ENVIRONMENTAL PROTECTION COMMISSION OF

HILLSBOROUGH COUNTY, as Delegated by

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

NOTICE OF PERMIT ISSUANCE

CERTIFIED MAIL

Mr. John Tevlin, Jr.
Newspaper Printing Company , Inc.
5210 South Lois Avenue
Tampa, FL 33611
_____/

File No.: 0570437-016-AO
County: Hillsborough

Enclosed is Permit Number 0570437-016-AO for the operation of four (4) lithographic printing press lines, issued pursuant to Section 403.087, Florida Statutes. Please read this new permit thoroughly as there may be changes from the previous permit.

The EPC will issue the final permit with the attached conditions unless a timely petition for an administrative hearing is filed pursuant to Section 120.569 and 120.57 F.S. before the deadline for filing a petition. The procedures for petitioning for a hearing are set forth below.

A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed (received) in the Legal Department of the EPC at 3629 Queen Palm Dr, Tampa, Florida 33619, Phone 813-627-2600, Fax 813-627-2602. Petitions filed by the permit applicant or any of the parties listed below must be filed within 14 (fourteen) days of receipt of this notice of intent. Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), F.S. must be filed within 14 (fourteen) days of receipt of this permit. Under Section 120.60(3), however, any person who asked the EPC for notice of agency action may file a petition within 14 (fourteen) days of receipt of that notice, regardless of the date of publication.

A petitioner shall mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205 of the F.A.C.

A petition that disputes the material facts on which the EPC's action is based must contain the following information:

(a) The name and address of each agency affected and each agency's file or identification number if known;

(b) The name, address, and telephone number of the petitioner and the name, address, and telephone number of each petitioner's representative, if any, which shall be the address for service purposes during the course of the proceedings; and an explanation of how the petitioner's substantial interests will be affected by the EPC's determination;

(c) A statement of how and when the petitioner received notice of the EPC action;

(d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;

(e) A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the EPC's proposed action;

(f) A statement of specific rules or statutes the petitioner contends requires reversal or modification of the EPC's proposed action, including an explanation of how the alleged facts relate to the specific rules or statutes; and

(g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the EPC to take with respect to the EPC's proposed action.

A petition that does not dispute the material facts upon which the EPC's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above as required by Rule 28-106.301.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the EPC's final action may be different from the position taken by it in this notice. Persons whose substantial interests will be affected by any such final decision of the EPC on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Mediation under section 120.573, F.S. is not available in this proceeding.

This action is final and effective on the date filed with the Clerk of the EPC unless a petition is filed in accordance with above. Upon the timely filing of a petition, this order will not be effective until further order of the EPC.

Any person listed below may request to obtain additional information, a copy of the application (except for information entitled to confidential treatment pursuant to Section 403.111, F.S.), all relevant supporting materials, and all other materials available to the EPC that are relevant to the permit decision. Interested persons may contact Diana M. Lee, P.E., at the above address or call (813) 627-2600, for additional information.

Any party to this order has the right to seek judicial review of it under Section 120.68 of the Florida Statues, by filing a notice of appeal under rule 9.110 of the Florida rules of Appellate Procedure with the EPC's Legal Office at 3629 Queen Palm Dr, Tampa, Florida 33619 and with the clerk of the Department of Environmental Protection in the Office of General Counsel, Mail Station 35, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000, and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice must be filed within thirty days after this order is filed with the clerk of the Department.

Executed in Tampa, Florida

ENVIRONMENTALPROTECTION COMMISSION
OF HILLSBOROUGH COUNTY

_____

Richard D. Garrity, Ph.D.
Executive Director

CERTIFICATE OF SERVICE

This is to certify that this NOTICE OF PERMIT ISSUANCE and all copies were mailed before the close of business on _____ to the listed persons.

FILING AND ACKNOWLEDGEMENT FILED, on this date, pursuant to Section 120.52(7), Florida Statutes, with the clerk, receipt of which is hereby acknowledged.

