



Malta Freeport Terminals Ltd.

WASTE MANAGEMENT PLAN



May 2020

Issue 11.1



1. BACKGROUND

Malta Freeport Terminals (MFT) is a premier transshipment hub having successfully operated for over 30 years within the Mediterranean containerisation market. MFT amalgamates the activities of container handling and industrial storage. The Company was privatised in 2004 and over Euro300 million were invested since its privatisation. MFT is handling a total throughput of over 2.72 million TEUs annually and serving 1,757 vessels annually.

MFT offers a total operational deep water quays of 2,463m, a total area for container storage of 771,000 square metres, a total of 15,297 container ground slots and 1,658 reefer slots. All the mainline berths at Malta Freeport Terminals have a water depth of 17 metres enabling Malta Freeport Terminals to be able to accommodate any containership presently afloat. MFT is equipped with 21 Quayside Cranes, 65 Rubber-Tyred Gantry Cranes and various ancillary yard equipment. MFT is fully equipped to handle 20,000 TEU containerships and larger simultaneously on both Terminals. The total current capacity of the Port is presently 3.8 million TEUs which will be further increased to over 4 million TEUs in the coming years.

MFT operates under an Environmental Permit no. EP 00033/09 issued by the Environment and Resource Authority.

The Terminal is registered as a:

1. Producer of Packing Waste registration number WMP 01282/07
2. Producer of Electrical and Electronic Equipment registration number WME/00398/15

2. PURPOSE

The waste management plan is a document which defines requirements for managing waste at MFT. Its general aim is to maintain a sustainable waste management system and to continuously improve its effectiveness.

MFT is committed to reduce as much as possible the amount of waste generated on its premises and will aim to reuse, recycle or recover the waste generated prior to disposal into landfills as far as reasonably practical.

The plan forms part of MFT's Environmental Policy and follows the National Plan on waste management: Waste Management Plan for the Maltese Islands, A Resource Management Approach 2014-2020, issued by the Ministry for Sustainable Development, The Environment and Climate Change in January 2014.

The waste management plan shall be reviewed periodically whenever required but at least once every four years in line with the renewal of MFT's Environmental Permit.



This Waste management Plan is applicable for

- Waste generated from the Engineering Department (including contractors), General Maintenance and Stores
- General waste generated from Terminal area, offices and canteen

The Terminal does not carry out any pre-treatment, processing or disposal of waste. Port reception facilities for ship generated waste are not provided directly by the Terminal and the collection, transfer and disposal of ship-generated waste is entirely co-ordinated and handled by the respective local shipping agent and their appointed authorised waste carriers in Malta.

The requirements for handling Ship Generated Waste are defined in a separate document titled "Waste Management Plan for Ship Generated Waste" which is attached in Appendix III in this document and can be accessed online on the Malta Freeport website : <http://www.snapadministration.com/snapdatafiles/files/freepport/635076856077867500.pdf>

4. RESPONSIBILITY

The QA-HSE Department is responsible for the overall development and upkeep of the plan. The contact person is QA-HSE Manager.

Department Managers are responsible to implement the plan and waste minimization measures in their respective areas, including contracted activities, and document this in their procedures and work instructions. They are responsible to co-operate with the QA-HSE Manager on all matters relating to environment, waste management and associated improvements.

Employees and contracted personnel are responsible to follow the requirements of the plan, any instructions issued by Management and to exercise good care for the environment by reducing waste in general.

Waste Carriers are responsible to abide with Waste Management (Activity Registration) Regulations LN106 of 2007.

5. LEGISLATION

Waste management regulation S.L.549.63 titled 'Waste Regulations' has been transposed from the European Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste and repealing Directives 75/739/EEC, 91/689/EEC and 2006/12/EC.

