

12.2.9 Identification of Existing Controls and Risk Product Profile

Existing controls are the measures either present by design or already taken by the organization to control the hazards. The existing control(s) for each hazard is identified.

The risk product profile is a tool which helps in prioritization of risks. It classifies the identified risks into four color zones. Such as:

- Blue (Safe Zone)
- Green (Moderate Zone)
- Orange (Danger Zone)
- Red (Extremely Danger Zone)

12.2.10 Implementation of Identified Additional Controls

The identification of additional controls is required when the risk is falling in 'Orange' or 'Red' zone or in other words the value of R is more than '9'. The term additional control also means an improved control, i.e. change in existing controls for better results. While identifying and applying the additional control(s) following hierarchy of controls is followed:

- Key considerations at this stage
 - Need for combination of controls, selecting lower elements from hierarchy of controls, e.g. for machine work, install safety guards (engineering control) plus also display warning signs (administrative control) while also providing steel mesh gloves (PPE) to the workers.
 - Mental and physical capabilities of individuals involved.
 - Human behavior and adaptability, whether a particular control measure will be accepted and can be effectively implemented.
 - The possible need for emergency/contingency arrangements where risk controls fail.
 - The potential lack of familiarity with the workplace and existing controls of those not in the direct employment of the organization, e.g. visitors, contractor personnel etc.
- The accurate application of additional controls is the responsibility of individual concerned.
- The implementation of controls can be prioritized.
- In case the implementation of additional controls requires time, then a target date of implementation is to be mentioned.

Note: In some cases, it is also necessary to modify work activities until risk controls are in place or apply temporary risk controls until more effective actions are completed. For example, use of hearing protection aid as an interim measure until the source of noise can be eliminated, or the work activity segregated to reduce the noise exposure. However, the temporary controls should not be regarded as a long-term substitute for more effective risk control measures.