

# Technical Guidelines on Lubricants & Petroleum Wastes Transport Activity



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**Waste Strategy and Projects Department  
Dubai Municipality**

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## LIST OF ABBREVIATIONS AND DEFINITIONS

DET	Department of Economy & Tourism
DM	Dubai Municipality
HWTV	Permit Hazardous Waste Transport Vehicle Permit
JA-HWTF	Jebel Ali – Hazardous Waste Treatment Facility
NOC	No Objection Certificate
PPE	Personal Protective Equipment
RTA	Roads and Transport Authority
WSPD	Waste Strategy and Project Department
WTS	Waste Treatment Section
RASID	Dubai Municipality has introduced the RASID waste management monitoring system to regulate operations of registered waste management companies by streamlining and monitoring waste management transportation and associated activities – from collection through transit and till disposal, from analysis review to end-user solutions and by controlling illegal and unauthorized dumping practices.
Hazardous waste	Is a waste or mixture of wastes containing one or more properties of a hazardous substance, i.e., being toxic, infectious, corrosive, flammable, oxidizing, radioactive, reactive or explosive, which, at a certain concentration or condition and improper handling can cause substantial harm to humans, properties or the environment.
UN Number	The United Nations (UN) Numbers are four-digit numbers used worldwide in international commerce and transportation to identify hazardous chemicals or classes of hazardous materials. These numbers generally range between 0000 and 3500 and are ideally preceded by the letters "UN" (for example, "UN1005") to avoid confusion with other number codes.
Material Safety Data Sheet (MSDS)	Hazardous substances or dangerous preparations must be accompanied by so-called safety data sheets. These safety data sheets contain information on the composition and the chemical and physical properties of substances as well as information on toxicology, ecology, transportation and disposal and thus assist in the assessment of waste based on certain ingredients.
Waste Collection	Collection within the meaning of this guideline is the loading, transport & any interim storage of waste for the purpose of transportation to a waste disposal and/or treatment plant.



## 1 INTRODUCTION

In general, this guideline underscores adherence to the specified legal and regulatory framework, ensuring that Lubricants & Petroleum Wastes Transport activity is conducted in compliance with established laws, circulars, and guidelines. This serves to standardize practices across the industry, promoting sustainable waste management practices, safeguarding public health, and preserving the environment within the Emirate of Dubai. The guideline encompasses detailed operational procedures, safety protocols, and contractual obligations to ensure that waste management practices are conducted responsibly and sustainably within Dubai. It provides additional details about the vehicle types and critical parameters to consider during transport. Hence, this Technical Guide is intended to deliver:

- a) General provisions such as mandatory training for all personnel involved in waste collection and transportation,
- b) Vehicle requirements for lubricants and petroleum waste transport.
- c) Procedures for lubricants and petroleum wastes transport, the correct positioning and handling of waste containers, and specific measures to prevent spillage and leakage during waste collection operations, etc.,
- d) Specific provisions for Lubricants & Petroleum Wastes Transport activity

## 2 LEGAL FRAMEWORK, CIRCULARS, AND GUIDELINES

The relevant provisions of the following laws and regulations were used as guidance and references in the preparation of this technical guideline.

- Cabinet Decision No. (37) of 2001 on the Executive Regulations of Federal Law No. (24) of 1999 on Environmental Protection and Development - Hazardous Materials, Hazardous Waste and Medical Waste Regulations
- Cabinet Decision No. (33) of 2018 on the circulation of used oils
- Federal Law (No.) 24 of 1999 and modified by Federal Law (No.) 11 for 2006 regarding Protection & Development of the Environment.
- Local Order No. 11 of 2003 on Public Health and Safety of the Society in the Emirate of Dubai
- Local Order (No.) 61 of 1991 on the Environment Protection Regulations in the Emirate of Dubai
- Local Order (No.) 7 of 2002 on Management of Waste Disposal Sites in the Emirate of Dubai; as amended by Local Order No. (5) of 2003
- Executive Council Resolution (No.) 58 of 2017 Concerning the Approval of Fees and Fines of Waste Disposal in the Emirate of Dubai
- Executive Council Resolution No. (14) of 2015 Amending the Schedule of Public Hygiene-related Violations and Penalties Attached to the Implementing Bylaw of Local Order No. (11) of 2003 Concerning Public Health and Community Safety in the Emirate of Dubai
- Procedures and guidelines for implementing and implementing Administrative Order No. 30/2003, in accordance with Local Order No. 11/2003
- UAE Occupational Health and Safety Management System (OHSMS) National Standard
- Law No. (26) of 2015 Regulating Data Dissemination and Exchange in the Emirate of Dubai.
- Technical Guideline No. 4. on Duty of Care
- Technical Guideline No. 5. on Waste Classification
- Technical Guideline on Used Lubricants Collecting Services
- Technical Guideline on Technical Guidelines on Oil & Lubricants Waste Recycling

