needed, in accordance with the operating program required by 35 Ill. Adm. Code 212.309, 212.310 and 212.312.
- e. Pursuant to 35 Ill. Adm. Code 212.307, all unloading and transporting operations of materials collected by pollution control equipment shall be enclosed or shall utilize spraying, pelletizing, screw conveying or other equivalent methods.
- f. Pursuant to 35 Ill. Adm. Code 212.309(a), the emission units described in 35 Ill. Adm. Code 212.304 through 212.308 shall be operated under the provisions of an operating program, consistent with the requirements set forth in 35 Ill. Adm. Code 212.310 and 212.312, and prepared by the owner or operator and submitted to the Illinois EPA for

its review. Such operating program shall be designed to significantly reduce fugitive particulate matter emissions.

- g. Pursuant to 35 Ill. Adm. Code 212.310, as a minimum the operating program shall include the following:
 - i. The name and address of the source;
 - ii. The name and address of the owner or operator responsible for execution of the operating program;
 - iii. A map or diagram of the source showing approximate locations of storage piles, conveyor loading operations, normal traffic pattern access areas surrounding storage piles and all normal traffic patterns within the source;
 - iv. Location of unloading and transporting operations with pollution control equipment;
 - v. A detailed description of the best management practices utilized to achieve compliance with 35 Ill. Adm. Code 212 Subpart K, including an engineering specification of particulate collection equipment, application systems for water, oil, chemicals and dust suppressants utilized and equivalent methods utilized;
 - vi. Estimated frequency of application of dust suppressants by location of materials; and
 - vii. Such other information as may be necessary to facilitate the Illinois EPA's review of the operating program.
- h. Pursuant to 35 Ill. Adm. Code 212.321(a), no person shall cause or allow the emission of particulate matter into the atmosphere in any one hour period from any new process emission unit which, either alone or in combination with the emission of particulate matter from all other similar process emission units for which construction or modification commenced on or after April 14, 1972, at a source or premises, exceeds the allowable emission rates specified in 35 Ill. Adm. Code 212.321(c).
- 3. Pursuant to 35 Ill. Adm. Code 214.301, no person shall cause or allow the emission of sulfur dioxide into the atmosphere from any process emission source to excess 2000 ppm.
- 4. Pursuant to 35 Ill. Adm. Code 216.121, no person shall cause or allow the emission of carbon monoxide (CO) into the atmosphere from any fuel combustion emission source with actual heat input greater than 2.9 MW (10 mmBtu/hour) to exceed 200 ppm, corrected to 50 percent excess air.
- 5a. Pursuant to 35 Ill. Adm. Code 218.122(b), no person shall cause or allow the loading of any organic material into any stationary tank having a storage capacity of greater than 946 l (250 gal), unless such tank is equipped with a permanent submerged loading pipe or an equivalent device approved by the Illinois EPA according to the provisions of 35 Ill. Adm. Code 201, and further processed consistent

with 35 Ill. Adm. Code 218.108, or unless such tank is a pressure tank as described in 35 Ill. Adm. Code 218.121(a) or is fitted with a recovery system as described in 35 Ill. Adm. Code 218.121(b)(2).

- b. Pursuant to 35 Ill. Adm. Code 218.204, except as provided in 35 Ill. Adm. Code 218.205, 218.207, 218.208, 218.212, 218.215 and 218.216, no owner or operator of a coating line shall apply at any time any coating in which the VOM content exceeds the following emission limitations for the specified coating. The following emission limitations are expressed in units of VOM per volume of coating (minus water and any compounds which are specifically exempted from the definition of VOM) as applied at each coating applicator, except where noted. Compounds which are specifically exempted from the definition of VOM should be treated as water for the purpose of calculating the "less water" part of the coating composition. Compliance with 35 Ill. Adm. Code 218 Subpart F must be demonstrated through the applicable coating analysis test methods and procedures specified in 35 Ill. Adm. Code 218.105(a) and the recordkeeping and reporting requirements specified in 35 Ill. Adm. Code 218.211(c) except where noted. The emission limitations are as follows:

| | kg/l | lb/gal |
|--|------|--------|
| i. Magnet Wire Coating | 0.20 | (1.7) |
| ii. Miscellaneous Metal Parts and Products Coating | | |
| A. Clear coating | 0.52 | (4.3) |
| B. Extreme performance coating | | |
| I. Air dried | 0.42 | (3.5) |
| II. Baked | 0.40 | (3.3) |
| C. All other coatings | | |
| I. Air Dried | 0.40 | (3.3) |
| II. Baked | 0.34 | (2.8) |

