



WASTE MANAGEMENT PLAN

Doküman No: Document No:	PL - 12	Yayın Tarihi: Publish Date:	27.12.2024	Revizyon No: Revision No:	00	Rev. Tarihi: Rev. Date:	
-----------------------------	---------	--------------------------------	------------	------------------------------	----	----------------------------	--

NSS FELINTO PERRY WASTE MANAGEMENT PLAN

REVISION NUMBER: 03

DATE:29.04.2025

Responsible: Gülser ÇINAR / Environmental Engineer



WASTE MANAGEMENT PLAN

Doküman No: Document No:	PL - 12	Yayın Tarihi: Publish Date:	27.12.2024	Revizyon No: Revision No:	00	Rev. Tarihi: Rev. Date:	
-----------------------------	---------	--------------------------------	------------	------------------------------	----	----------------------------	--

- PROJECT TITLE:** NSS Felinto Perry
- SITE LOCATION:** Blade Maritime Ship Recycling Yard
- NATURE OF PROJECT:** Exported Wastes with NSS Felinto Perry, Operational Wastes Generated from Recycling Process of NSS Felinto Perry
- SUPPLIED INFORMATION**

- Asbestos survey has been carried out. According to INCOMAR IHM report, Asbestos is not Found.
- Ground investigation has not been performed. Investigation report will be supplied by SRAT after arrival of the vessel.
- Contract period (starting in [/ /])
- Ample/ Limited space on site for storage and segregation of materials

Designated storage area: Yards Temporary Storage Area

Marked on board: Not yet.

5. PROJECT AIM

At Blade Maritime, we are committed to abide by the Company Environmental Policy / implement the Site environmental plan and national/international regulations which we are responsible so that the Works are effective, accurate and economical.

6. MANAGEMENT

The Environmental Engineer is environmental co-ordinator of the project and as such is responsible for instructing workers, overseeing and documenting results of the **SWMP**. The Environmental Department will monitor the effectiveness and accuracy of the documentation during the operation on site.

	Name	Position	Contact	Detail
	Gülser ÇINAR	Environmental Engineer		
	-	Client Representative (if applicable)		
	İlker GÜNBAY	Yard manager		
	Hüseyin Nazlı	Waste Storage Area Coordinator		
	Armağan Sevgi	Environmental Team Leader		



WASTE MANAGEMENT PLAN

Doküman No:
Document No:

PL - 12

Yayın Tarihi:
Publish Date:

27.12.2024

Revizyon No:
Revision No:

00

Rev. Tarihi:
Rev. Date:

7. DISTRIBUTION

The yard shall distribute copies of this plan to Client, Site Manager and each Subcontractor. This will be undertaken every time the plan is updated.

8. INSTRUCTION AND TRAINING

The Yard will provide on site instruction of appropriate separation, handling, recycling, reuse and return methods to be used by all parties at all appropriate stages of the progress of the Works on site.

9. WASTE MANAGEMENT ON SITE

Surplus or waste materials arise from either the materials imported to site or from those generated on site. Imported materials are those, which are brought within the project for inclusion into the recycling works. Generated materials are those, which exist on the project such as contaminated clothes, contaminated soil, oils and materials from demolition works, etc.

• DISPOSAL METHODS

- D1 Landfill below or above ground (e.g. sanitary landfill and similar)
- D2 Land reclamation (e.g. biodegradation of liquid or sludge waste in soil, etc.)
- D3 Deep injection (e.g. injection of pumpable waste into wells, salt rocks or naturally occurring cavities, etc.)
- D4 Surface filling (e.g. filling of liquid or sludge waste into trenches, ponds, lagoons, etc.)
- D5 Landfill requiring specialized engineering (cellular storage and similar, isolated from the environment and each separately isolated and covered)
- D6 Discharge into a body of water other than sea/ocean
- D7 Discharge to sea/oceans including seabeds
- D8 Biological processes not described elsewhere in this Annex which result in the formation of final compounds or mixtures excreted by any of the processes listed in D1 to D7 and D9 to D12
- D9 Physical-chemical processes (e.g., evaporation, drying, calcination, and the like) that result in the formation of final compounds or mixtures that are excreted by any of the processes given in D1 to D8 and D10 to D12
- D10 Incineration (Onshore)
- D11 Incineration (Offshore)
- D12 Permanent storage (placement of containers in a mine and similar)
- D13 Blending or mixing before subjecting to any of the operations specified in D1 to D12
- D14 Repackaging before being subjected to any of the operations specified in D1 to D13