**The related circulars and posted information bulletin of this guideline are posted on Dubai Municipality's website – [www.dm.gov.ae](http://www.dm.gov.ae) link to the Waste Department.**

The Duty of Care Program is a management tool to control the waste generated in Dubai. The regulation requires that all transfers of waste are appropriately recorded in order to assist in tracking the quantity generated and movements of waste. Waste collection & transport companies, as primary actors in the duty of care, need to ensure that the waste is safely & properly collected and that the complete waste transport is recorded in the waste manifest along with any other records required by

DM. This will ensure that the waste is properly managed at the source, transported by licensed waste management companies and delivered to an approved facility and/or disposed of at proper sites.

### 3 SCOPE AND COVERAGE

These guidelines and procedures are applicable to the transportation of waste by road within the Emirate of Dubai. The scope is restricted to companies holding a valid business license for activity 4923020- Lubricants & Petroleum Wastes Transport from the Department of Economy & Tourism (DET) or licenses from the Free Zone Authorities in Dubai as applicable. It also permits companies to engage with third-party entities through formal contracts for waste transportation, provided these third parties fully comply with the standards set by the Waste Strategy and Projects Department (WSPD). The guideline emphasizes the necessity of licensed vehicles for waste collection and transportation, mandating that these vehicles are duly registered under the company's name and meet all specified operational fitness and safety requirements.

### 4 GENERAL PROVISIONS

The following provisions apply to companies with a valid license for Lubricants & Petroleum Wastes Transport activity or any third party engaged through a formal contract and who have attained prior authorization requests on behalf of the contracting party from the WSPD. The decision to accept or reject applications of a similar nature is at the sole discretion of the WSPD. Furthermore, any vehicles used for the activity must be registered with the company applying for the transportation license, and it is strictly forbidden to use any vehicle that is not registered under the company's name, even if the company operates under a single sponsor or as a subsidiary.

Hazardous waste transporters play an important role in the hazardous waste management system by delivering hazardous waste from the point of generation to its ultimate destination in a safe and secure manner. Vehicles that are transporting hazardous wastes within the Emirate of Dubai are required to obtain a "Hazardous Waste Transport Vehicle - HWTV Permit" from the Waste Strategy and Projects Department (WSPD) of DM and are also required to comply with all applicable local regulations.

#### 4.1 Lubricants & Petroleum Wastes Transport Operations

- a) It is the responsibility of the waste generator to verify the credentials and compliance of the waste transporters as per the latest published bulletin. The list of approved hazardous waste transporters is available at the Dubai Municipality website: (<https://www.dm.gov.ae/municipality-business/environment-and-coasts/waste-department/>)
- b) There is always a risk of spillage and leakage during the transport of hazardous waste. When incompatible substances mix with each other, there is a possibility of a chemical reaction, which can produce enough heat and friction to cause fire or explosion and release dangerous gases. To prevent spillage all companies/establishments that generate "Lubricants & Petroleum wastes" are required to obtain a valid permit or No Objection Certificate (NOC) from the WSPD prior to transport, disposal, recycling or processing.
- c) Each load of hazardous waste applied for disposal by the generator must be accompanied by a document, i.e., a printout of an approved "Permit for Disposal of Hazardous Waste". The original of these documents must be handed to the Supervisor at the disposal site/ Waste Treatment facility upon delivery of the waste loads.
- d) Waste generators must acquire sufficient training and certification in hazardous waste management practices to ensure they understand their responsibilities.
- e) Waste generators must maintain documentation of the types and quantities of hazardous waste generated, including MSDS and other necessary safety documents.
- f) Waste generators must maintain detailed records of waste disposal activities, including dates, quantities, and recipients. Proof or evidence in the form of laboratory tests or photos can be included.
- g) Waste generators must prepare Emergency Response Plans for the collection (handover and loading to transporter process).
- h) It is the responsibility of the waste generator to check if valves and connections are carefully verified to prevent any leakage.
- i) It is the responsibility of the waste generator to see that the waste materials are properly packed and marked and the appropriate documents are supplied to the hazardous waste transporters.

