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| **Annex 9**  **Health and Safety** |

**TABLE OF CONTENTS**

[1 General 4](#_Toc112726844)

[2 Safety 4](#_Toc112726845)

[3 Personal Safety Equipment…………………………………………….3](#_Toc112726846)

[4 First Aid and Industrial Injuries 4](#_Toc112726846)

[5 No Smoking Areas and Barricades 5](#_Toc112726847)

[6 Scaffolding 5](#_Toc112726848)

[7 Tools, Craines and Hoists 5](#_Toc112726849)

**8 Remedies………..…………………………………………………………5**

# General health and safety plan

# General

The Contractor is obliged to comply with all applicable laws and regulations regarding health and safety (it is especially adverted to the Council Directive 92/57/EEC of 24 June 1992 on the implementation of minimum safety and health requirements at temporary or mobile construction sites) as well as all safety standards and regulations set by the Employer, especially all requirements within this safety and health DCS (Design Criteria and Standards).

# Safety

Before starting work, the Contractor shall get familiar with the site specific applicable laws, standards and regulations and inform himself about the particular conditions and dangers at site. He shall conduct a risk assessment/job safety analysis. Depending on the results of the risk assessment/job safety analysis, the Contractor shall develop safe work procedures before starting work.

The Contractor has to provide its employees with training to ensure that they meet the applicable laws and regulations regarding health and safety as well as all standards and regulations set by the Employer.

In the performance of work under this Contract, Contractor shall establish and maintain a safety and security program that shall conform to the requirements herein and shall provide the following:

1. Designation of one or more qualified individuals as safety representatives to attend all Employer's safety meetings and be responsible for verifying conformity with safety standards.
2. Specific review and approval of all work plans and methods by the safety representative.
3. Periodic inspection by the safety representative of Contractor's work and storage areas to assume safe conditions and practices.
4. Full cooperation in the conducting of inspections by Employer's Consultant or governmental agencies having jurisdiction over the site. Copies of any governmental agency citation notices served on Contractor shall be submitted to Employer/Consultant immediately; and
5. Compliance with all applicable laws and regulations and directives of governmental agencies having jurisdiction over the site.

# Personal Safety Equipment

All necessary personal safety equipment shall be kept available for the use of the persons employed on the site and maintained in a safe working condition suitable for immediate use, and the Contractor shall take adequate steps to ensure proper use of safety equipment by those concerned.

Independent of any additional requirements by law

1. all labor and supervisory personnel engaged in the erection work shall use safety helmets. All persons working at heights shall use safety belts and/or life lines.
2. Those engaged in welding and cutting works shall use protective goggles and hand gloves.
3. Wherever men are employed on the work of lead painting, overalls and suitable face masks shall be provided for use by the workers when paint is applied in the form of spray or when a surface having dry lead paint is being rubbed or scraped.
4. All labor and supervisory personnel shall wear suitable protective footwear. The wearing of sneakers, sandals and such shall be forbidden and violators will be denied access to the work site.

# First Aid and Industrial Injuries

Contractor shall make arrangements for ambulance service and medical facilities for the treatment of industrial injuries.

All industrial injuries shall be reported promptly to Employer and a copy of Contractor's report covering each personal injury requiring the attention of a physician shall be furnished to Employer for his information. Any records shall be kept safe and as long as provided by law.

# No Smoking Areas and Barricades

"No smoking" areas within the battery limit shall be clearly defined and "No smoking" notices prominently exhibited. Smoking within these areas shall be strictly prohibited.

Contractor shall erect and maintain barricades required in connection with his operation to guard or protect especially the following areas:

1. Excavations
2. Hoisting areas
3. Areas considered hazardous by Contractor or Employer
4. Employer's existing property subject to damage by Contractor's operations
5. Barricades and hazardous areas adjacent to normal routes of travel shall be marked by red flashers or approved substitute lanterns at night

# 6 Scaffolding

* Suitable scaffolding shall be provided for workmen for all works that cannot safely be done from the ground or from solid construction except for such short period work as can be done from ladders.
* Working platform, scaffolding or staging more than 4 meters above the ground level or floor level shall be closely boarded, shall be of adequate width and shall have a guard rail properly attached, bolted, braced and otherwise reinforced at least 1 meter high above the floor or platform of such scaffolding or staging and extending along the entire length and the sides with only such openings as may be necessary for the entry of workmen and for delivery of materials. Such scaffolding or staging shall be so fastened as to prevent it from swaying from the building or structure.

# Tools, Cranes and Hoists

The Contractor shall use only tested equipment, tools, chains, ropes, etc, and shall periodically test them to ensure good working condition of such equipment, tools, chains, ropes, etc.

Use of cranes and hoists including their attachments, anchorage and supports shall conform to the following standard conditions:

1. Cranes and hoists shall be of good mechanical construction, sound materials and adequate strength and shall be kept in good working orders.
2. Every rope used in hoisting or lowering materials or as means of suspension shall be of durable quality and adequate strength and free from defects. Frayed ropes shall not be used.
3. Every crane driver or hoist operator shall be properly trained and shall be conversant with safety regulations for the use of such equipment and rigging.
4. All cranes and hoists shall be clearly marked with the safe working load.
5. Motors, gearing, transmissions, electric wiring and other dangerous parts of hoists shall be provided with efficient safeguards. Rigging shall be by such means as to prevent the accidental falling of the suspended load.

**8 Remedies**

If the Contractor does not comply with the applicable laws, regulations and safety standards, the Employer may request immediate corrective action. In addition, Employer may request from Seller to withdraw and replace any personnel which does not comply with any applicable laws, regulations and safety standards.

If the Contractor has not taken all practicable steps to remedy the default immediately after the receipt of the Employer’s notice, the Employer may terminate the Contract with immediate effect.