

Communication among workers is considered essential for building up safety culture. Every worker has his or her own awareness of risk and safety. To share the information about the risk or safety among workers contributes to raise the level of workplace safety and the safety culture of the workplace.

Risk information or experience had been shared by chat in the free time or waiting time at the workplace. But today this kind of communication is less frequent. A study was conducted an inquiry to reveal the actual conditions of communication about risk in a railway company. The results indicate that a change may be that the time to have a light conversation in a workplace is decreasing and that differences in age among workers are increasing.

Therefore, with the aim of increasing communication about the ideas of risk and safety, and of building up safety culture, a new method (ARD) method based on action research executed at a train drivers' work site. The ARD consists of 3 steps, 1. discussion about accident causation, 3. discussion about accident prevention. It is not necessary to do all the 3 steps. You can combine 1 or 2 steps in accordance with the situation.

As we try to reproduce informal chat using this method, it is important to discuss frankly various aspects of an accident such as the accident, its seriousness, its causes and measures to prevent it, by the facilitation of the leader. And there is no "Exact" theme. The leader chooses the theme and the member before the discussion.

This method is very easy to prepare and it requires no extra cost. What all the members of the discussion have to do is just to participate in an enjoyable discussion facilitates sharing risk information and enhances safety awareness.

This method has been implemented in several railway companies and has a good reputation.

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