Hazardous waste must be packed in good-quality packaging. Packaging must be free of any indication that their integrity has been compromised. Packages must be constructed, closed and prepared for transport so as to prevent any leakage. These provisions apply to both new packaging and packaging which are reused. When packaging is reused, all measures must be taken to prevent contamination.

- j) Packaging must be compatible with hazardous material and designed to prevent leaks, spills, or reactions during transport.
- k) Packages must be marked with proper labels, hazard labels, and markings indicating the hazard class and proper shipping name, including the UN number. The label must be recognizable and legible at all times. Labels must include hazard and/or handling labels, depending on the waste type.
- l) The language of the text should be in English & Arabic unless specified otherwise.
- m) Containers must meet specifications for strength, thickness, and durability.
- n) The body and closure of any packaging must be so constructed as to be able to resist the effects of vibration adequately. Stoppers, corks, or other such friction-type closures must be held in place securely, tightly and effectively by positive means. The closure device must be designed in such a way that it is unlikely that it can be incorrectly or incompletely closed and must be such that it may be checked easily to determine that it is completely closed.
- o) Inner packaging must be packed, secured or cushioned to prevent their breakage or leakage and to control their movement within the outer packaging. Cushioning material must not react dangerously with the contents of the inner packaging. Any leakage of the contents must not substantially reduce the protective properties of the cushioning material.
- p) The inner and outer packaging must be designed to withstand the conditions of transport, including vibrations, temperature variations, and pressure changes.
- q) Absorbent material is not required if the inner packaging is so protected that the breakage and leakage of their contents from the outer package will not occur during normal conditions of transport. Where absorbent material is required, and an outer package is not liquid-tight, a means of containing the liquid in the event of leakage must be provided in the form of a leak-proof liner, plastic bag or other equally efficient means of containment.
- r) A package must be of such size that there is adequate space to affix all required markings and labelling as required.
- s) Hazardous waste shall be packed only in inner packaging and placed in suitable outer packaging. The total gross mass of the package shall, however, not exceed 30 kg.

### 4.2 Waste Transporter Obligations

- a) Import of hazardous waste to Dubai from other Emirates for the purpose of disposal and recycling is prohibited.

- b) Export of hazardous waste to other Emirates for reasons other than disposal must have prior written approval from the WSPD.
- c) Hazardous waste is not allowed to be transported directly from the place of generation to any disposal site or recycling facility without an approved online Permit for Disposal of Hazardous Waste or without written approval and/or NOC from the Waste Treatment Section (WTS). Transporters must ensure that the route is shared beforehand as well as alternative paths in case of unexpected alterations to the route (accidents ahead, weather limitations, traffic changes, major events, etc.).
- d) Transport companies must plan the transport by, e.g. selecting routes which avoid dense residential areas and arranging supervision during parking.
- e) Risk assessment for vehicle passage through tunnels must be taken into account, and traffic management and suitability of alternative routes must be considered.
- f) Companies involved in waste collection and transportation are required to keep detailed records of their operations, including collection schedules, vehicle maintenance logs, training, compliance with circulars and any incidents of spillage or leakage. These records should be made available for inspection upon request by relevant authorities. Templates which can be used to maintain these records are attached in Annex 4.
- g) Transport companies must meet all criteria in the Permit for Disposal of Hazardous Waste application so it can be part of the Register/documentation.
- h) Transport companies must fill in the manifest/documentation about the waste generator, quality and relevant substance concentrations, type of hazards, process of generation, contact information of the generator and treatment facility/disposal and any other relevant details.
- i) Transport companies must ensure the waste being declared matches the waste being collected, according to the Technical Guidelines 5 classification codes and MSDS and/or any sampling results where applicable.
- a) Every person handling hazardous wastes must be trained in the nature and dangers of the load being carried, the risks in its use, hazards involved with any spills, personal exposure and emergency procedures. No person shall transport hazardous waste unless they have successfully completed an approved hazardous waste driver's course in the last 2 years. The individual must also be able to handle documentation, prove the accuracy and reliability of declarations, ensure the integrity of containers, and ascertain that the vehicles and their markings meet requirements.
- b) A list or reference of approved training institutes is available online at the Civil Defense website:  
<https://www.dcd.gov.ae/portal/portal/licensing/new/trancompany.pdf>.

