



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

TRAINING SESSION ANNOUNCEMENT

**252 MECHANICAL MAINTENANCE III: GEAR BOXES, MECHANICAL DRIVES, COUPLINGS  
AND ALIGNMENT**

County: County of Maui  
Location: Kihei WWRF Classroom  
480 Welakahao Road, Kihei, Maui  
Dates: **March 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, maintenance workers, supervisors and managers  
Educational Point: 1 CEU  
Instructor: Martin Jenson  
Prerequisite: *Knowledge of Mechanical Maintenance*

**COURSE DESCRIPTION**

This program consists of four videotapes and textbooks.

Videotape 1 (Gear Boxes) covers: gear boxes, component inspection, performing precision measurements, installing bearings and oil seals, reinstalling the bearing covers and checking shaft runout, checking backlash and tooth contact, and gear designs.

Videotape 2 (Gear Boxes) covers: periodic checks, lubrication, removing and installing the oil seals, wormgearing design, worm shaft end worm gear end play and positioning, and gear box maintenance guidelines.

Videotapes 3 & 4 (Mechanical Drives, Couplings and Alignment) covers: couplings and alignment, disassembling couplings and detecting angular misalignment, detecting parallel (offset) misalignment, interpreting alignment measurements, correcting misalignment, assembling the coupling, and removing belts.

**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\*: March 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.