_____ _____

Clerk Date

PERMITTEE:
Newspaper Printing Company
5210 South Lois Avenue
Tampa, FL 33611

PERMIT/CERTIFICATION
Permit No.: 0570437-016-AO
County: Hillsborough
Expiration Date: April 5, 2018
Project: Lithographic Printing Facility

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rules 62-204, 62-210, 62-212, 62-296, 62-297, and 62-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents, attached hereto or on file with the EPC and made a part hereof and specifically described as follows:

Newspaper Printing Company is a lithographic printing facility. This permit authorizes the operation of an off-set lithographic printing operation on a continuous web substrate. This facility operates four (4) continuous feed, lithographic printing press lines, identified in the following table, as Press lines B through E (Press line A no longer exists, previously authorized under Permit No. 0570473-015-AO). Volatile organic compound (VOC) emissions and hazardous air pollutants (HAPs) generated from the four drying ovens are controlled by two TEC catalytic oxidizers. VOC emissions from the plate manufacturing operation vent inside the building. Emissions from the coldset printing are not required to be ducted through the drying ovens, although they are typically processed in the same manner as the heatset printing.

Equipment Information

Press ID	Type	Drying Oven	Oxidizer
B	4 Unit Heidelburg (heatset)	ContiWeb Ecoweb 7.0-1020	TEC Quantum 5000 (Oxidizer G)
C	4 Unit Goss (heatset)	ContiWeb Ecoweb 7.0-1020	TEC Quantum 5000 (Oxidizer G)
D	4 Unit Heidelburg (heatset)	ContiWeb Ecoweb 7.0-1020	TEC HXC-4000 (Oxidizer H)
E	16 Unit Heidelburg (heatset or coldset)	TEC, C-135	TEC HXC-4000 (Oxidizer H)

The TEC Quantum 5000 oxidizer (Oxidizer G) has a design gas flow rate of 5,000 scfm, a destruction efficiency of at least 90 percent, and a 2.16 MMBtu/hr heat requirement. This oxidizer controls the dryer exhaust from Press lines B and C. The combined gas flow from these dryers is 4,386 scfm. The TEC HXC-4000 catalytic oxidizer (Oxidizer H) has a design gas flow rate of 4,000 scfm, a destruction efficiency of at least 90 percent, and a 1.76 MMBtu/hr heat requirement. This oxidizer controls the dryer exhaust from Press lines D and E. The combined design gas flow rate from these dryers is 2,693 scfm. The oxidizer exhausts vent outside the building.

Heat for the four (4) drying ovens and the two (2) oxidizers is supplied by the firing of natural gas. The total maximum heat input of these units is 13.6 MMBtu/hr (9.7 MMBtu/hr from the drying ovens and 3.9 MMBtu/hr from the oxidizers). Emissions from the combustion of natural gas were considered insignificant in determining emission totals for the facility.

The facility also has a paper scrap collection system of waste trimmings and scrap paper, which are bailed and sent off-site. The PM emissions generated from the scrap collection system are controlled by a new filter system, installed approximately 2 years ago, that consists of sixteen (16) filter bags that vent inside the building. The scrap collection system consists of two (2) baler systems that collect trimmings and paper waste from the building. Each bale system uses a 20 HP fan motor with a 24" blower fan, with a maximum flow volume of 13,000 acfm each. The collected scrap is directed through separators where the larger material is dropped into a baler and the blower air and remaining paper dust is directed into the filter bags. A total of eight (8) filter bags are used for each baler systems. Based on the low level of emissions from this activity, the scrap collection system is exempt from permitting pursuant to Rule 62-210.300(3)(b)1., F.A.C.

Location: 5210 S. Lois Avenue, Tampa, FL 33611

UTM: 17-350.0 E and 3085.5 N NEDS NO: 0437

EU ID: 001 - Coldset Presses and Plate Manufacturing
002 - Heatset Presses with Oxidizers

References Permit Nos.: 0570437-013/015-AC/AO

SPECIFIC CONDITIONS:

1. A part of this permit is the attached General Conditions. [Rule 62-4.160, F.A.C.]

2. All applicable rules of the Environmental Protection Commission of Hillsborough County including design discharge limitations specified in the application shall be adhered to. The permit holder may also need to comply with county, municipal, federal, or other state regulations prior to construction. [Rule 62-4.070(7), F.A.C.]