- c) Drivers of hazardous waste must stay within posted speed limits in designated heavy vehicle lanes. Motor vehicles should be equipped with a speed limitation device set up in such a way that the speed does not exceed 90 km/h.
- d) Safety measures should be considered from the loading of the waste and transport up to the delivery at the endpoint, including the cleaning of the vehicle afterwards. All levels of personnel involved should be well informed, and these people should share the responsibility.
- e) Vehicles carrying hazardous waste should not be left to stand unattended.
- f) The design and construction of tanks should take into consideration permissible load, forces, pressure build-up, temperature, etc., and the properties of the substance. All piping should be of suitable material.
- g) The connection of the vehicle and container should be connected or secured properly so that it does not run loose.
- h) Transport companies must ensure that the driver of a vehicle has the necessary documents for the load at hand.
- i) Transport companies must ensure that the driver of a vehicle and workers are provided with PPE and emergency response kits in case of spillage and leakage of hazardous waste.
- j) Companies must have an emergency response plan in place, including the availability of spill kits and trained personnel to manage such incidents.
- k) All waste transport vehicles must carry safety equipment and provisions at all times to manage any accidents or spills involving hazardous waste. The equipment shall include but not be limited to the following: at least 2 spill kits, which include safety gloves, boots, cover-all attire, scooping tools or spade, absorbent materials, rigid plastic or metal containers with lids, spare sacks of appropriate material and appropriate fire extinguishers. When relevant, portable eye showers and other measures should be available as well.
- l) Hazardous waste must be transported in a secure and safe manner. The vehicle and waste container must be sealed completely so that no leakage would occur during transportation.
- m) To ensure that the packaging, tank, vehicle, and/or containers have not been damaged in such a way that may endanger the unloading operations, waste transport companies must reject cargo that does not meet the packaging and labelling requirements outlined in this guideline and potentially mentioned in the waste manifest.
- n) Waste transporters must ensure the decontamination and cleaning of vehicles and containers is carried out correctly. Any previous spillage in the vehicles or containers should be cleaned prior to putting in a new load of hazardous waste.
- o) Two or more kinds of incompatible waste shall not be loaded together in a single vehicle. Incompatible wastes are those materials that, when mixed there,

- would be a risk of violent reaction or fire, generate a harmful gas, or render the materials more dangerous to deal with.
- p) The maximum permissible level in tonnage of a certain waste type should be determined as per the waste type(s) being handled.
  - q) All spillage and leakages must be dealt with immediately after the appropriate MSDS has been referred to. Spillages or fire situations releasing toxic or poisonous gases should be dealt with through appropriate ventilation and respiratory protective systems dependent on the gas.
  - r) On no account must even a small amount of spilt material or any potentially hazardous material be flushed into drainage systems or sewers.
  - s) In case of a road accident, the driver or operator must notify Dubai Municipality- Waste Management Department immediately within two hours by telephone (04-6066029) stating the location and nature of the accident, as well as document with videos and photograph the incident and report all involved individuals and damages.