WASTE MANAGEMENT PLAN

Doküman No:
Document No:

PL - 12

Yayın Tarihi:
Publish Date:

27.12.2024

Revizyon No:
Revision No:

00

Rev. Tarihi:
Rev. Date:

- D15 Storage until subjected to any of the treatments specified in D1 to D14 (temporary storage within the area where the waste was generated, excluding collection)

• RECOVERY METHODS

- R1 Use as a primary fuel or in other ways for energy production
- R2 Solvent reclamation/reproduction
- R3 Reclamation/recycling of organic materials not used as solvents (including composting and other biological conversion processes)
- R4 Reclamation/recycling of metals and metal compounds
- R5 Reclamation/recycling of other inorganic materials
- R6 Reproduction of acids or bases
- R7 Recovery of parts (components) used for pollution reduction
- R8 Recovery of catalyst parts (components)
- R9 Re-refining or other reuse of oils
- R10 Land reclamation resulting in ecological improvement or for the benefit of agriculture
- R11 Use of waste from processes R1 to R10
- R12 Exchange of wastes to be subjected to any of the treatments in R1 to R11
- R13 Interim storage of wastes until they are subjected to any of the treatments specified in R1 to R12 (temporary storage within the area where the waste was generated, excluding collection)

10. FORECAST QUANTITY OF POTENTIAL HAZARDOUS WASTE ON SITE

	Name of Equipment and Machinery	Location	Materials	Parts of use	Approximate Quantity	Method (Recycle / Dispose)
1	Refrigeration pipe	A deck/AC room	Asbestos	Packing	6 kg	D-5
2	Compressed air pipe	Engine Room	Asbestos	Flange gasket	60 kg	D-5
3	Lifeboat batteries	A deck	Lead and Lead Compounds	Battery Internals	60 kg	R-4
4	General use batteries	Shelter Deck/Battery room	Lead and Lead Compounds	Battery Internals	440 kg	R-4
5	Refrigeration plant	A deck/AC room	ODS	Refrigerant	50 kg	D-10
6	ECR air conditioner unit	Main Deck/Engine control room	ODS	Refrigerant	20 kg	D-10



WASTE MANAGEMENT PLAN

Doküman No: Document No:	PL - 12	Yayın Tarihi: Publish Date:	27.12.2024	Revizyon No: Revision No:	00	Rev. Tarihi: Rev. Date:	
-----------------------------	---------	--------------------------------	------------	------------------------------	----	----------------------------	--