Other regulations which regulate the disposal of waste and are taken into consideration in MFT's waste management plan are:

- S.L.549.45 Waste Management (Activity Registration) Regulation
- S.L.549.43 Waste Management (Packaging and Packaging Waste) Regulations
- S.L.549.36 Waste Management (End of Life Vehicles) Regulations
- S.L. 549.89 Waste Management (Electrical and Electronic Equipment) Regulations

- S.L.549.54 Waste Management (Batteries and Accumulators) Regulations

Conditions for the handling of waste at Malta Freeport Terminals Ltd are also included in the Environmental Permit. Conditions are reproduced hereunder for ease of reference

- A list of registered waste carriers which can enter the premises is to be kept at the main gate.
- The Operator shall use BAT in the design, maintenance and operation of all facilities which are intended for the storage and handling of waste generated on site such that there are no releases to water or land during normal operation and that emissions to air and risk of accidental release to water or land are minimized.
- All wastes generated on site shall be stored within a designated and controlled storage area(s) prior to ultimate disposal. Wastes to be recycled shall be stored in a designed container or area and shall not be mixed with other wastes.
- The storage of Hazardous Waste generated on site should comply with the requirements of the Waste Management Regulations, 2011, as published per S.L. 549.63 or any other statutory provisions or regulations amending or replacing them.
- Liquid and hazardous wastes generated on site shall be stored in a labeled, closed container(s) within a designated and controlled storage area(s) prior to ultimate disposal. Wastes of different natures shall not be mixed in the same container.
- No storage of wastes is permitted for a period exceeding 12 months.
- Wastes entering the site for transshipment shall be stored in a sealed container, and covered by a Transfrontier Shipment permit. The container may only be opened by officials of the Department of Customs, under the supervision of ERA.

6.0 WASTE CATEGORIES

The types of waste generated from Terminal activities and the methods for storage, handling and disposal

Type	Waste Description	EWC Code	Origin	Storage/ Handling	Disposal
Organic	Waste generated from food remains	20 01 08	Canteen, various	Designated Skip	Collected Weekly by an authorised waste carrier
Paper	Paper generated from office areas are disposed of in cardboard boxes	19 12 01	Office areas	Designated Skip	Collected twice a month by an approved waste carrier for recycling
Carton	Carton derived from packaging material	15 01 01	Stores, ICT	Designated Skip	Collected twice a month by an approved waste carrier for recycling
Glass	Broken glass from maintenance activities and glass containers.	16 01 20	Engineering Workshop	Designated Skip	Collected periodically by an approved waste carrier
Plastic	Plastic derived from packaging material.	15 01 02	Engineering Workshop ICT	Designated Skip	Collected periodically by an authorised waste carrier for recovery.
Mixed recycled waste	Mixed Packaging	15 01 06	Offices and canteen	Designated Skjip	Collected weekl by an approved waste carrier
Electrical and electronic equipment	Electronic waste generated from IT equipment and Engineering Department	16 02 13*	ICT	Designated Skip	Collected periodically by an authorised waste carrier
Metal	Metal waste generated from various maintenance activities.	20 01 40	Engineering Workshop	Designated Container	Collected periodically by an authorised waste carrier
Wood	Wood derived from packaging material	15 01 03	Stores Engineering Workshop	Designated Container	For re-use or collected periodically by an authorised waste carrier

Type	Waste Description	EWC Code	Origin	Storage/ Handling	Disposal
Sewage	Sewage	20 03 06	a) Terminal b) Freeport Centre	a) Stored in cesspits b) Public Sewer	a. Collected periodically by approved waste carrier and disposed of at a WSC approved site. b. Permit no. DMU 6612
Lighting bulbs	Fluorescent tubes and other mercury-containing waste	20 01 21	Engineering Workshop	Designated Wheelie Bin	Collected periodically by an approved waste carrier
Batteries and Accumulators	Waste generated from various equipment	16 06 01*	Engineering Workshop and Subcontractors Workshop	Two bins provided by Approved Scheme provided for storage of used batteries in a Shed at the Waste Management Area	Collected periodically by the approved compliance scheme for export and recovery
Oily filters, gloves and rags	Contaminated clothing and filters generated from maintenance activities	15 02 02*	Engineering Workshop and Subcontractors Workshop	Designated close skip	Collected periodically by an approved waste carrier
Tyres	Waste generated from maintenance activities	16 01 03	Engineering Workshop and Subcontractors Workshop	Designated Container	Sold for re-use or collected periodically by an authorised waste carrier