### 4.3 Vehicular & Maintenance and requirements

- a) To obtain an annual permit for each vehicle intended for use in transporting lubricants & petroleum wastes, waste transporters must apply through the DM Website (<https://waste.dm.gov.ae/>) and follow the procedure for “Hazardous Waste Transport Vehicle Permit” as depicted in Annex 2. The following documents must also be attached per vehicle:
- Copy of a valid **Dubai Trade License with license activity for private companies only**
  - Copy of valid **Vehicle Registration Card** for each vehicle
  - **Photos of the Vehicle** showing the plate number (Front, Back, Right Side and Left Side) per vehicle
  - Copy of **Training certificates of driver and operator** from a competent institution for hazardous waste handling safety, emergency response procedure in case of spills & accidents and handling other emergency cases that may arise during the transportation of such wastes. A list of the institutions or centers allowed to train operators, drivers, and other employees is available online at the civil defense website: <https://www.dcd.gov.ae/portal/portal/licensing/new/trancompany.pdf>.
  - Copy of the **RASID Certificate** - for renewal, please visit (<http://www.rasid.ae>). The process of RASID installation is explained in detail in Annex 1. All collected customer data will be safeguarded in accordance with Article 13 of Law No. (26) of 2015 Regulating Data Dissemination and Exchange in the Emirate of Dubai.
  - As the DM-operated facilities such as Jebel Ali – Hazardous Waste Treatment Facility (JA-HWTF) have implemented **Smart Gates systems**, all approved hazardous waste transport vehicles which are registered in RTA-Dubai and entering JA-HWTF for disposal purposes are required to install **NAFITH** to track and store all the information related to the vehicles, waste types, in/ out weight, in/ out date & time. Further information is provided in the NAFITH User Manual: <https://nafithcust.dm.gov.ae/nafithcustomerui/root/assets/TemplateDocuments/NAFITH-UserManual-v1.1.pdf>.
  - Proof of **coverage of Environmental Liability insurance**, including bodily injury, property damage, business interruption, crisis management, transportation liability, as well as clean-up costs associated with hazardous waste (minimum 1 million AED). This insurance is independent of any existing vehicle insurance. The insurance coverage amount in AED for transport operations shall be set by the insurance company and tailored specifically to the type of hazardous waste

- being transported as well as the specific requirements and operations of the business.
- b) Vehicles should undergo regular inspections, including checks on safety equipment, vehicle integrity, and proper placarding. Placards must be placed on both sides and rear and must be marked with the word identifying the load. The symbol and words shall be bold and readable from at least 30 meters away. Please refer to Annex 3 for the size, shape, and wording of the placard required. The name, address and telephone number of the operator shall be clearly marked on the vehicle.
- c) The vehicle being applied for a permit to transport hazardous waste must be inspected by a WSPD officer and shall pass the following "Approval Requirement":
- The vehicle has the capacity to carry its load safely without any risk of spillage.
  - A compartment or skip is adequate to prevent leakage.
  - Vehicle displays placards showing the classification and its corresponding UN code for the chemical composition of the hazardous waste. The placard must be designed according to the requirements in Annex 3.
  - The name, address and contact details of the transport company are clearly marked on the vehicle.
  - The vehicle is equipped with all the safety equipment needed for emergencies, such as PPE.
- d) Vehicles transporting **waste code E1: Liquid Oily Waste/ Used Lube Oil** must have exhaust pipes which discharge horizontally. All wiring must be in good condition & the vehicle must be equipped with an auto-isolation switch to shut off all electrical systems in the event of an accident. The vehicle must carry a dry chemical fire extinguisher of not less than 10kg.
- e) Vehicles transporting **waste code E2: Waste oil sludge** must have exhaust pipes which discharge horizontally. All wiring must be in good condition. The vehicle must be equipped with an auto-isolation switch to shut off all electrical systems in the event of an accident. The vehicle must carry a dry chemical fire extinguisher of not less than 10kg.
- f) Light & heavy tankers used for transport must be constructed from materials that are resistant to the corrosive effects of lubricants and petroleum wastes, such as stainless steel or specially coated steel & compatibility of materials with the specific types of lubricants and petroleum wastes being transported must be ensured.
- g) Tankers can have multiple compartments to prevent the mixing of different types of wastes and to maintain balance during transportation.