7	Provision compressor	Engine room	ODS	Refrigerant	20 kg	D-10
8	Liquide Waste	Throughout the vessel	Oil	Oil	2000 kg	R-1

11. FORECAST QUANTITY OF POTENTIAL NON-HAZARDOUS WASTE ON SITE

	Materials	Location	Parts of use	Approximate Quantity	Method (Recycle / Dispose)	Codes
1	Rock wool	Throughout the vessel	Insulation	10000 kg	D5	17 06 04
2	Wooden Materials	Throughout the vessel	Ground Covers, Various Equipment	40000 kg	D5	17 02 04
3	Glass	Throughout the vessel	Window, Door Various Equipment	20000 kg	R5	20 01 02
4	Textiles	Throughout the vessel	Curtains, coveralls, Various Equipment	10000 kg	R3, R4, R5 (Applicable Option)	20 01 11
5	Plastic	Throughout the vessel	Covers, cans, bags, bins, Various Equipment	10000 kg	R1,R5 (Applicable Option)	20 01 39
6	Paper	Throughout the vessel	Gazette, Vessel Archive Documents, Various Equipment	1500 kg	R3	20 01 01
7	Furniture	Throughout the vessel	Various Equipment	15000 kg	R1, R3, R4 (Applicable Option)	20 03 07
8	Ceramic/Concrete	Throughout the vessel	Ground filling materials, Various Equipment	30000 kg	D5	17 01 07
9	Organic Waste	Kitchen, Dining room, Cellar	Food	500 kg	R3, D8, D9 (Applicable Option)	20 01 08
10	Ferrous metal	Throughout the vessel	Construction part	3100000 kg	R4	16 01 17
11	Oil Filters	Throughout the vessel	Machine part	250 kg	D9	16 01 07
12	Non-ferrous metal	Throughout the vessel	Construction part	10000 kg	R4	16 01 18



WASTE MANAGEMENT PLAN

Doküman No:
Document No:

PL - 12

Yayın Tarihi:
Publish Date:

27.12.2024

Revizyon No:
Revision No:

00

Rev. Tarihi:
Rev. Date:

12. WASTE MINIMISATION

The Company has from a very early stage, looked at how it can minimise the waste produced, thereby reducing the amount of waste to be removed from the Site. Trade Contractors, Design Team and Suppliers are all being encouraged to look at ways to minimise the amount of waste produced at the work face. Up to date actions are recorded in the table below:

Action	Responsibility	Date Action Commenced
Asbestos removal will be performed under Asbestos removal expert's supervision.	Environmental Engineer – 3. Party expert	After arrival
Environmental teams will be trained for wastes that identified in the vessel.	Environmental Engineer	After arrival

All of the above act to reduce the amount of waste and surplus materials, which traditionally would be sent to landfill/recycle. We are continually identifying waste minimisation actions and these will be updated in the above table.

13. SEGREGATION

A specific area will be laid out and labelled to facilitate the separation of materials for potential recycling, salvage, reuse and return. Recycling and waste bins, skips are to be kept clean and clearly marked in order to avoid contamination of materials. If the skips are clearly identified the bulk of the workforce will deposit the correct materials into the correct skip. Skips for segregation of waste identified currently are:

- Battery
- Empty/Pressurized Vessel
- Paint
- Electronic wastes



WASTE MANAGEMENT PLAN

Doküman No:
Document No:

PL - 12

Yayın Tarihi:
Publish Date:

27.12.2024

Revizyon No:
Revision No:

00

Rev. Tarihi:
Rev. Date:

- Wood
- Paper
- Metals
- Organic waste

As works progress come to site other skips will be placed to enable certain waste to be removed from site.

14. MANAGEMENT

Disposal of Waste

All surplus or waste materials fall into three categories for management, these are:

- ◆ Re-used
- ◆ Recycled
- ◆ Dispose

a. Re-used

If surplus materials can be used in the permanent works they are classified as materials, which have been **re-used**. If they are surplus to requirements and need to be removed from site and they can be removed and used in their present form, they can be removed from site for **re-use**.

b. Recycling

If the surplus material cannot be re-used in its present form but could be used in a different form, it is sent for **recycling** such as 50x50 timber to make chipboard.

c. Dispose

If either of the above cannot be satisfied then the only option left is to send the surplus materials to **dispose**.

15. WASTE MANAGEMENT

Date	Imported Material			Generated Material			Site Material		
	Reuse	Recycle	Dispose	Reuse	Recycle	Dispose	Reuse	Recycle	Dispose

* After beginning of the recycling process, This part will be filled by Environmental Engineer.