Type	Waste Description	EWC Code	Origin	Storage/ Handling	Disposal
Waste oil	Fuel or Diesel generated from maintenance activities or from oil-water separator	13 07 01*	Engineering Workshop and Subcontractors Workshop	All used oil is to be transferred into the Waste Oil Tank situated in the Waste Management Area .	An authorized waste oil carrier is called in periodically to collect the waste oil from the tank for treatment, recycling or disposal
Oily Water	Waste water generated following rainy events from within fuel storage tanks bund	13 05 07*	Fuel Station	Bund Area	Collected periodically by an authorized waste carrier
Run-off from cleaning of equipment	Waste water deriving from maintenance washing activities.	13 05 07*	Maintenance area	Equipment is to be washed with an adequate supply of water in the designated washing area. Only approved cleaning agents and degreasers are to be used. The wash bay is equipped with an oil water separator.	Collected periodically by an authorized waste carrier.



Type	Waste Description	EWC Code	Origin	Storage/ Handling	Disposal
Used coolants, lubricants from engine services	Liquids used in engineering workshops and subcontractors workshops	13 07 03*	Engineering Workshop	Liquids are to be collected in service pit inside engineering workshop	An authorized waste carrier is called in periodically to collect the waste oil from the pit for treatment, recycling or disposal
Mixed garbage	Mixed waste	20 03 01	Equipment cabins and employee areas	Designated Skips	Collected weekly by an authorised waste collector
Road-Cleaning Waste	Waste collected from regular cleaning of terminal roads by sweeper	20 03 03	Terminal Roads	Designated Skip	Collected periodically by an authorized waste carrier

- **Construction Waste will be handled according to the waste management plan submitted with the relevant development permit.**

7.0 WASTE CARRIERS

Name(s) of registered Waste Carrier	General Binding Rule (GBR) Permit Number	Waste type(s) transported
DDE Attard	WM 009/06 / GBR 1333/11	Scrap metal, Tyres
Waste Oils Company Ltd	IP 0002/08	Waste oils or other fuels
Environmental Recycling Services	GBR 668/12	Sewage
NATS Ltd Malta	GBR 360/14 / GBR576/15	Mixed Garbage, Glass
Greenskips	WM004/07	Oil contaminated waste, Mixed Recycling Waste Material

The above list is subject to change and is only valid at time of issue of this WMP.

8.0 GENERAL CONDITIONS FOR STORAGE, HANDLING AND COLLECTION OF WASTE

8.1 Storage of waste

- a) Waste generated at MFT is to be separated at source via appropriate bins and when filled, these bins are to be emptied in the designated skip at the skips depot. There are two dedicated areas for skip depots: one at Malta Freeport Centre (MFC) and the other at the terminal (See Table 1)
- b) Contractors or other third parties working at MFT (such as but not limited to the ones listed below) are responsible to cart the waste generated from their activities outside MFT and to dispose of their waste according to regulations.
 - AC Contractors
 - Electrical contractors
 - IT contractors
 - Interior Building Contractors
 - Fire Fighting Contractors
- c) Waste generated from Terminal activities will be either collected in designated wheelie bins at source or dumped directly at the designed skip depot in appropriate skips.
- d) Storage of waste cannot exceed a period of 12 months. Two skip depots will be available at Malta Freeport Terminal and Malta Freeport Centre
- e) Skip depot at the Terminal will be found in a designated area and closely monitored by CCTV capable to cover a period of 1 week. Cameras footage should be able to be accessed by HSE personnel and General Services department.