3. Issuance of this permit does not relieve the permittee from complying with applicable emission limiting standards or other requirements of Chapters 62-204, 62-210, 62-212, 62-296 and 62-297, F.A.C., or any other requirements under federal, state, or local law. [Rule 62-210.300, F.A.C.]

4. The permittee shall not cause, suffer, allow or permit the discharge of air pollutants which cause or contribute to an objectionable odor. [Rule 62-296.320(2), F.A.C.]

5. The use of property, facilities, equipment, processes, products, or compounds, or the commission of paint overspraying or any other act, that causes or materially contributes to a public nuisance is prohibited, pursuant to the Hillsborough County Environmental Protection Act, Section 16, Chapter 84-446, Laws of Florida, as Amended.

6. The permittee shall not store, handle, process, or use in any process the volatile organic compounds or organic solvents without applying known and existing vapor emission control devices or systems as follows and as deemed necessary and ordered by the Environmental Protection Commission of Hillsborough County: [Rules 62-296.320, F.A.C., and 62-4.070(3), F.A.C.]
   A) Maintain tightly fitting cover, lids, etc. on all containers when they are not being handled, tapped, etc.
   B) Where possible and practical, procure/fabricate a tightly fitting cover for any open trough, basin, etc. of VOC so that it can be covered when not in use.
   C) Immediately attend to all spills/waste as appropriate.

7. [Reserved]

8. In order to remain the facility as a synthetic minor source of VOC and HAPs, the following restrictions and terms shall apply: [Rule 62-4.070(3), F.A.C., and Permit No. 0570437-013-AC.]

   A) Maximum material usages in any 12 consecutive month period:
      1. Heatset inks: 1,227,717 pounds
      2. Coldset inks: 645,000 pounds
      3. Blanket/Roller wash: 7,500 gallons
      4. Fountain solution: 45,000 gallons
      5. Plate developer/Film cleaner: 3,500 gallons
   B) Operating limits and parameters:
      1. Hours of operation: 8760 hours per year.
      2. Minimum destruction efficiency for each oxidizer: 90 percent by weight

SPECIFIC CONDITIONS:

3. The VOC capture efficiency of each drying oven (drying oven to catalytic oxidizer) shall be 100 percent by weight
4. For calculation purposes, the product VOC retention of heatset inks shall be 20 percent by weight
5. For calculation purposes, the product VOC retention of coldset inks shall be 95 percent by weight
6. For calculation purposes, the blanket wash capture efficiency shall be 40 percent by weight
7. The heatset presses shall be operated only when the catalyst bed temperature of the oxidizer is greater than 650 °F. The catalyst bed temperature shall not exceed 1050 °F.
8. When Press line E is in the heatset operating mode, the damper on the dryer exhaust duct(s) shall be in the position that directs the dryer exhaust gas to the corresponding oxidizer.

9. In order to ensure compliance with Specific Condition No. 8, the permittee shall maintain a continuous temperature measuring device to monitor and record the catalyst bed temperature for each oxidizer. [Rule 62-4.070(3), F.A.C.]

10. Test each thermal oxidizer for destruction efficiency between 180 and 120 days prior to the expiration date of this operating permit, once every five years. Submit two copies of the test data to the Air Management Division of the Environmental Protection Commission of Hillsborough County within 45 days of testing. Testing of emissions shall be consistent with Specific Condition No. 11. [Rules 62-4.070(3) and 62-297.310, F.A.C.]