WASTE MANAGEMENT PLAN

Doküman No: Document No:	PL - 12	Yayın Tarihi: Publish Date:	27.12.2024	Revizyon No: Revision No:	00	Rev. Tarihi: Rev. Date:	
-----------------------------	---------	--------------------------------	------------	------------------------------	----	----------------------------	--

16. WASTE ROUTES

BLADE MARITIME WASTE ROUTES

Code	Waste Description	Licensed Facility	Facility Information	Method	License no / Valid Date
1 08 01 11	Waste paints and varnishes containing organic solvents or other hazardous substances	Süreko/KULA	Esenyalı Köyü Yolu Üzeri Sandal Bld. Manisa tel: 0(236)8421010 fax: 0(236)8421030	R-1 R-12* If it can be recycled	58003700-150/E.3034 11.09.2029
2 13 02 08	Other engine, transmission, and lubricating oils	Tayraş/BİLECİK	Selimiye köyü Tayraş Yolu Sokak No:18 11500 Osmaneli/BİLECİK	R-13 R1 to R12 Any of the enumerated operations up to storage of wastes waiting for one (temporary storage, waiting to be collected, except at the site where it was produced)	58003700-150/E.1974 27.12.2026
3 13 07 03	Other fuels (mixtures included)	Çimentaş/İZMİR	Egemenlik Mah. Eski Kemalpaşa Cd. No4B Işikkent/Bornova /İZMİR Email:izmir@cimentas.com.tr	R-1 Its use as a primary fuel for energy production or in other ways	46794755-150/E.10424 12.07.2028
4 14 06 01	Chlorofluorocarbons, HCFC, HFC	İZAYDAŞ	AliKahya Atatürk Mah. Çarşıbaşı Cd. No:350 Kocaeli tel:2623166000 fax:2623166050	R-1 Its use as a primary fuel for energy production or in other ways	58003700-150/E.2438 - 18.08.2028
5 15 01 10	Packaging containing hazardous waste or contaminated with hazardous substances	Süreko/KULA	Esenyalı Köyü Yolu Üzeri Sandal Bld. Manisa tel: 0(236)8421010 fax: 0(236)8421030	D-5 Landfill	58003700-150/E.3034 11.09.2029



WASTE MANAGEMENT PLAN

Doküman No: Document No:	PL - 12	Yayın Tarihi: Publish Date:	27.12.2024	Revizyon No: Revision No:	00	Rev. Tarihi: Rev. Date:	
-----------------------------	---------	--------------------------------	------------	------------------------------	----	----------------------------	--

6	15 01 11	Dangerous, including empty pressure containers metallic packaging containing porous solid structure (e.g. asbestos)	Süreko/KULA	Esenyalı Köyü Yolu Üzeri Sandal Bld. Manisa tel: 0(236)8421010 fax: 0(236)8421030	D-5 Landfill	58003700-150/E.3034 11.09.2029
7	15 02 02	Absorbents contaminated with hazardous substances, filter media (grease filters if not otherwise defined), cleaning cloths, protective clothing	Süreko/KULA	Esenyalı Köyü Yolu Üzeri Sandal Bld. Manisa tel: 0(236)8421010 fax: 0(236)8421030	R-12 ATY Waste exchange to be sent to any operation numbered R-1 to R11	58003700-150/E.3034 11.09.2029
8	16 01 03	End of Life Tires	LASDER	Lastik Sanayicileri Derneği İnönü Caddesi, Mercan Sokak, STFA Blokları, B8 Blok, Daire 6-7 34736 Kozyatağı – Kadıköy – İSTANBUL	R-1 and R-12* If it can be recycled	It is authorized by the Official Gazette No. 26357. The authorization certificate is available in the licenses section.
9	16 02 15	From discarded equipment Hazardous parts removed	Süreko/KULA	Esenyalı Köyü Yolu Üzeri Sandal Bld. Manisa tel: 0(236)8421010 fax: 0(236)8421030	R-13 From R1 to R12 storage of waste pending any of the enumerated operations (temporary storage, collection waiting, at the site where it was produced)	58003700-150/E.3034 11.09.2029
			Exitcom A.Ş. & TAP	Çepni Mah. Suadiye Cd. No.:40, 41250 Kartepe / Kocaeli	R-12 Waste exchange to be sent to any operation numbered R-1 to R11	58003700-150/E.3095 - 02.08.2029
10	16 03 03	Inorganic wastes containing hazardous substances	Süreko/KULA	Esenyalı Köyü Yolu Üzeri Sandal Bld. Manisa tel: 0(236)8421010 fax: 0(236)8421030	R-1 Its use as a primary fuel for energy production or in other ways	58003700-150/E.3034 11.09.2029



