

# AFCESA A-GRAM



AIR FORCE CIVIL ENGINEER SUPPORT AGENCY

02-09

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## INDUSTRIAL WATER TREATMENT CD-ROM

### SYNOPSIS:

We have recently completed a new training program CD-ROM – Industrial Water Treatment Orientation Program. This CD-ROM contains information pertaining to industrial water treatment for cooling and heating systems. It has been distributed Air Force wide to all civil engineer organizations.

This program provides valuable information for both military and civilian technicians and supervisors involved in industrial water treatment. It reviews the different industrial water systems and their treatment protocols. Additionally, it discusses the options for chemical and non-chemical water treatment, chemical cleaning, and the importance of developing a comprehensive industrial water treatment program.

Six printable charts, over 600 photographs and graphics, and a glossary are included throughout the program's ten lessons. Lessons cover the following:

- Lesson 1 – Introduction to Water
- Lesson 2 – Makeup Water
- Lesson 3 – Steam Boiler Systems
- Lesson 4 – Cooling Water Systems
- Lesson 5 – Closed Water Systems
- Lesson 6 – Water Sampling and Testing
- Lesson 7 – Water Treatment Chemical Feed and Control

- Lesson 8 – Non-Chemical Water Treatment Devices
- Lesson 9 – Chemical Cleaning of Water Systems
- Lesson 10 – Water Treatment Program Development

### ACCESSIBILITY:

Initial distribution has been made to unit training managers and heating, ventilation, and air conditioning shop chiefs. Course content questions should be addressed to Mr. Soloman Williams, HQ AFCESA/CESM. Questions regarding home station training or obtaining additional copies of this and other CD-ROM products may be directed through your training managers to Mr. Don

Wilson, Applied Research Associates, Inc., P.O. Box 40128, Tyndall AFB FL 32403-5319, DSN 523-0705, or e-mail: [dwilson@ara.com](mailto:dwilson@ara.com).

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