- h) For substances that require temperature control, tankers should be insulated to maintain the necessary temperature range.
- i) Emergency Shut-Off Valves that can be easily accessed must be installed in case of a spill or leak.
- j) Tanks should be equipped with pressure relief valves to prevent over-pressurization.
- k) Secondary containment systems must be used to capture and contain any accidental spills or leaks.
- l) Vehicles must be equipped with proper lighting, including reflective markings and rotating lights, to ensure visibility during night operations or low-light conditions.
- m) Backup cameras and alarms can be installed to aid in safe maneuvering.
- n) Vehicles must be **properly maintained and repainted** as per DM Requirements. **Orange-colored vehicles will NOT be given a permit as this is reserved for DM vehicles.**
- o) Holders of a hazardous waste transport vehicle permit must abide by the conditions of the permit, which in particular stipulates that the permitted vehicle shall only be used to carry the specific category of hazardous waste for which it has been approved.
- p) Vehicles may not be used for any other type of waste or cargo transportation once they have carried hazardous waste.
- q) Ensure all vehicles transporting lubricants have proper spill containment mechanisms (e.g., drip trays), corrosion-resistant materials, regular maintenance checks, and clear procedures for spill response.

## 5 SPECIFIC PROVISIONS FOR LUBRICANTS & PETROLEUM WASTES TRANSPORT ACTIVITY

The following compliance requirements should be considered for companies conducting Lubricants & Petroleum Wastes Transport activities:

- Lubricants and petroleum wastes should not be mixed with other wastes nor may waste oils of different categories/types be mixed.
- Lubricants & petroleum waste collection points must not be used by non-professionals without supervision.
- Storage tanks can be used as collection points. The storage tank must be type tested to a recognized standard and manufactured to an ISO 9001-compliant quality assurance scheme, for example: polyethylene tanks should comply with OFS T100, steel tanks should comply with either BS 799-5 or OFS T200 and be corrosion-resistant. The tank must also be marked with the substance type and maximum capacity.
- If storage tanks are to be used as collection points and it cannot be ensured that at such collection points only used oils of known origin with a flash point above 55 °C are filled into the containers, then regulations for flammable liquids must be observed.
- Requirements for above-ground containers used to store lubricants & petroleum waste include:
  1. The contents of the container shall not exceed 1 m<sup>3</sup>.
  2. The container shall withstand an explosion of vapor/air mixtures inside without rupturing (explosion pressure resistant design).
  3. The vessel does not need to be equipped with flame arresters.
  4. The filling opening for the used oil shall not be smaller than 300 mm. The filling opening shall be funnel-shaped. The filling pipe shall not have a clear width greater than 80 mm and shall be designed up to the vicinity of the tank bottom.
  5. The lid of the filling opening shall be able to withstand the explosion pressure or shall be latched in such a way that, when the lid is opened, a valve in the filling pipe which is connected to the funnel-shaped filling opening opens and then closes automatically when the lid is closed.
  6. The tank must be double-walled.
  7. The tank must be equipped with a leak detector.
  8. The ventilation line of the container shall end at a height of at least 2.5 m above the installation site.

9. The installation of an overfill protection system may be dispensed with if the level of the filling opening is sufficiently visible due to the suitable design of the funnel.
- All containers and tanks shall be kept in good condition and any signs of rust, leak, deterioration or structural defects shall be fixed immediately.
  - Remove, repair, or replace the defective tank or container immediately
  - Take steps to prevent leaks and spills. Keep machinery, equipment containers, and tanks in good working condition and be careful when transferring used oil. Have sorbent materials available on site.
  - If a spill or leak occurs, stop the oil from flowing at the source. If a leak from a container or tank can't be stopped, put the oil in another holding container or tank.
  - Contain spilled oil by using methods such as erecting sorbent berms or spreading a sorbent over the oil for effective containment."
  - Clean up the lubricants & petroleum waste as you would have before it was spilled. If recycling is not possible, it must be disposed of appropriately. All used cleanup materials, from rags to sorbent booms, that contain free-flowing lubricant or petroleum waste must also be handled according to the used oil management standards.
  - Lubricants & petroleum waste transporters must be familiar with these cleanup methods. They may also be part of a spill response action plan (U.S. Environmental Protection Agency, 2018).
  - For safe loading and unloading into the tankers, flexible, durable hoses with appropriate fittings must be used & the hoses must be compatible with the substances being handled to prevent degradation and leaks.
  - Install accurate and reliable pumps and flow meters to control the amount of waste being loaded or unloaded & ensure that all pumps and meters are regularly calibrated and maintained.
  - Utilize automatic overfill protection devices to prevent spillage during loading operations.
  - Selection of vehicles suitable to transport waste under these technical guidelines are listed in Annex 6.
  - Selection of suitable containers to handle waste under these technical guidelines are listed in Annex 7.