WASTE MANAGEMENT PLAN

Doküman No: Document No:	PL - 12	Yayın Tarihi: Publish Date:	27.12.2024	Revizyon No: Revision No:	00	Rev. Tarihi: Rev. Date:	
-----------------------------	---------	--------------------------------	------------	------------------------------	----	----------------------------	--

11	16 05 08	Discarded organic chemicals containing or consisting of hazardous substances	İZAYDAŞ	AliKahya Atatürk Mah. Çarşıbaşı Cd. No:350 Kocaeli tel:2623166000 fax:2623166050	R-1 Its use as a primary fuel for energy production or in other ways	58003700-150/E.2438 - 18.08.2028
12	16 06 01	Leaded batteries and accumulators	Yiğit Akü	Samurlu, yigit akü, 1256. Sk. 12 D, 35800 Aliğa/İzmir	R-4 Reclamation/recycling of metals and metal compounds	347 - 31.12.2024
13	16 06 02	Nickel cadmium batteries	Exitcom A.Ş. & TAP	Çepni Mah. Suadiye Cd. No.:40, 41250 Kartepe / Kocaeli	R-4 Reclamation/recycling of metals and metal compounds	58003700- 150/E.3095- 02.08.2029
14	16 06 04	Alkali Pills (16 06 03 except)				
15	17 04 10	Cables Containing Oil, Tar, and Other Hazardous Materials	Niğsa Metal	Gemi Söküm Bölgesi No:31 Aliğa/İZMİR	R-4 Reclamation/recycling of metals and metal compounds	58003700-150/E.1584 15.02.2027
16	17 05 03	Soil and stones containing hazardous substances	Süreko/KULA	Esenyalı Köyü Yolu Üzeri Sandal Bld. Manisa tel: 0(236)8421010 fax: 0(236)8421030	D-5 Landfill	58003700- 150/E.3034 11.09.2029
17	17 06 01	Asbestos-containing Insulation Materials	Süreko/KULA	Esenyalı Köyü Yolu Üzeri Sandal Bld. Manisa tel: 0(236)8421010 fax: 0(236)8421030	D-5 Landfill	58003700- 150/E.3034 11.09.2029
18	18 01 01	Cutters (except 18 01 03)	Miroğlu A.Ş.	Atatürk Mh.Horozköy Mah Bahçe Mevkii No38 Merkez/MANISA	D-9 Sterilization	283960446.0.1 06.11.2025
19	18 01 03	Wastes whose collection and disposal are subject to special treatment in order to prevent infection	Miroğlu A.Ş.	Atatürk Mh.Horozköy Mah Bahçe Mevkii No38 Merkez/MANISA	D-9 Sterilizasyon	283960446.0.1 06.11.2025



WASTE MANAGEMENT PLAN

Doküman No: Document No:	PL - 12	Yayın Tarihi: Publish Date:	27.12.2024	Revizyon No: Revision No:	00	Rev. Tarihi: Rev. Date:	
-----------------------------	---------	--------------------------------	------------	------------------------------	----	----------------------------	--

