

PART 36

Chemical and Biological Substances

Previous Regulation(s): MR53/88R
Summary of requirements:

- **Application** – applies to every workplace where a chemical or biological substance is present.
- **Duty to assess chemical and biological substances** to determine if the substance creates a risk to workers at the workplace.
- **Safe work procedures** – must be developed and implemented respecting the use, production, storage, handling and disposal of chemical or biological substances. Workers to be trained and the employer is to ensure that workers comply with the procedures.
- **Control measures for non-airborne hazards** – if the assessment determines that non-airborne exposure to a chemical or biological substance creates a risk, the employer must immediately implement control measures to eliminate the risk.
- **Establishing airborne occupational exposure limits (OEL's)** – if the assessment determines that the presence of an airborne chemical or biological substance creates, or may create, a risk the employer must establish OEL's for the substances which do not exceed the threshold limit values established by the ACGIH. In those situations where a threshold limit value has not been established by the ACGIH the employer must implement control measures to eliminate the risk or ensure that a competent person establishes an OEL for the substance.
- **Monitoring and control measures** - if workers may be exposed to an airborne chemical or biological substance at a concentration in excess of the OEL's, the employer must conduct monitoring on a regular basis or implement control measures sufficient to ensure that no workers is exposed to the substance in excess of the OEL's.
 - The employer must make a record of all monitoring conducted.
 - Employer must provide the monitoring records to committee/representative or upon request to a worker who was exposed to a chemical or biological substance.
 - Records must be maintained for a 30-year period after monitoring was conducted.
 - Employer must also do monitoring when control measures are implemented to ensure the effectiveness of the control measures.
- **Personal protective equipment** may only be used when no other control measures are reasonably practicable.

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*Note: This is high-level summary.
Please refer to the Regulation for more detailed requirements.*