8.2 Handling of waste

Malta Freeport Terminals Ltd.

Waste will be handled and disposed of in every department according to the housekeeping policy of the respective working area and as stipulated in the relevant procedures.

Reference Documents

Engineering Workshop housekeeping policy –GP6022

Handling of waste arising from maintenance activity –GP9730

Office area housekeeping policy- GP9702

8.3 Collection of waste

a) Only ERA registered waste carriers/waste brokers will be allowed to collect / empty these skips. Waste carriers can either be engaged on a period contract or on favourable commercial conditions at the time.

b) Waste Carriers are responsible to abide with Waste Management (Activity Registration) Regulations S.L. 549.45, LN 106 of 2007.

c) Registered carriers are required to fix an ERA registration tag on the left hand side of the vehicle's windscreen next to the License sticker issued by Transport Malta. Therefore trucks that call at the Freeport to collect waste from vessels, Engineering, canteen, Medserv etc can only enter if they have the registration tag fixed on their windscreen

8.4 Records

a) Waste collection contractors are to provide details of waste and cargo residues when exiting the Terminal at the Main Gate. A 'Waste Collection Record Sheet' is to be given to the Contractor by Security before entering the Terminal. The Contractor is to fill in the form and present it to Security at the gate before leaving the Terminal. Security personnel are to check that the form is filled correctly and is to write the 'Time Out' on the form. All records are to be kept at Security. The QA-HSE Department will collect the forms from Security on a monthly basis for monitoring and analysis purposes.

b) Waste carriers are responsible to produce Waste Consignment Notes for hazardous waste and to provide/ send copies to MFT.

8.5 Accidental Spillages

Any small leaks or spillages from waste material are to be cleaned up immediately with appropriate absorbent material.

The waste management area is equipped with a sump to collect any accidental spillage or leaks of hazardous waste.

Any accidental spillages that may give rise to land contamination will be handled in accordance to the Land Contamination Procedure – GP 9040.

9. EMERGENCY CONTACT DETAILS AND GENERAL INFORMATION

Malta Freeport Terminals Ltd.

All safety and environmental accidents, **emergencies**, close calls, spillages or unsafe situations should be promptly reported to the nearest Freeport Official or to the Security Office on **(+356) 2225 1604** who will respond immediately to any accident.

Other Malta Freeport Terminals Ltd. contacts

Duty Manager	+356 2225 2370
QA- HSE Manager	+356 2225 1151
HSE Officer	+356 2225 2202

A **health clinic** is located at the Terminal within 1km of all quays. The clinic is manned on a 24-hour basis. Requests for medical assistance can be made by calling **(+356) 2225 1604**

The Terminal operates a **24hr transport service** between the Pedestrian Gate and the Terminals. Transport can be called from any location within the Terminal by contacting the nearest Freeport official or by calling **(+356) 2225 2365**.

For more information refer to the Safety and environmental Rules and Regulations for Users of the Terminal found on the company website ; <http://www.maltafreeport.com.mt/content.aspx?id=324340>

10. REPORTING OF INADEQUACIES:

The HSE Officer Tel **2225 2202** is to be informed immediately of all inadequacies involving:

- a) Improper disposal of waste on the Terminal
- b) Lack of adequate facilities for storage / handling waste
- c) Leaks and spills from waste material

The HSE officer is to take action as applicable, investigate the incident and make recommendations for preventive action.

