

Waste
Management
Training



Waste Management Training Programme



Waste Management Training

Introduction

The Waste Management Training Programme has been developed by Environmental Training Solutions and is designed to meet the training and certification needs of Local Authority and private sector staff involved at all levels of waste management.

The programme is based on a series of six training modules, and assessment is an integral part of each module. These modular assessments, together with a 'site specific' competency assessment, comply with the standards approved by the Environmental Protection Agency as meeting the requirement for a 'trained and competent manager' to operate a licensed waste facility. It is recognized by the Environmental Protection Agency as a suitable alternative to the FAS Waste Management Training Programme.

Intended for

- Management at all levels involved in the operation of waste facilities and those with a primary responsibility for complying with EPA Waste Licensing requirements and conditions.
- Senior Managers, Engineers, Technicians and Supervisory staff involved in waste management in both the public and private sectors.

Delivery

The modular programme will be delivered by a team of professionally qualified tutors/facilitators who have extensive National and International experience in the field of waste management. The training will include practical and relevant case studies and will highlight developments and waste management practices from other countries. Specialist guest speakers from the industry and the regulatory authorities will contribute to the training and assessment programme.

A comprehensive training manual and relevant legislation accompany each module and contains the detailed information relating to the topic, together with a reading and reference list and a glossary of the technical language used.

Certification

A Certificate in Waste Management will be issued to participants who successfully complete the six Modules and associated assessments. A separate certificate will be issued for the site specific assessment based on the facility type for example waste transfer station, landfill, composting. This is in accordance with the Environmental Protection Agency's waste licensing requirements. A Certificate for the successful completion of Modules 1 and 2 can also be issued separately where required.

The Programme is recognized by the Chartered Institution of Wastes Management for Continuing Professional Development (CPD). Completion of each Module will provide two days towards the Institution's Graduate Structured Education and Training Programme or 14 hours of CPD.





Duration

The total duration of the programme is twelve days divided in two days blocks, and the 'site specific' competency assessment will require an additional day.

Modules

MODULE 1

POLICY & LEGISLATION - 2 days

- Background to policy and legislation
- European waste policy and legislation
- Irish National waste policy
- Waste Management Planning
- Waste Management Acts 1996-2016
- Litter Pollution Acts 1977-2009
- European Communities Act 1973
- Regulations under Waste Management Acts, European Communities Act and Litter Pollution Act
- Future trends in waste management and legislation

MODULE 2

REGULATION OF WASTE ACTIVITIES - 2 days

- Regulatory requirements
- Role of the regulatory authorities
- Licensing under the Waste Management Acts
- Waste Permits and Waste Collection Permits
- Producer responsibility regulations
- Monitoring and enforcement of legislation
- Penalties and prosecutions

MODULE 3

PREVENTION, RE-USE & RECYCLING - 2 days

- Waste minimisation and recycling
- Principles of Waste prevention, strategies and plans
- Re-use of waste
- Designing and implementing recycling schemes
- Marketing and sale of recyclates
- Recycling Techniques and Technologies
- Collection of waste for recycling

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Modules contd.

MODULE 4

BIOLOGICAL & THERMAL TREATMENTS - 2 days

- Biological treatment processes
- Biowaste management
- Requirements for Biowaste processing
- Home and on-site Composting
- Thermal treatment technologies
- Refuse derived fuel systems

MODULE 5

LANDFILL OPERATION & MANAGEMENT - 2 days

- Design and construction of landfill sites
- Landfill Site Management and Operation
- Landfill monitoring
- Leachate and Landfill Gas Management and Control
- Landfill site closure and aftercare
- Health, Safety and Welfare at waste management facilities

MODULE 6

FACILITY MANAGEMENT, COMPLIANCE & REPORTING - 2 days

- Licence, Permit and Certificate of Registration Conditions
- Facility Management
- Environmental Management Systems
- Emissions Control & Monitoring
- Annual reporting and record keeping
- Communications
- Emergency Preparedness & Responses
- Risk Assessments

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