- c. Pursuant to 35 Ill. Adm. Code 218.301, no person shall cause or allow the discharge of more than 3.6 kg/hour (8 lbs/hour) of organic material into the atmosphere from any emission unit, except as provided in 35 Ill. Adm. Code 218.302, 218.303, or 218.304 and the following exception: If no odor nuisance exists the limitation of 35 Ill. Adm. Code 218 Subpart G shall only apply to photochemically reactive material.

- 6a. This permit is issued based on the source not being subject to the National Emission Standard for Hazardous Air Pollutants (NESHAP) for Secondary Aluminum Production, 40 CFR 63 Subpart RRR. Pursuant to 40 CFR 63.1500(f), in the case of an aluminum die casting facility, aluminum foundry, or aluminum extrusion facility which is an area source and is subject to regulation under 40 CFR 63 Subpart RRR only

because it operates a thermal chip dryer, no furnace operated by such a facility shall be deemed to be subject to the requirements of 40 CFR 63 Subpart RRR if it melts only clean charge, internal scrap, or customer returns.

- b. This permit is issued based on the source not being subject to the National Emission Standard for Hazardous Air Pollutants (NESHAP) for Surface Coating of Miscellaneous Metal Parts and Products, 40 CFR 63 Subpart MMMM. This is a result of the federally enforceable production and operating limitations, which restrict the potential to emit to less than 10 tons/year for any individual Hazardous Air Pollutant (HAP), and 25 tons/year of any combination of such HAPs.
 - c. This permit is issued based on the source not being subject to the National Emission Standard for Hazardous Air Pollutants (NESHAP) for Secondary Copper Smelting Area Sources, 40 CFR 63 Subpart FFFFFFFF. Pursuant to the definition of "Secondary copper smelter" in 40 CFR 63.11158, a facility where recycled copper scrap or copper alloy scrap is melted to produce ingots or for direct use in a manufacturing process is not a secondary copper smelter.
7. Pursuant to 35 Ill. Adm. Code 212.314, 35 Ill. Adm. Code 212.301 shall not apply and spraying pursuant to 35 Ill. Adm. Code 212.304 through 212.310 and 35 Ill. Adm. Code 212.312 shall not be required when the wind speed is greater than 40.2 km/hr (25 mph). Determination of wind speed for the purposes of this rule shall be by a one-hour average or hourly recorded value at the nearest official station of the U.S. Weather Bureau or by wind speed instruments operated on the site. In cases where the duration of operations subject to this rule is less than one hour, wind speed may be averaged over the duration of the operations on the basis of on-site wind speed instrument measurements.
- 8a. Pursuant to 35 Ill. Adm. Code 218.122(c), if no odor nuisance exists the limitations of 35 Ill. Adm. Code 218.122 shall only apply to the loading of VOL with a vapor pressure of 17.24 kPa (2.5 psia) or greater at 294.3°K (70°F).
- b. Pursuant to 35 Ill. Adm. Code 218.209, no owner or operator of a coating line subject to the limitations of 35 Ill. Adm. Code 218.204 is required to meet the limitations of 35 Ill. Adm. Code 218 Subpart G (35 Ill. Adm. Code 218.301 or 218.302), after the date by which the coating line is required to meet 35 Ill. Adm. Code 218.204.
- 9a. In the event that the operation of this emission unit results in an odor nuisance, the Permittee shall take appropriate and necessary actions to minimize odors, including but not limited to, changes in raw material or installation of controls, in order to eliminate the odor nuisance.
- b. The Permittee shall, in accordance with the manufacturer(s) and/or vendor(s) recommendations, perform periodic maintenance on the cartridge collector and the dust collectors such that the cartridge collector and the dust collectors are kept in proper working condition

and not cause a violation of the Illinois Environmental Protection Act or regulations promulgated therein.

- c. The boilers shall only be operated with natural gas as the fuel. The use of any other fuel in the boilers requires that the Permittee first obtain a construction permit from the Illinois EPA and then perform stack testing to verify compliance with all applicable requirements.

