



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

TRAINING SESSION ANNOUNCEMENT
269 – ELECTRICAL MAINTENANCE I

County: County of Kauai
Location: Kauai Civil Defense Classroom
3990 Kaana St., Suite 100
Dates: **December 28 and 29, 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
Educational Point: 1 CEU
Instructor: Fred Layi
Prerequisite: *Completion of Course #102, Basic Electricity*

COURSE DESCRIPTION

Videotape 1 - Reading Electrical Diagrams. Connection and Interconnection diagrams, raceway diagrams, and logic diagrams are covered in this unit. Trainees learn how to read a "Raceway Schedule"; a Raceway Notes, Symbols, and Detail book; and truth tables. Videotape 2 - Troubleshooting and Emergency Repair of AC Systems and Equipment. This unit examines examines AC systems and equipment troubleshooting, with particular emphasis on industrial AC systems, subsystems, units, and components commonly in use. Trainees are taught how to identify and locate grounds, shorts, and opens; how to make simple emergency repairs to AC equipment; and how to be aware of the limitations and safety concerns associated with emergency repairs. Videotape 3 - Power Supplies. It explains the operation of transformers, rectifiers, filters. regulators, voltage multipliers, and voltage dividers and shows trainees how to identify these devices and circuits on a schematic.

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
1350 Sand Island Parkway, Bldg. 3A
Honolulu, Hawaii 96819

Deadline*: December 21, 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 832-5478 or fax 832-3496.

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