



STATEWIDE WASTEWATER OPERATOR TRAINING CENTER
STATE DEPARTMENT OF HEALTH
HONOLULU, HAWAII

TRAINING SESSION ANNOUNCEMENT
270 – ELECTRICAL MAINTENANCE II – MOTORS & MOTOR CONTROLLERS

County: City and County of Honolulu
Location: Statewide Wastewater Operator Training Center
1350 Sand Island Pkwy
Dates: **June 21 and 22, 2011**
Times: 8:00 a.m. – 11:00 a.m.
Lunch (11:00 a.m. – 12:00 p.m.)
12:00 p.m. – 3:00 p.m.
Audience: Operators, supervisors and managers: Enrollment limited to 15
Educational Point: 1 CEU
Instructor: Zabanal Josol
Prerequisite: *Completion of Course #269*

COURSE DESCRIPTION

Videotape 1 - Three-Phase AC Induction Motor Maintenance. This unit focuses on the basics of three-phase AC induction motor maintenance: how three-phase motors are constructed; how they operate; and how they are tested, maintained, disassembled, inspected, and reassembled.
Videotape 2 - AC Motor Controller Maintenance. This unit shows trainees how to locate controller components using a schematic diagram and a wiring diagram; how to apply the basic steps of troubleshooting; how to perform preventive maintenance procedures; how to test an energized controller for opens; and how to test a de-energized controller for grounds, opens and shorts.
Videotape 3 - Maintenance of High-Voltage Circuit Breakers and Switchgear (4KV and Over). This unit describes the principles of operation of high voltage breakers and switchgears; how circuit breakers extinguish an arc and how protective systems work in conjunction with the breakers. After completing the unit, trainees should be able to assist an experienced electrician in performing routine maintenance on air circuit breakers and oil circuit breakers, and in performing certain electrical tests on breakers.

REGISTRATION (*Classes are subject to **cancellation if less than three registrations** are received by the deadline.*)

1. State and County Wastewater Treatment Plant Personnel: **TUITION: Free**
Please register as soon as possible by sending the registration form thru your immediate supervisor. Supervisors will forward all registration forms to the Administrator of the Statewide Wastewater Training Center.
2. All Other Non-Municipal and Non-Wastewater Employees: **TUITION: \$110.00**
Please forward your registration form and check or money order payable to: State Department of Health. Mail to:

Administrator, Statewide Wastewater Operator Training Center
State Department of Health
919 Ala Moana Blvd., Room 309
Honolulu, Hawaii 96814

Deadline*: **June 14, 2011**

** Registration and Payment*

EQUAL OPPORTUNITY

Any disabled person requiring special needs will be accommodated. Any disabled person requiring special assistance should contact the Administrator at 586-4294 or fax 586-4300.

For more information please visit our website: <http://hawaii.gov/health/environmental/water/wastewater/sotc.html>