

CEM

SAFETY, HEALTH, ENVIRONMENT

AND QUALITY

REQUIREMENTS & RESPONSIBILITIES

FOR MATERIALS SUPPLIERS

(Version 2)

Date: 1st January 2009

1. CEM Policy in Safety, Health, Environment and Quality

As a provider of an essential service to the development of Macao and the well being of its population, CEM is aware of its specific responsibilities and dedicated to carrying out its activities in a sustainable way, with full respect for the legitimate expectations of all interested parties.

Therefore, CEM has established an Integrated Management System in conformity with applicable international standards. It will provide the framework for setting and reviewing objectives and targets in the Safety, Health, Environmental and Quality areas.

CEM committed to:

- Continuously and efficiently reducing the impact of its activities on the environment, enhancing the quality of its products and services, and improving safety and health conditions;
- Complying with all applicable legislation and regulations as well as other requirements to which it may proactively subscribe;
- Applying the best available sustainable technologies in order to minimize environmental impact and achieve the highest safety, health and quality standards;
- Developing internally a Safety, Health, Environmental and Quality culture by raising awareness, educating, and training employees to carry out their activities in a responsible manner;
- Promoting awareness in the above areas amongst customers, contractors, suppliers and Macao society;
- Improving communication with customers, general public and other interested parties, for mutual benefice, as a way of enhancing the ability of all to create value.

While CEM employees are responsible for understanding and complying with this Policy, CEM management is responsible for ensuring that it is fully implemented.

2. Environmental Law for the Suppliers

CEM also expects suppliers to comply with the following laws:

- 1) Decree no. 495/73 dated 6 October 1973 and Decree no. 35/97/M dated 25 August 1997
 - The supplier / contractor shall not discharge any harmful waste water, oils, other substance or residue that can cause pollution in the area adjacent to the territorial sea, ports, rivers, docks, beaches and other areas under the jurisdiction of the Maritime Administration.
 - The supplier / contractor shall maintain safety all the time for their ship(s) during sailing, embarking, unloading and mooring. Pouring of waste or any other materials, such as lubricants and liquid fuel, into the sea is prohibited. It is also not allowed to pollute or occupy the areas that are under the jurisdiction of the Maritime Administration.
- 2) Decree no. 35/97/M dated 25 August 1997 and norms and instructions as stated in Edict no.1/89 dated 30 January 1989 of Boletim Oficial de Macau No.5.

The suppliers/contractors should comply with the safety rules that were set by the Maritime Administration, for handling hazardous materials in the dock.

- 3) Decree no. 58/95/M dated 14 November 1995, article 268

Suppliers/contractors who do not comply with laws and regulations by performing the following actions will be penalized:

- Pollute water or soil, or by any other way degrade their quality;
 - Pollute air by using machines or installations; or
 - Produce disturbing noise by using equipment, installations or vehicles.
- 4) The suppliers/contractors shall ensure the safety of people and properties, and the quality of the environment, in accordance with Decree no.11/99/M dated 22 March 1999.

The above laws are not exhaustive. Suppliers should check the new environmental laws that are in force in Macao from time to time.

Below are list of Safety, Health & Environmental legislations in force in Hong Kong SAR that CEM also proactively subscribed to as additional requirements to be observed during service provision:

- 1) The Construction Sites (Safety) Regulations
- 2) The Factories and Industrial Undertakings (Safety Offices and Safety Supervisors) Regulations
- 3) The Factories and Industrial Undertakings (Confined Spaces) Regulations
- 4) The Factories and Industrial Undertakings Ordinance (Section 6A & 6B)
- 5) The Factories and Industrial Undertakings (Dangerous Substances) Regulations
- 6) The Dangerous Goods Ordinance
- 7) The Electricity (Wiring) Regulations
- 8) The Boiler and Pressure Receiver Ordinance
- 9) Noise Control Ordinance (Cap 400)
- 10) Air Pollution Control Ordinance (Cap 311)
- 11) Water Pollution Control Ordinance (Cap 358)
- 12) Waste Disposal Ordinance (Cap 354)
- 13) Waste Disposal (Chemical Waste) (General) Regulation (Cap 354)
- 14) Waste Disposal (Charges for Disposal of Construction Waste) Regulation (Cap 354)
- 15) Ozone Layer Protection Ordinance (Cap.403)
- 16) Dumping at Sea Ordinance (Cap. 466)
- 17) Environmental Impact Assessment Ordinance (Cap. 499)

3. Responsibility of CEM Materials Suppliers

CEM suppliers are responsible for understanding and complying with the above Policy as well as the regulations stated in Section 2. **In case the suppliers/contractors offend against the laws as stated in this document, which leads to environmental pollution and the likes, they are fully responsible to provide remedy for the problem. Otherwise, CEM reserves the right to terminate the contract/purchase order.**

3.1 CEM suppliers are required to submit the following documents to CEM with their proposal (**Please specify if not applicable**):

1) Technical notice for any equipment and/or safety data sheet **for any chemical materials including the potential impact and risk on environment, and the safety risk for users.**

These documents usually include:

- A general description

- Physical data

- Stability, toxicology for chemical products

- Transport and handling information

- Individual protection tools

- Certificate(s) of calibration of the measuring equipment

- Training records and experience of the staff for operating the measuring equipment

2) Disposition or treatment of waste:

A detailed description of how to dispose waste (in the form of gas, liquid and solid) during the execution and completion of work.

3.2 All materials or equipment should be identified and labeled with the international symbols (pictograms form) representing the dangers, when deliver to CEM.