Reference Documents

Land or Sea Contamination Procedure –GP 9040

Container Leaking Hazardous Cargo Procedure – GP9015

11. Appendices

- I - Site Plan
- II - Waste Collection Record Sheet

Amendment history

Issue no.	Date	Description
3	20 th November 2007	Appendix IV – Contact details of Safety Officer amended.
4	3 rd May 2008	<ul style="list-style-type: none"> -Purpose amended to include reference to LN 290 of 2006 -Name of HSE Manager included -Contact details of MMA updated -Contacts for emergencies updated -Sewage included in Waste Collection Record Sheet -Procedure 9600 removed altogether and incorporated in the Waste Management Plan - included Packing Waste Regulation registration number and requirements.
6	30 th October 2008	<ul style="list-style-type: none"> - Purpose of the plan amended to focus also on waste generated from terminal activities - Included contact details of environment inspectors
7	10 th January 2010	-Addition of requirements for consignment note procedure
8	10 th March 2010	<ul style="list-style-type: none"> - Purpose amended to include requirements for waste storage. - Amended responsibilities section to include all departmental managers - Amended requirements section - Amended emergencies and contact number details
9	July 2014	<ul style="list-style-type: none"> -Plan emphasized more on waste separation for recovery or recycling uses. - Introduction of new designated skip depot - inclusion of waste carriers -inclusion of general waste management conditions from environment permit. - Plan is to be reviewed every 6 months - Added Emergency contact details - Added reporting of inadequacies - Added waste carriers with GBR no. - Responsibilities defined.



10	February 2016	<ul style="list-style-type: none">- Updated Background information- Section 6 included new Waste Category for oily water from fuel storage tank bund- Amended Waste Record Sheet
11	March 2018	<p>Amended Section 1 and section 6.0 to improve waste separation and disposal</p> <p>Section 5 - Updated Legislation reference</p> <p>Amendment of Waste Record Sheet</p> <p>Included The Waste Management Plan for Ship-Generated Waste as Appendix III in document</p>
11.	May 2020	Replaced introduction , cover photos



Appendix II
Waste Collection Sheet

Malta Freeport Terminals Ltd.
WASTE COLLECTION PERMIT

A - DETAILS OF WASTE CARRIER (to be filled by Security)			
Date _____		Company _____	
Time In _____		Vehicle Nr _____	
ERA License _____		License Exp Date _____	
Security No. _____			
B - WASTE GENERATED BY VESSEL (to be filled by Waste Carrier)			
NB : Large skip (5 m ³) Small skip (1 m ³)		Volume m ³	Name of final disposal location (eg. WasteServ, Ghallis, Waste Oils etc)
Plastic			
Domestic Waste (papers, cardboard, glass, metal, bottles, crockery)			
Operational Waste (solid wastes collected during normal operation or maintenance of ship)			
Cargo Residues (eg: Floating dunnage, lining or packing materials)			
Food waste			
Incinerator ash			
Waste Oil **			
On behalf of Waste Carrier (Name and surname) _____		Signature _____	
C - WASTE GENERATED BY FACILITY (to be filled by Waste Carrier)			
<input type="checkbox"/> Malta Freeport Terminals <input type="checkbox"/> Medserv <input type="checkbox"/> MFF <input type="checkbox"/> Tug Malta <input type="checkbox"/> Other (Pls specify) _____			
NB : Large skip (5 m ³) Small skip (1 m ³)		EWC Code	Volume m ³
Name of final disposal location (eg. WasteServ, Ghallis, Waste Oils etc)			
Sewage		20 03 06	
Electrical Waste **		16 02 13	
Mixed Garbage		20 03 01	
Mixed recycling		15 01 06	
Plastic (packaging)		15 01 02	
Wood (packaging)		15 01 03	
Cardboard (packaging)		15 01 01	
Paper (non- packaging)		20 01 01	
Metal		20 01 40	
Used oily rags, gloves, filters **		15 02 02	
Batteries **		16 06 01	
Tyres		16 01 03	
Fluorescent Tubes and other mercury containing waste **		20 01 21	
Other Fuel or Mixture **		13 07 03	
Waste Oil **		13 07 01	
Others:			
On behalf of Waste Carrier (Name and surname) _____		Signature _____	
D - To be filled by Security			
Time Out _____		Security no. _____	
Signature (Security) _____			

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