



STATEWIDE WASTEWATER OPERATOR TRAINING CENTER
WATER RESOURCES RESEARCH CENTER, UNIVERSITY OF HAWAII
HONOLULU, HAWAII



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

County: County of Hawaii - Hilo
Location: Hilo WWTP
150 Kekuanaoa, Hilo Hawaii
Dates: **July 19 and 20, 2017**
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 and Maintenance Personnel
Educational Point: 1.0 CEU
Instructor: Ron Hay
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

1. County Wastewater Treatment Plant Personnel: **TUITION: Free**
Please submit an application form to your supervisor for approval and then fax/email to the Statewide Wastewater Training Center.
2. All Other Non-Municipal and Non-Wastewater Employees: **TUITION: \$110**
Please mail application form and tuition directly to the Statewide Wastewater Training Center. Check payable to: RCUH.

Mail to: Statewide Wastewater Operator Training Center
University of Hawaii, Water Resources Research Center
2540 Dole Street, Holmes Hall 283
Honolulu, Hawaii 96822

Fax: 808-956-5014 Email: uhwwtrainingcenter@gmail.com

Deadline: July 12, 2017

EQUAL OPPORTUNITY

Any disabled person requiring special needs will be accommodated. Any disabled person requiring special assistance should contact the Administrator at 956-7298 or uhwwtrainingcenter@gmail.com.