

Nippon Yakin Kogyo Co., Ltd.

Award: Safety
Category: Workplace improvement

Hazardous Measurement System for Chemical Substances

Challenge

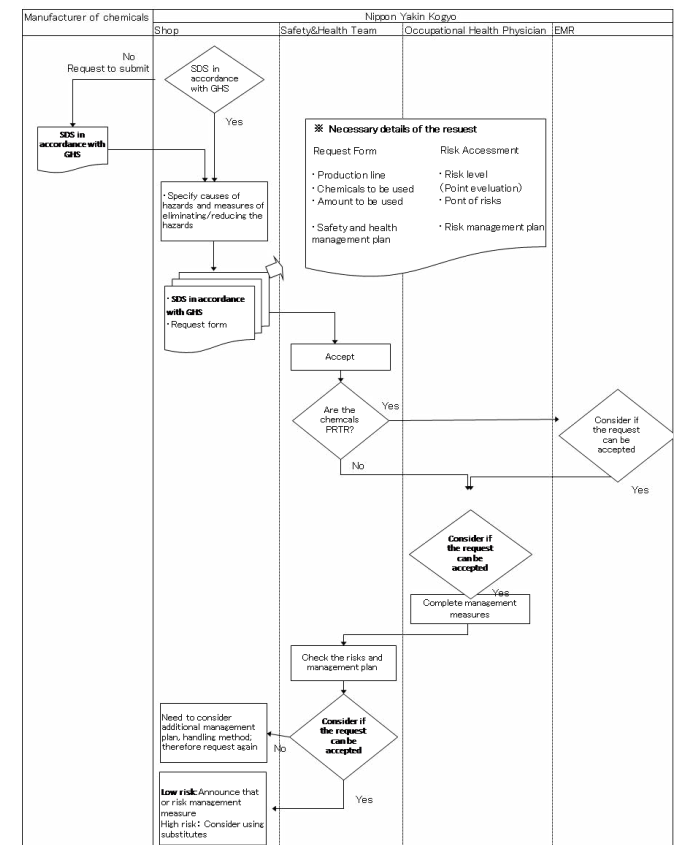
At our plant, we have implemented a Safety Priority Action Plan to prevent work accidents and health problems amongst employees. We have managed various chemical substances to prevent direct hazards for health of our employees. Now we need to prevent long-term effects like carcinogenicity and reproduction toxicity in order to protect our employees essentially.

Action

Our new system to prevent long-term effect of chemical substances is as follows.

1. All departments which handle chemical substances must obtain a SDS (Safety Data Sheet). This SDS is needed when the chemical substance is introduced and when the application is changed.
2. We evaluate hazards, exposure and scattering with point-rating system and clarify the priority of temporary or permanent measurement.
3. All employees of handling section, managing section including industrial medical physicians are informed of the hazards and measurements (see chart 1.)

Flowchart of Hazardous Measurement System for Chemical Substances



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Outcome

Now we can evaluate the priority of measurements for all chemical substances. All employees handling each chemical substance can understand characteristics of substances and raise awareness to prevent long-term health effect of them.