

Curriculum

ENVIRONMENTAL MANAGEMENT

MODULE 1.

REGULATIONS AND INTERNAL POLICY ON ENVIRONMENTAL MANAGEMENT OF THE ORGANIZATION

DIDACTIC UNIT 1.

DETERMINATION OF THE ENVIRONMENTAL LEGISLATIVE FRAMEWORK.

1. Legislative framework.
2. International Environmental Policy
3. International Framework Legislation
4. Environmental Policy of the European Union
5. Legislative Framework for the Environment in the European Union
6. Environmental Policy of the Spanish State
7. Legislative Framework of the Environment in the Spanish State
8. Legal Regulation and Competences.
9. Environmental responsibility.

DIDACTIC UNIT 2.

DETERMINATION OF THE REGULATIONS OF THE ENVIRONMENTAL MANAGEMENT REGULATORY ENTITIES.

1. Analysis of the norm. Elaboration, revision. Mandatory.
2. Standards benefits
3. Regulatory entities
4. Sources of identification and location of standards
5. Differentiation of the types of environmental regulations.

DIDACTIC UNIT 3.

APPLICATION OF RELATED FILE TECHNIQUES WITH THE ENVIRONMENTAL MANAGEMENT SYSTEM.

1. Archival techniques.
2. IT tools for the management, distribution and filing of the legislation and regulations applicable to the organization.
3. Management and filing of legal and regulatory documentation applicable to the organization.

4. Identification procedure of legal and regulatory aspects applicable to the organization
5. Preparation of the evaluation report of legal and regulatory compliance in the organization
6. Review and update of legislation, regulations and aspects applicable to the organization.

DIDACTIC UNIT 4.

PREPARATION OF REPORTS AND DOCUMENTATION OF THE ENVIRONMENTAL MANAGEMENT SYSTEM.

1. Mandatory legal statements in the organization.
2. Internal reports of the environmental management system.

DIDACTIC UNIT 5.

CONTROL OF DOCUMENTS AND RECORDS OF THE ENVIRONMENTAL MANAGEMENT SYSTEM IN THE ORGANIZATION.

1. Determination of documentation needs in the organization.
2. Diagnosis of the documentation situation in the organization
3. Design of the documentary system.
4. Implementation of the documentary system
5. Maintenance and improvement of the documentary system.

MODULE 2.

ENVIRONMENTAL ASPECTS OF THE ORGANIZATION

TRAINING UNIT 1.

PREPARATION OF INVENTORIES OF POLLUTANT SPOTLIGHTS

DIDACTIC UNIT 1.

DETERMINATION OF ENVIRONMENTAL ASPECTS.

1. Definition and environmental principles.
2. Assessment of the environmental problems of the socio-economic environment
3. Terminology of Environmental Management Systems (EMS).

DIDACTIC UNIT 2.

POLLUTION INVENTORY ATMOSPHERIC.

1. Analysis of air pollutants.
2. Identification of main emission sources
3. Dispersion of pollutants. Diffusion models.
4. Determination of the main effects of pollution:
5. Identification and application of basic emission and immission sampling methods
6. Identification and application of methods of control and minimization of atmospheric pollution.
7. Analysis of the methods of recovery and regeneration of the natural resource
8. Application of health and safety standards and environmental protection in the analysis of said environmental aspect.

DIDACTIC UNIT 3.

INVENTORY RELATED TO NOISE POLLUTION.

1. Characteristics of noise and vibrations.
2. Identification of sources of noise and vibrations.
3. Determination of the main effects of noise pollution.
4. Identification and application of the acoustic map and sampling method.
5. Identification and application of methods of control and minimization of noise and vibrations.
6. Analysis of the methods of recovery and regeneration of the natural resource.
7. Application of health and safety standards and environmental protection in the analysis of said environmental aspect.

DIDACTIC UNIT 4.

INVENTORY RELATED TO LIGHT POLLUTION.

1. Characteristics of light.
2. Identification of light sources:
3. Determination of the main effects of light pollution.
4. Identification and application of sampling methods and light map
5. Identification and application of methods of control and minimization of light emissions and immissions.
6. Analysis of the methods of recovery and regeneration of the natural resource
7. Application of safety and health and environmental protection standards in the analysis of said environmental aspect.

DIDACTIC UNIT 5.
INVENTORY RELATED TO WASTE MANAGEMENT.

1. Characteristics, typology and composition of the waste.
2. Identification and analysis of waste generation processes
3. Identification and Application of waste management systems
4. Determination of the main effects of the abandonment, dumping, deposit or inadequate management of waste.
5. Analysis of the waste management system
6. Identification and application of waste control and minimization methods.
7. Analysis of the methods of recovery and regeneration of the natural environment
8. Application of health and safety standards and environmental protection in the analysis of said environmental aspect.

DIDACTIC UNIT 6.
INVENTORY OF DISCHARGE POINTS RELATED TO WATER CONTAMINATION.

1. Characteristics, typology and composition of water pollutants
- .2. Discharges: generation, typology and characteristics.
3. Study and identification of the discharge points of water pollution.
4. Determination of the main effects of pollution in waters
5. Identification and application of wastewater sampling method
6. Identification and application of spillage control and minimization methods.
7. Polluted water purification technology
8. Analysis of the methods of recovery and regeneration of the natural environment
9. Application of health and safety standards and environmental protection in the analysis of said environmental aspect.