

Recommended Documentation for Delivery and Transport of Hazardous and Radioactive Waste

Page 2: G-OMO - Guidelines for Offshore Marine Operations

Page 3: Example of filled in declaration form for hazardous and radioactive waste

Page 4: Example of multimodal dangerous goods form for transport of dangerous goods

Source - figure 1: Guidelines for Offshore Marine Operations (GOMO)

Source - figure 2: Based on example from avfallsdeklarering.no

Source - figure 3: www.imo.org

GOMO APPENDIX 10 - F CARRIAGE OF OIL CONTAMINATED CARGOES ON OFFSHORE SUPPORT VESSELS ANNEX 10 - F - 2 (ANALYSIS FORM)

TO BE COMPLETED AND PROVIDED TO OSV MASTER <u>PRIOR</u> TO BACK LOADING				
Sample Description		Sample Reference		
Vessel		Date		
Offshore Asset		Producer		
Well Name & Number		Waste Company		
Total Number of Barrels		Waste Note Number		
WASTE COMPONENTS				
Component Name	Concentration	Units	MSDS Available	
		% Volume		
		% Volume		
		% Volume		
		% Volume		
		% Volume		
		% Volume		
		% Volume		
		% Volume		
LABORATORY ANALYSIS RESULTS				
Test	Method	Units	Results	Range of Results / Guidance
Salinity (Chloride)	Titration	mg / l		
Flash Point	Closed Cup Flashpoint	°C		Must be >60°C to backload If flashpoint is low (<70°C) then explanation should be provided
Gas Test (H ₂ S)	Gas Meter	ppm		Must be zero Indication of bacterial activity
Gas Test (LEL)		%		<25%, ideally zero. Meter alarm typically set to 10 - 20% LEL. Should be consistent with flashpoint
Gas Test (Oxygen)		%		
pH	pH Meter			4 - 11 is acceptable range for OSV tank coatings. MUST be 9.5 - 10.5 to keep any H ₂ S in solution
Water	Retort	% Volume		
Oil Content	Retort	% Volume		Confirm retort report agrees with Appendix 10 - F, Section 4 components and waste consignment note.
Solids	Retort	% Volume		Confirm retort report agrees with Appendix 10 - F, Section 4 components and waste consignment note.
Bulk Specific Gravity		S.G.		<2.5 If >2.5 seek further guidance on vessel capability
Appearance				
Odour				
Date and Time of Analysis				
CONCLUSIONS				
1.				
Analysis to be conducted by person competent to do so				Comments (Yes / No / Details)
This liquid has been analysed as per GOMO Appendix 10 - F and it is my opinion that it is safe for carriage in a standard clean OSV bulk tank				
This liquid has been analysed as per GOMO Appendix 10 - F and will be loaded into a tank with residues / existing cargo. Compatibility has been risk assessed and found to be safe for carriage.				
H ₂ S Avoidance				
Details of mandatory wet bulk waste treatment with biocide (chemical / quantity)				
Details of wet bulk waste treatment in order to produce pH of between 9.5 and 10.5 (chemical / quantity)				
Has waste handling facility been informed of volume and ETA onshore? (Yes / No)				
Does the waste handling facility have the capability to take off the waste at the first port call (Yes / No)				
	Name	Signature	Date	
Analyst				
Operations Representative				

[AVFALLSDEKLARERING.NO](#)

Opppre som: Mottak Produsent

Velg produsent:

123456789 – Operators licence (PL.nr) ▼

BESKRIVELSE AV AVFALLET
TRANSPORTKLASSIFISERING
AVFALLSMOTTAK OG TRANSPORTØR
OPPSUMMERING OG INNSEENDING

Deklarasjonsnummer

Annen referanse

ENDRE

Produsent

Navn

Kontaktperson ? *

ENDRE

Waste

Norwegian Waste code

EWL-code

Sub-chapter in EWL

Origin

Amount

Properties

Describe the composition of the waste as thoroughly as possible. Hazardous substances to be specified.