11. Testing of emissions should be conducted with the source operating at capacity. Capacity is defined as 90-100% of rated capacity of the oxidizers and all corresponding heatset presses and dryers in operation. Oxidizers G and H have a maximum loading rate of 140 lb-VOC/hr and 59.1 lb-VOC/hr, respectively. If it is impracticable to test at capacity, then the source may be tested at less than capacity; in this case, subsequent source operation is limited to 110% of the test load until a new test is conducted. Once the unit is so limited, then operation at higher capacities is allowed for no more than fifteen days for purposes of additional compliance testing to regain the rated capacity, with prior notification to the EPC. In addition, the facility shall be limited to operate only as many presses simultaneously as were in operation during the test. The limit on the number of presses permitted to operate at the same time for each oxidizer following the test can be met, but not exceeded, by any combination of presses feeding that oxidizer. Failure to submit the input rates and actual operating conditions may invalidate the test. The test report shall also include the exhaust gas temperature and inlet/outlet temperatures across the catalyst bed. Testing procedures shall be consistent with the requirements of Rule 62-297, F.A.C. [Rules 62-4.070(3) and 62-297.310(2), F.A.C.]

12. Compliance with the emission limitations and the destruction efficiency requirement of Specific Condition Nos. 7, 8 and 10 shall be determined using EPA Methods 1, 2, 4, 24, 25, or 25A contained in 40 CFR 60, Appendix A and adopted by reference in Rule 62-297, F.A.C. EPA Methods 1, 2, and 4 in

SPECIFIC CONDITIONS:

conjunction with EPA Method 25 or 25A shall be performed on the control device inlet and outlet. Ink manufacturers' "As Supplied" VOC data sheet or test information (based upon EPA Method 24) shall be used to determine VOC content of heatset inks. Conduct a material balance of the raw materials to calculate the pounds of hydrocarbons available at the inlet of the oxidizer. The sampling time for each of the three EPA Method 25A runs shall be at least 60 minutes. An EPA VOC data sheet (properties of the coating "As Supplied" by the manufacturer), designated Appendix A shall be submitted for each ink used. The minimum requirements for stack sampling facilities, source sampling and reporting, shall be in accordance with Rule 62-297, F.A.C. [Rule 62-4.070(3), F.A.C.]

13. The permittee shall notify the Air Compliance Section of the Environmental Protection Commission of Hillsborough County at least 15 days prior to the date on which each formal compliance test is to begin of the date, time, and place of each such test, and the contact person who will be responsible for coordinating and having such test conducted. [Rule 62-297.310(7)(a)9., F.A.C.]

14. Visible emissions from the facility, including the exhaust from the oxidizers controlling the heatset presses, shall not be equal to or greater than 20% opacity. [Rule 62-296.320, F.A.C.]

15. Compliance with the emission limitation/restrictions of Specific Condition No. 8 shall be demonstrated through the use of a monthly recordkeeping system. The records shall be made available to the Environmental Protection Commission of Hillsborough County, the Florida Department of Environmental Protection or federal air pollution agency upon request and remain on file for at least three (3) years. The records shall include, but are not limited to, the following:

[Rule 62-4.070(3), F.A.C. and 62-4.160(14)(b), F.A.C.]

A) Month, year
B) The usage of each material listed in Specific Condition No. 8.A in the units specified.
C) The amount of VOC (in pounds) and the amount of any HAP (in pounds) emitted from the coldset operation, the heatset operation, the plate manufacturing, and the clean-up operation.
D) A rolling total of material usage and emissions, as specified above in Specific Condition Nos. 15.B) and 15.C) for the most recent twelve months, calculated monthly.
E) VOC content "as supplied" for each ink used.
F) VOC content of clean-up solvent used.
G) The specific gravity or density of all VOC containing materials.
H) Operating log indicating the time periods (hours) that Press lines B, C, D and E are operated in the “heatset” mode.
I) Daily temperature log for both oxidizers during heatset operations.
J) Inspection and maintenance log for the oxidizers and associated ductwork including the dryers. Note the minimum inspection frequency is every two weeks as specified in Specific Condition No. 17.

16. If materials are not speciated in the recordkeeping system, the highest material VOC concentration in the corresponding material group, specified in Specific Condition No. 8, shall be used in determining individual and total VOC emissions. In all calculations, an average VOC content of a material shall <u>not</u>

SPECIFIC CONDITIONS:

be used in place of the highest possible VOC content of that material. Individual and total HAP emissions shall be calculated in the same manner. [Rule 62-4.070(3), F.A.C.]