20	18 01 09	Medicines other than 18 01 08	İZAYDAŞ	AliKahya Atatürk Mah. Çarşıbaşı Cd. No:350 Kocaeli tel:2623166000 fax:2623166050	R13 Numbered from R1 to R12 storage of waste pending any of the operations (temporary storage, Collection waiting, in the field where it is produced except)	58003700-150/E.2438 - 18.08.2028
	19 12 11	Other wastes containing hazardous substances resulting from mechanical processing of waste (including mixed materials)	Süreko/KULA	Esenyalı Köyü Yolu Üzeri Sandal Bld. Manisa tel: 0(236)8421010 fax: 0(236)8421031	D-5 Landfill	58003700- 150/E.3034 11.09.2029
22	20 01 01	Paper	Aliğa Belediyesi	Aliğa/İZMİR	R-12 Exchange of wastes for submission to any operations numbered R-1 to R11	
23	20 01 02	Glass				
24	20 01 39	Plastic				
25	20 01 40	Metals				
26	20 01 36	20, 01, 21, 20, 01, 23 and 20, 01, 35 Scrap electric and Electronic Equipments	Exitcom A.Ş. & TAP	Çepni Mah. Suadiye Cd. No.:40, 41250 Kartepe / Kocaeli	R-4 Reclamation/recycling of metals and metal compounds	58003700-150/E.3095- 02.08.2029
27	20 01 21	Fluorescent lamps and other mercury-containing waste	Süreko/KULA	Esenyalı Köyü Yolu Üzeri Sandal Bld. Manisa tel: 0(236)8421010 fax: 0(236)8421030	R-12 FromR1 to R11 Waste exchange to be sent to any numbered operation	58003700- 150/E.3034 11.09.2029
			İzmir Çevre Geri Dönüşüm	Evka 3 Mah. 129/27 Sokak No:1 Çelikköy 1 Sitesi, BORNOVA/İZMİR	R-12 FromR1 to R11 Waste exchange to be sent to any numbered operation	58003700-150/E.3750 08.07.2025

28	16 01	6 01 end-of-life vehicles from different means of transport (including off-road machinery) and wastes from dismantling of end-of-life vehicles and vehicle maintenance	Süreko/KULA	Esenyalı Köyü Yolu Üzeri Sandal Bld. Manisa tel: 0(236)8421010 fax: 0(236)8421030	R-13 From R1 to R12 storage of waste pending any of the enumerated operations (temporary storage, collection waiting, at the site where it was produced)	58003700- 150/E.3034 11.09.2029
----	-------	--	-------------	--	---	---------------------------------------

	WASTE MANAGEMENT PLAN						
	Doküman No: Document No:	PL - 12	Yayın Tarihi: Publish Date:	27.12.2024	Revizyon No: Revision No:	00	Rev. Tarihi: Rev. Date:

17. MONITORING

The Yard will fill in a weekly log of all materials that come on to site, and we will receive a printed sheet from the waste disposal company of the exact amount of waste materials removed from site. This sheet from the disposal company also identifies how much materials went to disposal and how much went for recycling.

The skips need to be monitored to ensure that contamination of segregated skips does not occur. Therefore we will hold tool box talks on how the waste management system is working and point out that an uncontaminated skip for recycling has a cost but should it get contaminated then it has to go to landfill at an increased cost per skip. We will continually review the type of surplus materials being produced and change the site set up to maximise on re-use or recycling and the use of landfill will be the last option. This plan will be included as an agenda item at the weekly meetings. In addition, the plan will be communicated to the whole project team (including the client) at the monthly meetings. This will include any updates from the last version.

The plan will also be analysed during environmental audits and they will be responsible for transferring any best practice and solutions throughout the company. The Environmental Coordinator will also visit the waste transfer facilities to ensure that we are effectively discharging our 'duty of care'. They will also periodically follow waste transfer vehicles to their final point of disposal to monitor compliance.

18. ANNEXES

- * INCOMAR IHM REPORT (Rev01-Issued 14 June2024)
- * BLADE SRFP (Rev10 – Published 11 June 2024)

Name-Date-Signed	Name-Date-Signed	Name-Date-Signed	Name-Date-Signed