

JFE Steel Corporation

Award: Safety
Category: Safety training

Safety Training to bring up the Person and his Mind

Challenge

JFE Steel has taken a variety of equipment safety measures to improve the further work environment under the fundamental principle, "Safety is the first priority". However the industrial accidents have often occurred due to the unsafe movements of workers which resulted from the lack of knowledge and awareness, or against the rules etc. We need to educate and train the workers with company cooperation in the steelworks to notice the importance of the safety first principle.

Action

In order to eradicate the industrial accidents, it is important not only to take the equipment safety measures but also to bring up the person and his mind that the worker always keeps the safety rules even if the person works alone. JFE Steel has introduced the public awareness activities of workers, such as the notice of Safety and Health poster of JFE Steel Corporation, the repeating safety educations and the accident trainings for the body sensation. The poster shows the JFE Steel worker's picture and this year's safety priority items. The original education uses DVDs which relate directly to one's work in order to understand easily and visually the fatal accidents. The trainings contain the virtual reality program which simulates the actual industrial accidents by using the latest technology.

Example of Safety Training (Notice of Safety and Health poster): The poster shows the JFE Steel worker's picture shows this year's safety priority items. The fundamental principle is: Safety is the first priority.



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Outcome

The number of the industrial accidents in JFE Steel decreases remarkably in the past few years (it decreased about 47 percentage compared with the average data from 2008 to 2012). Finally the outcome is reasonably recognized and we believe that these activities are not something wrong in the direction of safety activities. We think that the safety activities are necessary to sustain a safe environment and to prevent the mannerism.



Example of Safety Training (Simulated experience implement Virtual Reality). You can experience the simulated fall accident at the location of faults when you walk along the path as usual.