17. The pollution control equipment (oxidizer and associated ductwork including the dryers) shall be maintained in good repair to perform adequately the function for which they were intended. Maintenance shall include, but is not limited to, bi-weekly inspections and replacement or repair of faulty equipment when necessary or as required by the manufacturer. All presses shall maintain an interlock system with automated dampers to ensure that all emissions generated during the heatset operations are properly vented to the oxidizers. The damper on each press shall be visually inspected at least quarterly for proper operation and control of emissions, and any corresponding repairs immediately performed as needed. All inspections and any maintenance/repairs performed should be recorded. Records shall be maintained for the most recent 12 month period and made available for inspection upon request. [Rule 62-4.070(3), F.A.C.]

18. When the Environmental Protection Commission of Hillsborough County (EPC) after investigation, has good reason (such as complaints, increased visible emissions or questionable maintenance of control equipment) to believe that any applicable emission standard contained in Rules 62-204, 62-210, 62-212, 62-296, or 62-297, F.A.C., or in a permit issued pursuant to those rules is being violated, it may require the owner or operator of the source to conduct compliance tests which identify the nature and quantity of pollutant emissions from the source and to provide a report on the results of said tests to the EPC. [Rule 62-297.310(7)(b), F.A.C.]

19. The permittee must submit to the Environmental Protection Commission of Hillsborough County each calendar year, a completed DEP Form 62-210.900(5), "Annual Operating Report (AOR) for Air Pollutant Emitting Facility", for the preceding calendar year. The AOR shall be submitted by April 1 of the following year. [Rule 62-210.370(3), F.A.C.]

20. The permittee shall provide timely notification to the Environmental Protection Commission of Hillsborough County prior to implementing any changes that may result in a modification to this permit pursuant to Rule 62-210.200, F.A.C., Modification. The changes do not include normal maintenance, but may include, and are not limited to, the following, and may also require prior authorization before implementation: [Rules 62-210.300 and 62-4.070(3), F.A.C.]

    A) Alteration or replacement of any equipment* or major component of such equipment.
    B) Installation or addition of any equipment* which is a source of air pollution.
    C) The facility may reconfigure the existing printing press units so that no more than 16 heatset units are controlled by Oxidizer G and no more than 13 heatset units are controlled by Oxidizer H. This does not authorize the replacement of the printing press units, but does authorize the reconfiguration of the existing units to allow more operational flexibility (i.e. more colors may be printed on a single web) while remaining in compliance with Specific Condition No. 8.

*Not applicable to routine maintenance, repair, or replacement of component parts of an air emissions unit.

SPECIFIC CONDITIONS:

21. All reasonable precautions shall be taken to prevent and control generation of unconfined emissions of particulate matter in accordance with the provision in Rule 62-296.320, F.A.C. These provisions are applicable to any source, including, but not limited to, vehicular movement, transportation or materials, construction, alterations, demolition or wrecking, or industrial related activities such as loading, unloading, storing and handling. [Rule 62-296.320(4)(c)1., F.A.C.]

22. If the permittee wishes to transfer this permit to another owner, an "Application for Transfer of Permit" (DEP Form 62-210.900(7)) shall be submitted, in duplicate, to the Environmental Protection Commission of Hillsborough County within 30 days after the sale or legal transfer of the permitted facility. [Rule 62-4.120, F.A.C.]

23. Prior to 60 days before the expiration of this operating permit, the permittee shall apply for a renewal of the permit using the current version of the permit renewal application form and submit the most recent 3 months of records required by this permit. A renewal application shall be timely and sufficient. If the application is submitted prior to sixty days before the expiration of the permit, it will be considered timely and sufficient. If the renewal application is submitted at a later date, it will not be considered timely and sufficient unless it is submitted and made complete prior to the expiration of the operation permit. When the application for renewal is timely and sufficient, the existing permit shall remain in effect until the renewal application has been finally acted upon by the EPC or, if there is court review of the final agency action, until a later date is required by Section 120.60, Florida Statutes.

[Rules 62-4.090, F.A.C. and 62-4.070(3), F.A.C.]

ENVIRONMENTAL PROTECTION COMMISSION
OF HILLSBOROUGH COUNTY

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Richard D. Garrity, Ph.D.
Executive Director