

Education and Training in the Preparation of the Work Guidelines for the Science Laboratory for Teachers of Laboratory Managers in Sleman Regency Yogyakarta

by IGP Suryadarma, Insih Wilujeng, Dadan Rosana

ABSTRACT

The education and training activities for the preparation of the laboratory safety manual are aimed at: providing understanding to science teachers to develop a work safety manual for the science laboratory and science laboratory management; produce the Science Safety Laboratory and Science Laboratory Management Work Guidebook and find out the responses of science teachers to education and training on the development of the Science Lab Work Safety Manual. The activity was attended by 35 science teachers in Sleman Regency, with information discussion training methods, focus group discussions and workshops. Activities are evaluated using a questionnaire instrument to reveal the initial understanding of the training participants regarding laboratory work safety; lab work understanding test; the questionnaire responses of participants regarding the usefulness of education and training and the products produced from the workshop were a science laboratory work manual. The results of the activities are: understanding of science teachers related to work safety The Science Laboratory and Science Laboratory Management have increased from 53.6% of teachers who understand to 72.5%; has been produced by the Work Safety Guidelines for the Natural Sciences Laboratory and Natural Sciences Laboratory Management which enter the expert validation process; and as much as 95.7% of teachers gave a positive response (agreed) to the training on the development of the Work Guidelines for the Science Laboratory and the Management of the Science Laboratory

Kata Kunci: *Education and training. Handbook, lab safety*