

**IMS REGULATION - INTEGRATED MANAGEMENT SYSTEM
ENVIRONMENT, HEALTH AND OCCUPATIONAL SAFETY**

**INTEGRATED MANAGEMENT SYSTEM REGULATION - Portos do
Paraná**

The Port Administration of Paranaguá and Antonina (Portos do Paraná) is responsible for managing Antonina and Paranaguá ports in Paraná State, South Brazil, by means of a delegation agreement between Paraná state and the Federal Union. The Paraná Government created Portos do Paraná in 1947, originally as an autarchy. In 2014, it became a public company, and nowadays it employs about 500 people and three thousand temporary port workers. Portos do Paraná's environmental policy applies for Paranaguá and Antonina ports.

Until 2013, Portos do Paraná was responsible for carrying out port operations. With the establishment of the National Law nº 12815/2013 (that approaches the direct and indirect exploitation of ports and port facilities by the Union and establishes the activities performed by port operators), Port Operators are now responsible for loading and unloading of liquid and solid bulk. These Operators are defined as prequalified legal entities to operate the movement of passengers and/or handling/storage of goods destined for or from water transport, within the organized port area.

Thus, as preconizes the abovementioned law, the Portos do Paraná now exerts the function of Port Authority in the organized port area. Portos do Paraná's main duties, as Port Authority, are: i) to comply with and enforce laws, regulations and concession agreements; ii) pre-qualify port operators; iii) supervise or carry out the construction, renovation, expansion, improvement and conservation of port facilities; iv) oversee the port operation, ensuring that activities are carried out with regularity, efficiency, safety and respect for the environment; v) authorize the traffic of vessels in the port, berthing and unblocking; suspending port operations that may impair port operations.

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Under this assignment, Portos do Paraná's Environmental Sector created the Regulation for Environment, Health and Occupational Safety as a management tool (Integrated Management System Regulation), seeking to establish rules for environmental control and occupational safety in the performance of port activities that may represent some risk to the environment and/or to workers' life and health.

The Portos do Paraná IMS Regulation establishes guidelines and minimum procedures for the development of activities/services that may generate risks to the environment and/or to port workers' life and health. Under this assumption, it was developed to ensure compliance with environmental and occupational safety Brazilian legislation, with the National Environmental Policy and to good practices regarding the environment and occupational safety. Through this Regulation, Portos do Paraná seeks to guide and consolidate better organization and interaction of internal and external audiences, as well as to allow the contribution of third parties to the development of a better environmental quality and safe working conditions at the port of Paranaguá, through suggestions for improvements in the IMS Regulation.

The IMS Regulation relates to five major work fronts established by the Portos do Paraná's IMS, as follows: Environmental Planning and Licensing, Environmental Monitoring, Environmental Education and Communication, Emergencies and Inspection and Occupational Health and Safety. Therefore, it applies to all individuals and companies that perform any activities and/or services developed in the port of Paranaguá area. The activities and services subject to Portos do Paraná's Regulation are described summarized below:

- Environment Section: comprises regulations for reverse logistics; painting services, painting scraping, cleaning and picking up of ship's shards; sampling, handling, analysis, transportation, warehousing and final destination of products; ship waste in the port area; phytosanitary treatments and pest control; ballast water management; port area cleaning procedures; equipment maintenance; environmental safety; integrated control and monitoring program of harmful synanthropic fauna; environmental emergency response and readiness services; cleaning of cars and vans in loading and unloading operations.
- Occupational Health and Safety Section: comprises rules for identifying of the

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company responsible for the port operation; use of personal protective equipment; fire-fighting equipment; handling and storage of liquid bulk; supply of hydrocarbons and derivatives, supply of oils and various chemicals (bulk or packaged); health measures; precaution measures related to: confined spaces, height working, work accidents; work permissions (risky activities).

The IMS Regulation of Portos do Paraná is a public document, in Portuguese, available for inquiry at the Portos do Paraná website (<http://www.portosdoparana.pr.gov.br>) through the following path: tab “Environment & Health and Safety”, tab “Rules and Procedures”, option: “Environment and Safety Procedures”.