

MR-based
Safety
Training for
Shop floor
Workers



MR-BASED SAFETY TRAINING FOR SHOP FLOOR WORKERS

Challenges

To train shop floor workers on how to handle some of the critical and hazardous situations to avoid casualties

Scope

To develop an offline training solution preferably a digital solution.

Impact

- The MR solution facilitates the workers to learn how to handle hazardous situations successfully by trying out the scenarios multiple times till they become confident.
- Reduces the number of casualties on the shop floor

Solution

- Did a detailed study of the hazardous situations, viz., Gas leak, electric shock etc. Faced by the workers on the shop floor
- Developed a MR application to overlay digital assets and effects on top of actual shop floor scenarios using EPSON MR glasses, which would help them experience the ill effects if they do not follow safety guidelines etc.

