217/782-2113 CERTIFIED MAIL

CONSTRUCTION PERMIT GRANT – OPERATING PERMIT DENIAL

PERMITTEE

General Cable Company
Attn: Steve Decker, EHS Manager
1453 S. Washington Street
DuQuoin, Illinois 62832

Application No.: 08020060 I.D. No.: 145010AAT
Applicant's Designation: Date Received: February 25, 2008
Subject: Process Modification for production increase
Date Issued:
Location: 1453 S. Washington Street, DuQuoin, Perry County

This permit is hereby granted to the above-designated Permittee to CONSTRUCT emission unit(s) and/or air pollution control equipment consisting of an increase in production on the Continuous Extrusion and Insulating Unit (CV 1) and addition of three wires to Tinning Line #7 (Line #7) pursuant to the above-referenced application. This permit is subject to standard conditions attached hereto and the following special condition(s):

1a. The above listed modifications may be operated for a period of eighteen months under this construction permit from the date of issuance noted above.

b. Prior to issuance, a draft of this permit has undergone a public notice and comment period.

2. This permit is issued based on the Potential to Emit (PTE) for Hazardous Air Pollutants (HAPs) as listed in Section 112(b) of the Clean Air Act being less than 10 tons/year of any single HAP and 25 tons/year of any combination of such HAPs or such less quantity as USEPA may establish by rule which would require the Permittee to obtain a Clean Air Act Permit Program Permit (CAAPP) from the Illinois EPA.

3a. Pursuant to 35 Ill. Adm. Code Section 212.123, no person shall cause or allow the emission of smoke or other particulate matter, with an opacity greater than 30 percent, into the atmosphere except as provided in 35 Ill. Adm. Code 212.123(b).

b. Pursuant to 35 Ill. Adm. Code 212.321, 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).

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 (that is, looking at the sky directly overhead) from a point beyond the property line of the emission source, except as provided in 35 Ill. Adm. Code 212.314.

4. Pursuant to 35 Ill. Adm. Code 215.301, no person shall cause or allow the discharge of more than 8 lbs/hour of organic material into the atmosphere from any emission source, except as provided by the following exception: If no odor nuisance exists this limitation shall apply only to photochemically reactive material.

5. Emissions and operation of the four continuous extrusion and insulating units shall not exceed the following limits:

	Polymer Use			Emission Factor	Emissions	
Process	(Ton/Mo)	(Ton/Yr)	Pollutant	(Lb/Ton)	(Ton/Mo)	(Ton/Yr)
CV Extrusion (Total of four lines)	850	8,500	PM	0.05	0.02	0.20
			VOM	5.72	2.43	24.32
			Acetophenone (HAP included in the VOM total)	2.29	0.97	9.73

These limits are based on information provided in the permit application. Compliance with annual limits shall be determined from a running total of 12 months of data.

6. Emissions and operation of the 3 tinning lines shall not exceed the following limits:

	Process Weight Rate		Emissions	
Process	(Lb/Hr)	Pollutant	(Lb/Hour)	(Tons/Year)
Tinning &Fluxing (Total)	650	PM	0.86	2.73

These limits are based on material usage, 8,760 hours of operation, and the information provided in the permit application. Compliance with annual limits shall be determined from a running total of 12 months of data.

7. In the event that the operation of these emission units 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.

8. The Permittee shall notify the Illinois EPA in writing prior to any change in the type of material used in these processes.

9a. Within 180 days of the date of issuance of this permit, the VOM and HAP emissions of the above source shall be measured during conditions which are representative of maximum emissions. These tests shall determine the emissions in pounds of VOM and HAP (individual and combined) per hour.

b. The following methods and procedures shall be used for testing of emissions, unless another method is approved by the Illinois EPA: Refer to 40 CFR 60, Appendix A, and 40 CFR 61, Appendix B, for USEPA test methods.

