

# Want to be Green? Get Blue!

## BlueTrace™ - Advanced Chemical Dosage Control

MB 0309

The USGBC LEED and USEPA Green Chemistry programs require that chemical use be optimized to avoid environmental impact from operation of cooling towers.

Fast, accurate control testing is needed to optimize chemical use. Accurate test data prevents costly overfeed of treatment chemicals and avoids problem causing underfeeds.



ProChemTech International, a world leader in water treatment chemistry, has developed an accurate, easy to use tracer technology for control of cooling tower treatment chemicals: **BlueTrace**.

**BlueTrace** replaces molybdate and other costly proprietary control tracers with an economical, biodegradable, organic colorant. This colorant is easily quantified in treated water by use of an inexpensive dedicated wavelength spectrophotometer as shown in the picture at left.

### Green Advantages

- **BlueTrace** is far more accurate than any other tracer technology on the market, +/- 5 mg/l at a control level of 100 mg/l
- Fast, accurate test results permit system operators to maintain chemical control limits closer to optimum, reducing chemical usage and subsequent environmental impact
- No costly, toxic, difficult to handle chemical test reagents are needed for the test, only the handheld spectrophotometer and filter paper
- No routine disposal of costly, toxic used chemical test reagents
- **BlueTrace** colorants are biodegradable and contain no molybdate
- Automatic controllers, **BlueTrak™**, based upon this technology are currently available from both Advantage Controls and ProChemTech

**ProChemTech International, Inc.**  
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