



Major Accident Prevention Policy (MAPP)

In line with our OSH Philosophy, our goal is to reduce major accident risks associated with our work activities to as low as reasonably practical (ALARP), with the fundamental aim to protect the health, safety, security and the environment of all relevant stakeholders in which we operate.

To fulfil this, TPC establishes, implements and maintains the OSH Management System with a continual improvement approach, in accordance with SS651.

We carry out:

- **Resource & Personnel**

Provide sufficient resources and personnel to manage the potential major hazards of our operation effectively, allocating roles & responsibilities.

Ensure all employees and contractors are aware of the potential for major accidents and are informed of their responsibilities in relation to them.

- **Identification & Evaluation of Major Hazards**

Systematically identify and evaluate risks and limit the consequences of major hazards associated with our activities.

Adopt a hierarchical approach to risk reduction, starting from inherent safety, ensuring that measures are put in place to minimise risk to as low as reasonably practical.

- **Operational Control**

Develop, implement, monitor and review procedures and systems to ensure safe and sufficient design, construction, and operation of our facilities.

Maintain the integrity and reliability of all safety and environment critical systems, ensuring their effectiveness in preventing major accidents.

- **Management Of Change**

Manage any change to facilities, structures, organisation, systems and procedures to ensure the continued effective control of major accident hazards.

- **Emergency Response Plan**

Identify foreseeable emergencies and put in place Emergency Response Plans which are subject to periodic tests, drills and reviews for continued effectiveness.

- **Monitoring of Performance**

Ensure that all incidents capable of leading to a major accident are reported and investigated with corrective/ preventive measures implemented to prevent reoccurrence.

Identify appropriate Process Safety Performance Indicators (PSPI) and actively monitoring them for effectiveness.

- **Audit & Review**

Systematically audit the OSH Management System to monitor its effectiveness.

Review the OSH Management System with emphasis on measuring performance and identifying improvement.

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Managing Director

Tan Aik Joo
General Manager (Plant)

2nd October 2023