



APPLICATION FOR INDUSTRIAL / COMMERCIAL WASTEWATER OPERATOR CERTIFICATION

GENERAL APPLICATION INFORMATION

- Please complete the application as directed and submit prior to the deadline. It is helpful to submit your application as soon as possible.
- On the application, please indicate the preferred location of examination. Applicants will be assigned to the location requested if possible. If you wish to be notified upon our receipt of your application, please include a self-addressed, stamped postcard which we will return to you.
- **Submit total examination fee with application.**
- No refunds will be given.
- The U.S. Postal Service postmark or a postmark from an independent delivery service (U.P.S., Federal Express) will be used to verify that the application has met the deadline for submission. Postmarks by private meter stamps (such as Pitney Bowes) cannot be used as proof of meeting the deadline.
- A certified operator will not be allowed to take an exam for a classification that they currently hold.
- You will be notified of acceptance for the exam by letter to your home address, following the Board of Examiners Meeting.
- Questions please call 517-284-5486 or 517-284-5487.

FEE & PAYMENT INFORMATION

CALCULATION OF EXAMINATION FEE

Number of Level 1 Exams	<input type="text"/>	X \$35.00	= \$ <input type="text"/>
Number of Level 2 Exams	<input type="text"/>	X \$35.00	= \$ <input type="text"/>
Number of Level 3 Exams	<input type="text"/>	X \$40.00	= \$ <input type="text"/>
			+
		Total Fee	= \$ <input type="text"/>

MAIL COMPLETED APPLICATIONS, WITH ORIGINAL SIGNATURES AND FEE PAYMENT TO:

DEQ – Cashier’s Office
DEQ – WRD - WWF
P.O. Box 30657
Lansing, MI 48909-8157

MINIMUM EXPERIENCE AND EDUCATION REQUIREMENTS FOR EACH LEVEL

EXPERIENCE

Required for all levels:

A minimum of **6 months of operational experience** in each unit process (classification of exam) you request to take. This experience must be gained by the application deadline. If you have any questions pertaining to your Facility Classification, contact the MDEQ District Office for your area. District information can be found here:

http://www.michigan.gov/deq/0,1607,7-135-3306_3329-12306--,00.html

EDUCATION

LEVEL 1:

- The ability to read and write.
 - Comprehension of the principles and problems of management of the treatment process and facilities.
 - The ability to perform arithmetic calculations necessary to operate the waste treatment or control facility, and prepare the required report to the Department.
- | | | | |
|------|---------------------------|------|---|
| A-1a | Special (see note below)* | A-1h | Non-Contact Cooling Water (see note below)* |
| A-1b | Plain Clarification | B-1b | Neutralization |
| A-1d | Impoundment | C-1b | Aerated Lagoons |
| A-1f | Land Surface Disposal | C-1c | Stabilization Ponds |
| A-1g | Sub-Surface Disposal | | |

* For A-1a or A-1h certification, use the A-1a or A-1h application provided on the web page.

LEVEL 2:

- The equivalent of a high school education with the equivalent of high school chemistry
 - Comprehension of the principles and problems of management of the treatment process and facilities.
 - The ability to perform arithmetic calculations necessary to carry out the operation of the waste treatment or control facility, and prepare the required report to the Department.
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|------|--------------------------|------|--------------------------------|
| A-2b | Filtration of Wastewater | B-2c | Oil Water Separation |
| A-2c | Air Flotation | B-2d | Ultraviolet Oxidation |
| A-2d | Air Stripping | C-2a | Disinfection |
| A-2e | Centrifuging | C-2b | Trickling Filters |
| A-2g | Deep Well Injection | C-2c | Biological Sand Filter |
| B-2a | Chemical Clarification | C-2d | Rotating Biological Contactors |
| B-2b | Ion Exchange | C-2f | Constructed Wetlands |

LEVEL 3:

- The equivalent of 2 years of college education in engineering, chemistry, biological sciences, or allied field. Graduation from high school and with at least 4 courses in post-high school level chemistry or biological sciences, or both, may be considered to be equivalent.
 - Comprehension of the principles and problems of management of the treatment process and facilities.
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|------|----------------------------------|
| B-3b | Carbon Adsorption |
| B-3c | Reduction of Hexavalent Chromium |
| B-3d | Oxidation of Cyanide |
| C-3a | Activated Sludge |
| C-3b | Sequencing Batch Reactor |