## 6 REFERENCES

- 1 European Waste Framework Directive 2008/98/EC
- 2 DIRECTIVE 2010/75/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 24 November 2010 on industrial emissions.
- 3 International Standard Industrial Classification of all Economic Activities (ISIC). United Nations Series M No. 4, Rev. 4.
- 4 Oil Spills Prevention and Preparedness Regulations. U.S. Environmental Protection Agency (EPA), 2018.
- 5 Technical rules for flammable liquids (DAbF). German Committee for Flammable Liquids

## ANNEX 1: VALIDITY OF PERMITS

Permits	Validity of Permits
Permit for Waste Collection or Transport or Trading Activity (WCTT)	Valid for the same duration as the license issued by Concerned authorities in Dubai.
Permit for Vehicles to Transport Hazardous Waste (HWTP)	Valid for the same duration as per vehicle registration validity in RASID which is one year.
Permit For Vehicles to Access Dubai Municipality Waste Disposal Sites (NAFITH)	Valid for the same duration as per vehicle registration validity in RASID which is one year.

## ANNEX 2: PROCEDURE FOR HAZARDOUS WASTE TRANSPORT VEHICLE PERMIT APPLICATION

This service will help you to secure a **Hazardous Waste Transport Vehicle (HWTV) Permit** for vehicles to transport hazardous waste in the Emirate of Dubai.

1. **LOG IN** to the Dubai Municipality website <https://www.dm.gov.ae/>
2. **APPLY** on Waste Services Online-Apply for a Vehicle Permit to Transport Hazardous Waste and attach the following:
  - Copy of **valid** Dubai Trade License– for private companies only.
  - Copy of **valid** Vehicle Registration Card for each vehicle
  - Photos of the Vehicle showing the plate number (Front, Back, Right Side and Left Side) per vehicle
  - Copy of **valid** Training certificates of driver and operator from a competent institution for hazardous waste handling safety, emergency response procedure in case of spills & accidents and handling other emergency cases that may arise during the transportation of such wastes.
  - Copy of the RASID Certificates - for renewal (<http://www.rasid.ae>)
3. **COMPLY** with the time, location and schedule of vehicle inspection.
4. **ENSURE** prior vehicle inspection - the vehicle is in compliance with the below requirements:
  - The vehicle has the capacity to carry its load safely without any risk of spillage.
  - The compartment or skip is adequate to prevent leakage.
  - Vehicle displays placards showing the classification and its corresponding UN code for the chemical composition of the hazardous waste. The placard must be designed according to the requirements in **Annex 3**.
  - The vehicle features cabin ventilation and drivers dispose of masks availability with renewed filters
  - The name, address and contact details of the transport company are clearly marked on the vehicle.

- The vehicle is equipped with all the safety equipment needed for emergencies such as
  - a) Personal Protective Equipment (PPE),
  - b) Spill kits (scooping tools (spade), absorbent materials, plastic/metal containers with lid) and
  - c) Fire extinguishers /other firefighting tools
- The First Aid Kit is provided with complete medical necessities.
- Sample point provided (for liquid waste transporter)
- The requirements (as per waste type) for vehicles are met.

License codes are made known to generators, transporters, traders, and handlers, and involved parties.

