

DELAWARE COASTAL ZONE ACT PERMIT



NUMBER: CZA-441M-1

ISSUED TO: FujiFilm Imaging Colorants, Inc.

TO PERMIT: the production of high-performance aqueous pigment dispersions

SITE LOCATION: 233 Cherry Lane, New Castle, DE 19720

EXISTING PERMIT(S): CZA-288P

Pursuant to 7 *Del C.* §7005, the Department of Natural Resources & Environmental Control has the authority to administer regulations governing Delaware's Coastal Zone. The applicant must comply with all conditions as attached to this permit.

Signature:  Date: 6/30/23
Shawn M. Garvin, Secretary
Department of Natural Resources & Environmental Control



STATE OF DELAWARE
**DEPARTMENT OF NATURAL RESOURCES AND
ENVIRONMENTAL CONTROL**
RICHARDSON & ROBBINS BUILDING
89 KINGS HIGHWAY
DOVER, DELAWARE 19901

OFFICE OF THE
SECRETARY

PHONE
(302) 739-9000

CONDITIONS INCORPORATED AND MADE PART OF THIS PERMIT

FujiFilm Imaging Colorants, Inc.
Permit CZA-441M-1

The following conditions apply to the production of high-performance aqueous pigment dispersions by FujiFilm Imaging Colorants, Inc. (Project Marconi and Project Maxwell) and incorporate conditions previously issued under permit CZA-441P. Failure to comply with these conditions may be grounds for permit suspension or revocation.

1. GENERAL PROVISIONS

- 1.1 This permit is conditional upon the permittee's compliance with all other applicable permit requirements, regulations, and laws of the State of Delaware.
- 1.2 Issuance of this permit does not relieve the permittee of the legal obligation of complying with all building permit, subdivision, and other applicable code requirements of the county and municipality wherein the permitted project is located.
- 1.3 If there are deviations from the plan and operations approved by the Secretary, the permittee shall notify the Secretary as soon as possible. This permit may be revoked and a new permit application required if the Secretary deems the deviation to change the nature or scale of the project and to be of actual or probable harm to the intent of the Coastal Zone Act.
- 1.4 A request for a permit modification to change ownership, control, or any substantive term of a permit shall be submitted in writing. A modification of the ownership or operating entity in a permit shall be granted only if the prospective permittee satisfies all the applicable requirements of the regulations under the *Regulations Governing Delaware's Coastal Zone*.

- 1.5 This permit may not be transferred to another location or to another piece of equipment or process.
- 1.6 This permit is valid for a duration of twenty years from the original date of issuance on July 25, 2021. The permittee shall submit a renewal application no fewer than 180 days prior to the expiration of this permit.

2. ADMINISTRATIVE CONDITIONS

- 2.1 The permittee shall have available at the facility at all times a copy of this permit and shall provide a copy of this permit to the Department upon request.
- 2.2 The permittee shall authorize officials of the Department to:
 - 2.2.1 Enter upon the facility premises where a source is located or an emissions-related activity is conducted, or where records that must be kept under the terms and conditions of this permit are located;
 - 2.2.2 Have access to and copy, at reasonable times, any record(s) that must be kept under the terms and conditions of this permit;
 - 2.2.3 Inspect, at reasonable times, any record(s) that must be kept under the terms and conditions of this permit; and
 - 2.2.4 Sample or monitor, at reasonable times, any substance or parameter for the purposes of assuring compliance with this permit or any applicable requirement.
- 2.3 The permittee shall provide a post-construction notification detailing the dates of completion of project construction as well as completion of offset components, including proof of purchase of emission reduction credits (ERCs), within 15 days of project construction completion.

3. OPERATIONAL LIMITATIONS

- 3.1 At all times, including periods of startup, shutdown, and malfunction, the owner or operator shall, to the extent practicable, maintain and operate the facility in a manner consistent with good pollution control practices for minimizing emissions.
- 3.2 All structural and mechanical components of the equipment covered by this permit shall be maintained in proper operating condition.
- 3.3 Emissions from Project Marconi and Project Maxwell combined shall not exceed the quantities shown in the table below in tons per year (TPY).

Pollutant	New Emissions (TPY)
Nitrogen oxides (NO _x)	2.214

Carbon monoxide (CO)	4.568
Particulate matter (PM)	0.623
Sulfur dioxide (SO ₂)	0.049
Total organic compounds (TOC) including volatile organic compounds (VOC)	0.902
Nitrous oxide (N ₂ O)	0.057
Carbon dioxide (CO ₂)	9,839.518

4. OFFSET REQUIREMENTS

4.1 Offsets must be completed prior to or concurrent with operations commencement and must result in reductions greater than the emissions in condition 3.3 above.

4.1.1 Project Marconi

4.1.1.1 The permittee shall purchase two (2) NO_x ERCs and one (1) VOC ERC from Division of Small Business.

4.1.1.2 The permittee shall eliminate five (5) propane-operated forklifts onsite.

4.1.2 Project Maxwell

4.1.2.1 The permittee shall purchase one (1) NO_x ERC from Division of Small Business.

4.1.2.2 The permittee shall retire two (2) older, smaller boilers with uncontrolled NO_x emissions.

4.1.2.3 The permittee shall replace the remaining three (3) propane-operated forklifts onsite with electric forklifts.

4.1.2.4 The permittee shall install solar panels with generating capacity to power all electric forklifts at the site from Project Marconi and Project Maxwell.

5. RECORDKEEPING AND REPORTING REQUIREMENTS

5.1 The permittee shall retain any and all records relevant to the permit and compliance therewith:

5.1.1 Records of all monitoring and test data shall be maintained, including:

5.1.1.1 The date, place, and time of sampling measurements;

5.1.1.2 The date(s) analyses were performed;

- 5.1.1.3 The name of any third-party that performed the analyses;
- 5.1.1.4 The analytical techniques or methods used;
- 5.1.1.5 The results of such analyses; and
- 5.1.1.6 The operating conditions existing at the time of sampling or measurement.
- 5.1.2 The permittee shall maintain records of the occurrence and duration of any startup, shutdown, or malfunction in the operation of the facility.
- 5.2 The permittee shall notify the Department immediately of any event or condition that affects their ability to comply with the terms of the permit or of any violation of any term or condition of the permit.
 - 5.2.1 The permittee shall notify the Department upon discovery and after activating the appropriate site emergency plan to the Department's 24-hour complaint line (1-800-662-8802), any deviation that poses an imminent and substantial danger to public health, safety, or the environment.
 - 5.2.2 The permittee shall within 30 days of becoming aware of an event or condition that affects their ability to comply with the terms of the permit, supply the Department in writing with the following information:
 - 5.2.2.1 The subject source(s) that caused the event, condition, or violation;
 - 5.2.2.2 The time and date of first observation of the event, condition or violation;
 - 5.2.2.3 The cause and expected duration of the event, condition, or violation;
 - 5.2.2.4 The estimated rate of release and the operating data and calculations used in determining the magnitude of the event, condition, or violation; and
 - 5.2.2.5 The proposed corrective actions and schedule to correct the conditions causing the event, condition, or violation.
- 5.3 Beginning in July 2026 and continuing every five (5) years for the duration of the permit, the permittee shall submit documentation to the CZA program certifying compliance with these permit conditions. The permittee shall submit the compliance documentation within 30 days of the 5-year anniversary of issuance.