- 10a. Operation and emissions from all coating operations at the source (including VOM emissions associated with clean-up operations) shall not exceed the following limits:

| Coating Usage (Including Thinner) | | VOM Content | VOM Emissions | |
|--------------------------------------|-----------------|------------------|-----------------|------------------|
| <u>(Gal/Mo)</u> | <u>(Gal/Yr)</u> | <u>(Lbs/Gal)</u> | <u>(Lbs/Mo)</u> | <u>(Tons/Yr)</u> |
| 350 | 4,200 | 3.50 | 1,225 | 7.35 |

These limits are based on maximum coating materials, thinner and solvent usage and emissions are determined by materials balance.

- b. Emissions and operation of all boilers (combined) shall not exceed the following limits:

- i. Natural Gas Usage:

| <u>(mmscf/Month)</u> | <u>(mmscf/Year)</u> |
|----------------------|---------------------|
| 20 | 200 |

- ii. Emissions from the combustion of natural gas:

| <u>Pollutant</u> | Emission Factor <u>(Lbs/mmscf)</u> | Emissions | |
|------------------|---------------------------------------|---------------------|--------------------|
| | | <u>(Tons/Month)</u> | <u>(Tons/Year)</u> |
| CO | 84.0 | 0.84 | 8.40 |
| NO _x | 100.0 | 1.00 | 10.00 |
| PM | 7.6 | 0.08 | 0.76 |
| SO ₂ | 0.6 | 0.01 | 0.06 |
| VOM | 5.5 | 0.06 | 0.55 |

These limits are based on maximum fuel usage and standard emissions factors (Tables 1.4-1 and 1.4-2, AP-42, Fifth Edition, Volume I, Supplement D, July 1998).

- c. Emissions and operation of asphalt compounding process shall not exceed the following limits:

| Throughput | | VOM Emissions | |
|-----------------|-----------------|----------------|-----------------|
| <u>(Ton/Mo)</u> | <u>(Ton/Yr)</u> | <u>(lb/Mo)</u> | <u>(Ton/Yr)</u> |
| 8.20 | 97.5 | 74 | 0.44 |

These limits are based on maximum throughput of asphalt compounding process and emissions were determined based on the assumption that all the raw materials used in asphalt compounding process has a vapor pressure of 1.7 mm of Hg at 250°F.

- d. Emissions and operation of equipment shall not exceed the following limits:

| <u>Item of Equipment</u> | <u>Operating Hours (Hour/Year)</u> | <u>E M I S S I O N S</u> | | | |
|--------------------------|--|--------------------------|-----------------|----------------|-----------------|
| | | <u>VOM</u> | | <u>PM</u> | |
| | | <u>(lb/Mo)</u> | <u>(Ton/Yr)</u> | <u>(lb/Mo)</u> | <u>(Ton/Yr)</u> |
| Tin Spray Operation | 400 | 150 | 0.90 | 74 | 0.44 |
| Sand Mold Process | 2,880 | 1,583 | 8.00 | 200 | 1.2 |

These limits are based on material balance and maximum throughputs.

- e. Emissions and operation of all epoxy molding operations (new and existing) shall not exceed the following limits:

| <u>VOM Solvent Usage</u> | | <u>Volatile Organic Material Emissions</u> | |
|--------------------------|-------------------|--|-------------------|
| <u>(lb/Month)</u> | <u>(Ton/Year)</u> | <u>(lb/Month)</u> | <u>(Ton/Year)</u> |
| 833 | 5.00 | 833 | 5.00 |

These limits are based on a material balance with all solvents used being emitted.

- f. This permit is issued based on negligible emissions of volatile organic material (VOM) and particulate matter from welding operations, brazing stations and solder pots. For this purpose emissions of each pollutant from each type of emission unit shall not exceed nominal emissions rates of 0.1 lb/hr and 0.44 ton/year.
- g. Emissions and operation of metal melting operation, including the aluminum and copper melting process, shall not exceed the following limits:

| <u>Process Weight Rate</u> | | <u>PM Emissions</u> | |
|----------------------------|-----------------|---------------------|-----------------|
| <u>(Ton/Mo)</u> | <u>(Ton/Yr)</u> | <u>(Ton/Mo)</u> | <u>(Ton/Yr)</u> |
| 250 | 3000 | 0.5 | 5.0 |

These limits are based on maximum process weight rate of 572.08 lbs/hour of metal castings and the PM emissions are based on the allowable emission rate from 35 Ill. Adm. Code 212.321 (1.30 lb/hour).

