

Educational Support to Enhance Science Teachers' Safety Management Capacity

OSHTI provides capacity building programs for science teachers for the safety management at science laboratories

- ☐ Occupational Safety and Health Training Institute (OSHTI, Director General: In-jae Shin) and Ulsan Board of Education joined hands to intensify the capacity of elementary, middle, and high school science teachers in Ulsan for laboratory safety management.
- ☐ This e-Learning program was prepared through the cooperation between both institutes to reduce recently increasing laboratory accidents and targets 500 science teachers and their assistants in 240 elementary, middle, and high schools within the jurisdiction from June 1.
 - This training comprises a total of 11 contents designed to prevent safety accidents within science laboratories through prompt initial response and systematic control of accident in a case of accident including safety related regulations applied to laboratories, first-aid, and safety control applicable to each laboratory.
- ☐ The e-Learning safety training takes place on the OSHTI's e-Learning Center (safetyedu.net), and teachers can log on to the e-Learning Center using the ID and password issued to them through the board of education to receive training.

- ☐ According to the materials issued by the Department of Science and ICT in 2014, there were a total of 166 accidents in the laboratories, showing a sharp increase from 107 accidents in 2013. The most common type of accident was the contact with sharp surface which accounted for 28% followed by fire for 16%, contact and dispersion for 15%, and burst and explosion for 12%.
- ☐ Director General Shin of OSHTI said "We expect that this training to enhance science teachers' capacity in managing safety in the laboratory and responding to safety accidents professionally in order to provide safe laboratory environment for both teachers and students."