



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

TRAINING SESSION ANNOUNCEMENT  
**255 MECHANICAL MAINTENANCE VI: VIBRATION ANALYSIS, SHAFT ALIGNMENT I, SHAFT ALIGNMENT II**

County: County of Kauai  
Location: Kauai Civil Defense Classroom  
3990 Kaana St. Suite 100  
Dates: **August 12 and 13, 2014**  
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  
Educational Point: 1.0 CEU  
Instructor: Bruce Zhang  
Prerequisite: *Knowledge of mechanical maintenance.*

### COURSE DESCRIPTION

This program consists of three videotapes and textbooks.

Videotape 1 (Vibration analysis) covers: introduction to the hand-held vibration meter, using the hand-held vibration meter, storing the hand-held vibration meter, introduction to the vibration analyzer, taking unfiltered readings, taking filtered readings, and taking signature balancing.

Videotape 2 (Shaft Alignment I) covers: alignment theory, measuring and correcting misalignment, preparing for alignment, introduction to rim and face alignment, rim and face alignment (measuring vertical plane misalignment), graphing and correcting plane misalignment, and rim and face alignment (horizontal plane misalignment).

Videotape 3 (Shaft Alignment II) covers: introduction to reverse dial alignment, measuring and correcting vertical plane misalignment, measuring and correcting horizontal plane misalignment, aligning vertically mounted equipment, and other alignment methods.

### 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 through 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**  
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\*:** August 5, 2014

\* *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.