

## MAJOR ACCIDENT PREVENTION POLICY (MAPP)

### AIMS

Lansdowne Chemicals will demonstrate a strong sense of responsibility for people and the environment.

Lansdowne Chemicals will endeavor to be in the forefront of industrial safety and environmental care.

### POLICY

Lansdowne Chemicals recognises that its operations by their nature have the potential to cause major accidents and is committed to managing them so as to prevent major accidents and to provide a high level of protection to its employees, contractors, visitors, neighbours and the environment.

Lansdowne Chemicals believes that all major accidents are preventable. It is committed to carrying out reviews of its operations for major hazard potential and to seek improvements to achieve this objective.

Lansdowne Chemicals also believes that high standards of safety and environmental performance are an integral part of achieving good business performance and that the responsibility for achieving these standards lies with the line management at all levels.

### RESOURCES

Lansdowne Chemicals will provide adequate human and material resources necessary to achieve the objectives of this policy.

### SAFETY MANAGEMENT SYSTEMS (SMS)

Lansdowne Chemicals will provide and maintain a SMS which will seek to prevent major accidents and mitigate their effects by

- Developing and maintaining a culture which is committed to achieving a high standard of safety and environmental performance and involving staff at all levels in developing and monitoring the SMS.
- Ensuring that an effective organisation exists for the management of major hazards: that responsibilities for the management of major hazards are clearly defined; and that the individuals, who carry these responsibilities, including contractors, are properly selected and trained and are held accountable for their performance.
- Providing such training, information, instruction and supervision as may be necessary to staff at all levels and contractors where appropriate.

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- Defining arrangements for systematically identifying the major hazards arising at all stages in the life cycle of the plant, including construction, commissioning, normal and abnormal operation, shutdowns and decommissioning, and assessing their likelihood and

severity and ensuring that these arrangements are fully implemented and that appropriate follow up action is taken with the aim of ensuring major hazard risks are as low as is reasonably practicable.

- Adopting procedures and instructions for the safe operation and maintenance of plant, processes and equipment at all times throughout all stages of the life cycle of the plant/facility.
- Controlling modifications to plant equipment, processes and storage facilities, and design of new installations with the aim of ensuring major hazard risks are maintained as low as is reasonably practicable.
- Identifying foreseeable emergencies by systematic analysis and preparing, testing and periodically reviewing emergency plans involving measures of protection, alert and intervention which are designed to minimise the effects of any major accident (including potential domino effects).
- Continually monitoring safety and environmental performance in order to assess compliance with the objectives set out in the MAPP and the SMS and identify and implement corrective actions. This will include: active monitoring of the achievement of plans and objectives and effective implementation of the arrangements for controlling risks through arrangements for systematic checking and reporting; reactive monitoring through arrangements for the formalised reporting and investigation of all incidents, near misses, hazardous conditions and systems failures; reporting on performance on a regular basis to senior management with an formal annual review by senior management of overall performance; periodic external audit of standards and performance.
- Implementing a planned approach to continuous improvement based upon systematic review of risks and performance together with regular external audits in order to identify and implement improvement actions.

## REVIEW

A formal review every four years of the MAPP and the effectiveness and suitability of the SMS shall be carried out by the Managing Director, the Plant Manager, Warehouse Manager and the Regulatory Affairs Manager based upon a systematic assessment coordinated by the Regulatory Affairs Manager.

The MAPP will be reviewed and reissued every 4 years or at any other time if significant policy changes are made.

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For and on behalf of

**LANSDOWNE CHEMICALS**

MR ROBERT MOSS

Managing Director

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