Location of Sample Points	USEPA Method 1
Gas Flow and Velocity	USEPA Method 2
Flue Gas Weight	USEPA Method 3
Moisture	USEPA Method 4
VOM/HAP	USEPA Method 18 or another approved methodology that would provide actual VOM/HAP emissions.

c. The Illinois EPA shall be notified in writing prior to these tests to enable the Illinois EPA to observe these tests. Notification of the expected date of testing shall be submitted a minimum of thirty (30) days prior to the expected date. Notification of the actual date and expected time of testing shall be submitted a minimum of five (5) working days prior to the actual date of the test. The Illinois EPA may at its discretion accept notifications with shorter advance notice provided that the Illinois EPA will not accept such notifications if it interferes with the Illinois EPA's ability to observe testing.

d. At least 45 days prior to the actual date of testing, a written test plan shall be submitted to the Compliance Section of the Division of Air Pollution Control for review. This plan shall describe the specific procedures for testing, including as a minimum:

i. The company/entity who will be performing sampling and analysis and their experience with similar tests.

ii. A detailed description and listing of the equipment/emission units and pollution control equipment to be tested and the specific conditions under which testing will be performed (type and amount/weight of waste, etc.), including a discussion of why these conditions will be representative of maximum operating practices and the means by which the operating parameters for the emission unit and any control equipment will be determined.

iii. The specific determination of emissions and operation which are intended to be made, including sampling and monitoring locations.

iv. The test method(s) which will be used, with the specific analysis

method, if the method can be used with different analysis methods. The specific sampling, analytical and quality control procedures which will be used, with an identification of the standard methods upon which they are based.

v. Any minor changes in standard methodology proposed to accommodate the specific circumstances of testing, with justification.

vi. Any proposed use of an alternative test method, with detailed justification.

vii. The format and content of the Source Test Report.

viii. The date and time testing will begin.

e. Copies of the Final Source Test Report(s) for these tests shall be submitted to the Illinois EPA within 60 days after the date of the final day of testing. The Final Report shall include as a minimum:

i. A descriptive and table summary of results.

ii. General information including but not limited to the name, location and identification of the emission source(s) tested, date(s) of testing, names of personnel and entities performing the tests, and Illinois EPA observers, if any.

iii. Description of test procedures and method(s), including description and map of emission sources and sampling points, sampling train, testing and analysis equipment, and test schedule.

iv. Detailed description of test conditions, including:

A. List and description of the equipment (including serial numbers or other equipment specific identifiers) tested and process information, i.e., mode(s) of operation, process rate/throughput, e.g. type and amount of fuel and waste(s) consumed;

B. Control equipment information, i.e., equipment condition and operating parameters during testing; and

C. A discussion of any preparatory actions taken, i.e., inspections, calibration, maintenance and repair.

v. Data and calculations, including copies of all raw data sheets and records of laboratory analyses, sample calculations, and data on equipment calibration. Identification of the applicable regulatory standards/permit conditions that the testing was performed to demonstrate compliance with, a comparison of the test results to the applicable regulatory standards/permit conditions, and a statement whether the test(s) demonstrated compliance with the applicable standards/permit conditions.

vi. An explanation of any discrepancies among individual tests,

failed tests or anomalous data.

vii. The results and discussion of all quality control evaluation data, including a copy of all quality control data.

viii. The applicable operating parameters of the pollution control device(s) during testing (temperature, time of operation, etc.).

10. The Permittee shall maintain the following monthly records:

a. Type and quantity of each polymer material used (tons/month and tons/year);

b. Quantity of wire tinned and flux used (tons/month and tons/year); and

c. PM, VOM, and HAP emissions with supporting calculations (tons/month and tons/year).

11. All records and logs required by this permit shall be retained at a readily accessible location at the source for at least three years from the date of entry and shall be made available for inspection and copying by the Illinois EPA upon request. Any records retained in an electronic format (e.g., computer) 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 request for records during the course of a source inspection.

12. If there is an exceedance of or 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/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 exceedance/deviation and efforts to reduce emissions and future occurrences.

13. Two (2) copies of required reports and notifications shall be sent to:

Illinois Environmental Protection Agency
Division of Air Pollution Control
Compliance 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
2009 Mall Street
Collinsville, Illinois 62234

Pursuant to 35 Ill. Adm. Code 201.160, an operating permit may not be issued until the equipment has been constructed and tested in accordance with applicable conditions in this construction permit. Therefore, your request for a revised operating permit is hereby DENIED. The denial of this application has no affect on previously issued operating permits. The Illinois EPA suggests that you reapply for the revised operating permit after the construction and testing are successfully completed in accordance with the conditions in this construction permit. This information must be submitted in duplicate and should reference the application and I.D. numbers assigned above.

Satisfactory completion of the above tests so as to demonstrate compliance with applicable emission limits is a prerequisite to issuance of a revised operating permit, pursuant to 35 Ill. Adm. Code 201.160.

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

Edwin C. Bakowski, P.E. Date Signed: _____
Acting Manager, Permit Section
Division of Air Pollution Control

ECB:BDB:

cc: Region 3
Ray Pilapil, CES