Shutdowns, Labor & Excessive Water Loss
Virtually Eliminated From HVAC System With Lakos Separators

It used to take a weekly eight hours of shutdown time for two men to clean the HVAC system at the office complex of American Honda in Los Angeles, California. Now, with the installation of Lakos In-Line Separators in each of their four cooling loops, a routine cleaning of the purge system during each shift is all it takes.

American Honda’s previous eight hour a week cleaning process involved draining four 900-ton cooling towers and then scavenging the basins of each with a portable recirculating filter. This proved to be ineffective and costly because of the waste involved. A new system was urgently needed, one that would remove the particles effectively, without the downtime and water loss.

The side-stream installation of the separators effectively removes abrasive and troublesome particles which come from the cooling towers, as well as scale deposits which could collect in the systems’ recirculating condenser loops and decrease the efficiency of heat transfer surfaces. The particles and

continued on reverse
scale deposits are then collected into a Lakos Closed Recovery System (CRS), allowing excess purged water to flow back into the HVAC system and eliminating water waste and water treatment chemical waste.

Says Joseph Goss, Chief Engineer in charge of American Honda’s HVAC system, “I was worried about severe abrasion and wear to the chiller’s condenser tubes and we felt Lakos Separators were the best solution because they are effective without water and chemical loss in the cleaning process. After only 2 weeks, our system was significantly cleaner and has been ever since.”

**Others who have used Lakos Separators for similar applications:**

- BLUE CROSS/BLUE SHIELD; Concord, NH
- PARKE DAVIS LABS; Morris Plains, NJ
- HOLY NAME HOSPITAL; Teaneck, NJ
- WORLD OF PLASTICS; Ft. Pierce, FL
- FBI HEADQUARTERS; Washington, DC
- CULLIGAN; McLean, VA
- I.B.M. BUILDING; Egg Harbor, NJ
- GSA NAVY ANNEX; Washington, DC
- AMERICAN CYANAMID; Ft. Lonsome, FL
- CIA HEADQUARTERS; McLean, VA
- BACU INDUSTRIES; Poughkeepsie, NY
- RESOURCES CONSERVATION; Addy, WA
- DOWNSTATE MEDICAL CENTER; Brooklyn, NY
- RUBBERMAID; Wooster, OH
- INTERNATIONAL AIRPORT; Philadelphia, PA
- ACME MARKETS; Philadelphia, PA
- THE DENVER: Denver, CO
- U.S. CAPITOL BLDG.; Washington, DC
- MONSANTO COMPANY; Kenilworth, NJ
- ST. JOHN’S HOSPITAL; Smithtown, NY
- PARK PLAZA; Wilmington, DE
- GEORGIA POWER CO.; Waynesboro, GA
- U.S. ARMY; Ft. Ritchie, MD
- POLY CLINIC HOSPITAL; Harrisburg, PA
- COOP CITY; Bronz, NY
- BUCHANAN GENERAL HOSPITAL; Grundy, VA
- BUREAU OF PRINTING; Washington, DC
- PERMAGRAIN CO.; Karthaus, PA
- I.R.S. BUILDING; Washington, DC
- WESTWORLD INN; Tulsa, OK
- DELL’AQUILLA ENTERPRISES; Hoboken, NJ
- A.T.&T. COMMUNICATIONS; Arlington, VA
- MEMORIAL ART GALLERY; Rochester, NY
- EINSTEIN MEDICAL; Philadelphia, PA
- CHRYSLER; Kokomo, IN
- U.S. ARMY; Ft. Lee, VA