

12.5.2 Conditions for Review of Risk and Impact Assessment

Following are the conditions in which a review of risk and impact assessment is required to be done:

- a) Whenever the risk and impact assessment methodology is changed.
- b) When there is a change in existing activities or processes; resulting in identification of new hazard/aspect or need for change in controls.
- c) Whenever new hazard/aspect or need for change in controls is identified through feedback from interested parties, coordination meetings, audits, inspections, incident investigations, corrective actions, preventive actions or any other source.
- d) Whenever new hazard/aspect or need for change in controls is identified subsequent to emergency situations or after the periodic review of emergency procedures.
- e) In the case of change in applicable legal and other requirements affecting the risk and impact assessment process.
- f) Whenever new hazard/aspect or need for change in controls is identified due to some external factors, e.g. emerging occupational health or environmental issues.

12.5.3 Risk and Impact Assessment of Outsourced Processes

For the organizational processes which are outsourced or contracted to other organizations, the responsibility of risk and impact assessment lies with the contractors (service providers).

It is mandatory for the operators and contractors to carry out risk and DMAT impact assessment of all the activities which they are performing on behalf of DMAT.

Contractors shall carry out risk and impact assessment as per DMAT'S procedure and on the prescribed formats.

Contractors may perform risk and impact assessment as per their own methodology, provided that their methodology meets the requirements of DMAT regarding risk and impact assessment. Otherwise, the contractors are required to either adopt the same DMAT'S methodology or upgrade their methodology to meet the DMAT'S requirements.

Note: *Where applicable, is the Contractor's responsibility to ensure full compliance of the service on above mentioned requirements.*

12.5.4 Risk Assessment/HAZOP (Hazard & Operability Studies)

It is extremely important that the performance of all assets is improved over time to enable reliable operability and maintainability of the assets and facilities with reduced risk. For all capital assets and major refurbishments that ensures all foreseeable risks shall be minimized or reduced to an acceptable level. Risk management tools established as good industry practice such as HAZOP (Hazard & Operability Studies) shall be used which will be managed by an accredited team leader and used to identify, categories and manage risks.

The HAZOP process is based on the principle that a team approach to hazard analysis will identify more problems than when individuals working separately combine results. The HAZOP team is made up of individuals with varying backgrounds and expertise. The expertise is brought together during HAZOP sessions and through a collective brainstorming effort that will stimulate creativity and new ideas, providing a thorough review of the process under consideration is made.