

Development of Safety Training Method for Thorough Adherence to the Rules for Preventing Man-Collision Accidents

Akiko MURAKOSHI Yumeko MIYACHI Mami MATSUMOTO
Toshiaki KABURAGI Kazunori HAYAMA

By conducting opinion surveys among on-site railway personnel, the authors makes it clear that training of “processes that not observing rules leads to accidents” is necessary, in order to promote more rigorous rule keeping. Following this result, three educational items for group discussion and four educational items for hands-on experience are developed to provide training on better understanding the processes leading to man-vehicle collision accidents. Six educational programs combing the seven educational items were trialed with a group of on-site personnel involving track maintenance or electrical installations. The followings are confirmed: the satisfaction level among the participants of the educational programs is high; the rule compliance attitude of the participants continues to be improved for about one month later; the sense of burden imposed on the site managers as a lecturer is within the operational permissible range.