- h. This permit is issued based on negligible emissions of particulate matter from two crucible furnaces and acid tanks. For this purpose, emissions of particulate matter from each type of emission unit shall not exceed nominal emission rates of 0.1 lb/hour and 0.44 ton/year.

- i. This permit is issued based on negligible emissions of volatile organic matter from the Joslyn/MacClean Process. For this purpose, emissions from this process shall not exceed nominal emission rates of 0.1 lb/hour and 0.44 tons/year.
- j. This permit is issued based on negligible emissions of particulate matter from the no bake sand silo and silica sand silo loading processes. For this purpose, emissions from this process shall not exceed nominal emission rates of 0.1 lb/hour and 0.44 tons/year.
- k. The emissions of Hazardous Air Pollutants (HAP) as listed in Section 112(b) of the Clean Air Act from the source shall not exceed 0.9 tons/month and 9.0 tons/year of any single HAP and 2.25 tons/month and 22.5 tons/year of any combination of such HAPs. As a result of this condition, this permit is issued based on the emissions of any HAP from this source not triggering the requirements to obtain a CAAPP Permit from the Illinois EPA and the NESHAP for Surface Coating of Miscellaneous Metal Parts and Products, 40 CFR 63 Subpart M.
- l. Compliance with the annual limits of this permit shall be determined on a monthly basis from the sum of the data for the current month plus the preceding 11 months (running 12 month total).
- 11a. Pursuant to 35 Ill. Adm. Code 201.282, every emission source or air pollution control equipment shall be subject to the following testing requirements for the purpose of determining the nature and quantities of specified air contaminant emissions and for the purpose of determining ground level and ambient air concentrations of such air contaminants.
 - i. Testing by Owner or Operator. The Illinois EPA may require the owner or operator of the emission source or air pollution control equipment to conduct such tests in accordance with procedures adopted by the Illinois EPA, at such reasonable times as may be specified by the Illinois EPA and at the expense of the owner or operator of the emission source or air pollution control equipment. The Illinois EPA may adopt procedures detailing methods of testing and formats for reporting results of testing. Such procedures and revisions thereto, shall not become effective until filed with the Secretary of State, as required by the APA Act. All such tests shall be made by or under the direction of a person qualified by training and/or experience in the field of air pollution testing. The Illinois EPA shall have the right to observe all aspects of such tests.
 - ii. Testing by the Illinois EPA. The Illinois EPA shall have the right to conduct such tests at any time at its own expense. Upon request of the Illinois EPA, the owner or operator of the emission source or air pollution control equipment shall provide, without charge to the Illinois EPA, necessary holes in stacks or ducts and other safe and proper testing facilities, including scaffolding, but excluding instruments and sensing devices, as may be necessary.

- b. Testing required by Conditions 12 and 13 shall be performed upon a written request from the Illinois EPA by a qualified independent testing service.
- 12. Pursuant to 35 Ill. Adm. Code 212.110(c), upon a written notification by the Illinois EPA, the owner or operator of a particulate matter emission unit subject to 35 Ill. Adm. Code Part 212 shall conduct the applicable testing for particulate matter emissions, opacity, or visible emissions at such person's own expense, to demonstrate compliance. Such test results shall be submitted to the Illinois EPA within thirty (30) days after conducting the test unless an alternative time for submittal is agreed to by the Illinois EPA.
- 13. Pursuant to 35 Ill. Adm. Code 218.211(a), the VOM content of each coating and the efficiency of each capture system and control device shall be determined by the applicable test methods and procedures specified in 35 Ill. Adm. Code 218.105 to establish the records required under 35 Ill. Adm. Code 218.211.
- 14. Pursuant to 40 CFR 63.10(b)(3), if an owner or operator determines that his or her stationary source that emits (or has the potential to emit, without considering controls) one or more hazardous air pollutants regulated by any standard established pursuant to section 112(d) or (f) of the Clean Air Act, and that stationary source is in the source category regulated by the relevant standard, but that source is not subject to the relevant standard (or other requirement established under 40 CFR Part 63) because of limitations on the source's potential to emit or an exclusion, the owner or operator must keep a record of the applicability determination on site at the source for a period of 5 years after the determination, or until the source changes its operations to become an affected source, whichever comes first. The record of the applicability determination must be signed by the person making the determination and include an analysis (or other information) that demonstrates why the owner or operator believes the source is unaffected (e.g., because the source is an area source). The analysis (or other information) must be sufficiently detailed to allow the USEPA and/or Illinois EPA to make a finding about the source's applicability status with regard to the relevant standard or other requirement. If relevant, the analysis must be performed in accordance with requirements established in relevant subparts of 40 CFR Part 63 for this purpose for particular categories of stationary sources. If relevant, the analysis should be performed in accordance with USEPA guidance materials published to assist sources in making applicability determinations under Section 112 of the Clean Air Act, if any. The requirements to determine applicability of a standard under 40 CFR 63.1(b)(3) and to record the results of that determination under 40 CFR 63.10(b)(3) shall not by themselves create an obligation for the owner or operator to obtain a Title V permit.
- 15. Pursuant to 35 Ill. Adm. Code 212.110(e), the owner or operator of an emission unit subject to 35 Ill. Adm. Code Part 212 shall retain records of all tests which are performed. These records shall be