Waste from: Installation name
Field/well:
Containernr:
Manifestnr:

Type of packaging

EDIT

Type of classification

Further information

EDIT

Waste reception facility

Waste reception facility

Transporter

EDIT

Attachments

Attached documents

EDIT

Deklarasjonen er korrekt utfyllt, og kan sendes inn med knappen [Signer og send deklarasjon] nedenfor

PRINT DECLARATION
◀ PREVIOUS PAGE
SAVE AND RETURN TO THE WORK SURFACE
SIGN AND SUBMIT DECLARATION

MULTIMODAL DANGEROUS GOODS FORM

This form may be used as a dangerous goods declaration as it meets the requirements of SOLAS 74, chapter VII, regulation 4; MARPOL 73/78, Annex III, regulation 4

1 Shipper/Consignor/Sender		2 Transport document number			
		3 Page 1 of	Pages	4 Shipper's reference	
		5 Freight Forwarder's reference			
6 Consignee		7 Carrier (to be completed by the carrier)			
		SHIPPER'S DECLARATION I hereby declare that the contents of this consignment are fully and accurately described below by the Proper Shipping Name, and are classified, packaged, marked and labelled/placarded and are in all respects in proper condition for transport according to the applicable international and national governmental regulations.			
8 This shipment is within the limitations prescribed for: (Delete non-applicable)		9 Additional handling information			
PASSENGER AND CARGO AIRCRAFT	CARGO AIRCRAFT ONLY				
10 Vessel/flight no. and date	11 Port/place of loading				
14 Shipping marks *Number and kind of packages; description of goods Gross mass (kg) Net mass (kg) Cube (m ³)					
15 Container identification No./ vehicle registration No.	16 Seal number(s)	17 Container/vehicle size & type	18 Tare mass (kg)	19 Total gross mass (including tare) (kg)	
CONTAINER/VEHICLE PACKING CERTIFICATE I hereby declare that the goods described above have been packed/ loaded into the container/vehicle identified above in accordance with the applicable provisions. † MUST BE COMPLETED AND SIGNED FOR ALL CONTAINER/VEHICLE LOADS BY PERSON RESPONSIBLE FOR PACKING/LOADING.		21 RECEIVING ORGANISATION RECEIPT Received the above number of packages/containers/trailers in apparent good order and condition unless stated hereon: RECEIVING ORGANISATION REMARKS:			
20 Name of company	Haulier's name		22 Name of company (OF SHIPPER PREPARING THIS NOTE)		
Name/Status of declarant	Vehicle reg. no.		Name/status of declarant		
Place and date	Signature and date		Place and date		
Signature of declarant	DRIVER'S SIGNATURE		Signature of declarant		

***DANGEROUS GOODS**

You must specify: Proper Shipping Name, hazard class, UN No., packing group, (where assigned) marine pollutant and observe the mandatory requirements under applicable national and international governmental regulations. For the purposes of the IMDG Code see 5.4.1.4

†For the purposes of the IMDG Code, see 5.4.2

Documentary Aspects of the International Transport of Dangerous Goods

Container/Vehicle Packing Certificate

The signature given overleaf in Box 20 must be that of the person controlling the container/vehicle operation.

It is certified that:

The container/vehicle was clean, dry and apparently fit to receive the goods.

If the consignments include goods of class 1, other than division 1.4, the container is structurally serviceable.

No incompatible goods have been packed into the container/vehicle unless specially authorised by the Competent Authority.

All packages have been externally inspected for damage and only sound packages packed.

Drums have been stowed in an upright position, unless otherwise authorised by the Competent Authority.

All packages have been properly packed and secured in the container/vehicle.

When materials are transported in bulk packagings the cargo has been evenly distributed in the container/vehicle.

The packages and the container/vehicle have been properly marked, labelled and placarded. Any irrelevant mark, labels and placards have been removed.

When solid carbon dioxide (CO₂ - dry ice) is used for cooling purposes, the vehicle or freight container is externally marked or labelled in a conspicuous place, e.g. at the door end, with the words: DANGEROUS CO₂ GAS (DRY ICE) INSIDE - VENTILATE THOROUGHLY BEFORE ENTERING.

When this Dangerous Goods Form is used as a container/vehicle packing certificate only, not a combined document, a dangerous goods declaration signed by the shipper or supplier must have been issued/received to cover each dangerous goods consignment packed in the container.

Note: The container packing certificate is not required for tanks

1 Shipper/Consignor/Sender	2 Transport document number		
	3 Page	of	Pages
	4 Shipper's reference		5 Freight Forwarder's reference
14 Shipping marks * Number and kind of packages; description of goods			
		Gross mass (kg)	Net mass (kg)
Cube (m ³)			