

## IMPORTANCE OF BIOLOGICAL MONITORING OF COOLING WATERS

Jana ŘÍHOVÁ AMBROŽOVÁ

Institute of Chemical Technology, Prague, Department of Water Technology and Environmental Engineering,  
Technická 5, 166 28, Prague 6, Czech Republic, e-mail: jana.ambrozova@vscht.cz

### ABSTRACT

Říhová Ambrožová J.: **Importance of Biological Monitoring of Cooling Waters**

In 2007, technical recommendation “Biological monitoring of cooling waters I-F-23” was issued in the Czech Republic, which is addressed namely to operators and attending personnel of water cooling systems and similar equipments. The attention is paid to the biological problems and to the specification of biological methods (introduction into the subject matter, picked indicators, practice of determination and evaluation respectively, follow-up outline). Further are mentioned the characteristics of water-cooling facilities with the intent to inform likewise the biology specialists, which may face the aforesaid topic.

**Key words:** Water-cooling facilities; biological monitoring; biofilms; algae; bacteria