retained for at least three (3) years after the date a test is performed.

- 16a. Pursuant to 35 Ill. Adm. Code 218.129(f), the owner or operator of each storage vessel specified in 35 Ill. Adm. Code 218.119 shall maintain readily accessible records of the dimension of the storage vessel and an analysis of the capacity of the storage vessel. Each storage vessel with a design capacity less than 40,000 gallons is subject to no provisions of 35 Ill. Adm. Code Part 218 other than those required by maintaining readily accessible records of the dimensions of the storage vessel and analysis of the capacity of the storage vessel.
- b. Pursuant to 35 Ill. Adm. Code 218.211(c)(2), any owner or operator of a coating line subject to the limitations of 35 Ill. Adm. Code 218.204 other than 35 Ill. Adm. Code 218.204(a)(2) or (a)(3) and complying by means of 35 Ill. Adm. Code 218.204 shall collect and record all of the following information each day for each coating line and maintain the information at the source for a period of three years:
 - i. The name and identification number of each coating as applied on each coating line;
 - ii. The weight of VOM per volume and the volume of each coating (minus water and any compounds which are specifically exempted from the definition of VOM) as applied each day on each coating line.
- 17a. The Permittee shall maintain records of the following items so as to demonstrate compliance with the Conditions of this permit:
 - i. Records addressing use of good operating practices for the cartridge collector and the dust collectors:
 - A. Records for periodic inspection of the cartridge collector and the dust collectors with date, individual performing the inspection, and nature of inspection; and
 - B. Records for prompt repair of defects, with identification and description of defect, effect on emissions, date identified, date repaired, and nature of repair.
 - ii. Usage of each coating and other materials containing VOM and HAP (i.e., thinner and solvent), (gallons/month and gallons/year);
 - iii. The VOM and HAP content of each coating and other materials containing VOM and HAP (% by weight);
 - iv. The density of each coating and other materials containing VOM and HAP (lbs/gallon);
 - v. Throughput of asphalt compounding process (tons/month and tons/year);
 - vi. Natural Gas Usage (ft³/month and ft³/year);

- vii. Vapor pressure at 250°F of all VOM containing raw material used in asphalt compounding process (mmHg); and
 - viii. Monthly and annual emissions of CO, NO_x, PM, SO₂, VOM, each individual HAP and total HAPs from the source, with supporting calculations (tons/month and tons/year).
- b. All records and logs required by this permit shall be retained at a readily accessible location at the source for at least five (5) years from the date of entry and shall be made available for inspection and copying by the Illinois EPA or USEPA upon request. Any records retained in an electronic format (e.g., computer storage device) shall be capable of being retrieved and printed on paper during normal source office hours so as to be able to respond to an Illinois EPA or USEPA request for records during the course of a source inspection.
- 18a. Pursuant to 35 Ill. Adm. Code 212.110(d), a person planning to conduct testing for particulate matter emissions to demonstrate compliance shall give written notice to the Illinois EPA of that intent. Such notification shall be given at least thirty (30) days prior to the initiation of the test unless a shorter period is agreed to by the Illinois EPA. Such notification shall state the specific test methods from 35 Ill. Adm. Code 212.110 that will be used.
- b. Pursuant to 35 Ill. Adm. Code 218.211(c)(3), any owner or operator of a coating line subject to the limitations of 35 Ill. Adm. Code 218.204 and complying by means of 35 Ill. Adm. Code 218.204 shall notify the Illinois EPA in the following instances:
- i. Any record showing violation of 35 Ill. Adm. Code 218.204 shall be reported by sending a copy of such record to the Illinois EPA within 30 days following the occurrence of the violation.
 - ii. At least 30 calendar days before changing the method of compliance from 35 Ill. Adm. Code 218.204 to 35 Ill. Adm. Code 218.205 or 35 Ill. Adm. Code 218.207, the owner or operator shall comply with all requirements of 35 Ill. Adm. Code 218.211(d)(1) or (e)(1), respectively. Upon changing the method of compliance from 35 Ill. Adm. Code 218.204 to 35 Ill. Adm. Code 218.205 or 35 Ill. Adm. Code 218.207, the owner or operator shall comply with all requirements of 35 Ill. Adm. Code 218.211(d) or (e), respectively.
- 19a. If there is an exceedance of or a deviation from the requirements of this permit as determined by the records required by this permit, the Permittee shall submit a report to the Illinois EPA's Compliance Section in Springfield, Illinois within 30 days after the exceedance or deviation. The report shall include the emissions released in accordance with the recordkeeping requirements, a copy of the relevant records, and a description of the exceedances or deviation and efforts to reduce emissions and future occurrences.
- b. Two (2) copies of required reports and notifications shall be sent to:

Illinois Environmental Protection Agency
Division of Air Pollution Control
Compliance and Enforcement Section (#40)
P.O. Box 19276
Springfield, Illinois 62794-9276

and one (1) copy shall be sent to the Illinois EPA's regional office at the following address unless otherwise indicated:

Illinois Environmental Protection Agency
Division of Air Pollution Control
9511 West Harrison
Des Plaines, Illinois 60016

It should be noted that the wood saws, grinding operation, and shot blasting operation are exempt from a permit pursuant to 35 Ill. Adm. Code 201.146(aa).

If you have any questions on this permit, please contact David Hulskotter at 217/782-2113.

Edwin C. Bakowski, P.E.
Manager, Permit Section
Division of Air Pollution Control

Date Signed: _____

ECB:DWH:jws

cc: Illinois EPA, FOS Region 1
Lotus Notes

Attachment A - Emissions Summary

This attachment provides a summary of the maximum emissions from the electric component manufacturing plant operating in compliance with the requirements of this federally enforceable permit. In preparing this summary, the Illinois EPA used the annual operating scenario which results in maximum emissions from such a plant. The resulting maximum emissions are below the levels, (e.g., 100 tons per year of VOM, 10 tons per year for a single HAP, and 25 tons per year for any combination of such HAPs) at which this source would be considered a major source for purposes of the Clean Air Act Permit Program. Actual emissions from this source will be less than predicted in this summary to the extent that less material is handled, and control measures are more effective than required in this permit.

| <u>Emission Unit</u> | E M I S S I O N S (Tons/Year) | | | | | <u>Single HAP</u> | <u>Total HAPs</u> |
|---|-------------------------------|-----------------------|--------------|-----------------------|--------------|-----------------------|-----------------------|
| | <u>CO</u> | <u>NO_x</u> | <u>PM</u> | <u>SO₂</u> | <u>VOM</u> | | |
| Coating Operation | | | | | 7.35 | | |
| Boilers | 8.4 | 10.0 | 0.76 | 0.06 | 0.55 | | |
| Asphalt Compounding | | | | | 0.44 | | |
| Tin Spray Operation | | | 0.44 | | 0.90 | | |
| Sand Mold Process | | | 1.2 | | 8.00 | | |
| Epoxy Molding Operations | | | | | 5.00 | | |
| Metal Melting | | | 5.0 | | | | |
| Welding Operations | | | 0.44 | | 0.44 | | |
| Brazing Stations | | | 0.44 | | 0.44 | | |
| Solder Pots | | | 0.44 | | 0.44 | | |
| Acid Tanks | | | 0.44 | | | | |
| Joslyn/MacClean Process | | | | | 0.44 | | |
| No Bake Sand Silo and Silica Sand Silo | | | | | | | |
| Loading Processes | | | 0.44 | | | | |
| 2 Crucible Furnaces | | | 0.44 | | | | |
| Totals | <u>8.4</u> | <u>10.0</u> | <u>10.04</u> | <u>0.06</u> | <u>24.00</u> | <u>9.0</u> | <u>22.5</u> |

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