5. **PAY** related fees through the following webpage:

<https://www.dm.gov.ae/easy-payments/#1695718196331-cf8318a1-87c1>

6. **PRINT** your HWTW Permit after payment

**NOTE:** All approved hazardous waste transport vehicles which are **registered in RTA-Dubai** and **entering JA-HWTF** for disposal purposes are required to **install NAFITH**. **NO HWTW Permit-NO NAFITH- NO ENTRY**  
Email to: [fabinselm@dm.gov.ae](mailto:fabinselm@dm.gov.ae) / [ACGONZALES@dm.gov.ae](mailto:ACGONZALES@dm.gov.ae) the following requirements:

- Valid Hazardous Waste Transport Vehicle (HWTW) Permit
- RTA-Dubai Vehicle Registration Card/Record

\*NEW COMPANY- TRADE LICENSE ADDING ACTIVITY REQUIREMENT

GO to DET to add activity to your license

OR CLICK: <https://invest.dubai.ae>

For more information contact  
Waste Strategy and Projects Department  
Permits and Awareness Section

Tel.: 04 287 2557 / ext. 203, 204, 205, 216, 217, 231

The vehicle being applied for a permit to transport hazardous waste must be inspected by a DM officer and shall pass the following "Approval Requirement":

**Very Important**

- ENSURE your vehicles are properly maintained and repainted as per DM Requirement
- Permit will be granted for all waste collection and transportation vehicles, granted that they are compliant with all requirements, except orange-colored vehicles.

**NOTE:** The applicant shall ensure compliance with the vehicle inspection requirement before the date of the inspection schedule (to be agreed upon by the inspector and the applicant).

## ANNEX 3: VEHICLE PLACARD PARTICULARS FOR TRANSPORTING HAZARDOUS WASTE

- The placard showing the corresponding UN number must always be clearly displayed on the vehicle.
- The color of the placard must be **black lettering over a white background**.
- The size of the placard must be **40 cm wide and 150 cm long** (special permission could be obtained for a placard size to suit the vehicle).
- When using the integrated UN Placards, **the minimum dimension is 25 cm x 25 cm**.
- The placard must be divided lengthwise by a line along the midpoint, Arabic characters must be written on the upper part, and English characters must be written below.
- The placards shall be affixed to both sides and at each end of the vehicle, as well as at its rear.

Placard for Liquid Waste

رقم الأمم المتحدة 3082	مواد خطرة بيئياً (نفايات سائلة)
UN No 3082	Environmentally Hazardous Substances (Liquid Wastes)

Placard for Oily Waste

رقم الأمم المتحدة 1268	مواد خطرة بيئياً (نفايات زيتية)
UN No 1268	Environmentally Hazardous Substances (Waste Oil)

## ANNEX 4: WASTE COLLECTION AND TRANSPORTATION COMPANIES RECORD KEEPING

### Collection Schedules

#### Company Information:

Company Name	_____
Date	_____
Contact Person	_____
Contact Details	_____

#	Date of Collection	Location of Collection	Waste Type	Waste Amount (KG)	Vehicle License Plate	Driver Name	Driver License Number	End use facility

#### Declaration:

I hereby certify that the above information is accurate and complete to the best of my knowledge.

Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

## Vehicle Maintenance Logs

### Company Information:

Company Name	_____
Date	_____
Contact Person	_____
Contact Details	_____

#	Vehicle License Plate	Date of Maintenance	Type of Maintenance Performed	Performed By (Technician/Company)	Comments/Notes

### Declaration:

I hereby certify that the above information is accurate and complete to the best of my knowledge.

Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

## Incidents Log

### Company Information:

Company Name	
Date	
Contact Person	
Contact Details	

#	Incident Date	Location	Description	Action taken to mitigate	Reported to (Authority/ Department)	Follow up Actions

### Declaration:

I hereby certify that the above information is accurate and complete to the best of my knowledge.

Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

## ANNEX 5: GENERAL WORKFLOW FOR PERMIT ISSUANCE AND VEHICLE REGISTRATION

The flow diagram below outlines the essential steps that companies must follow to obtain a permit for conducting waste collection, transport, or trading activities in Dubai.

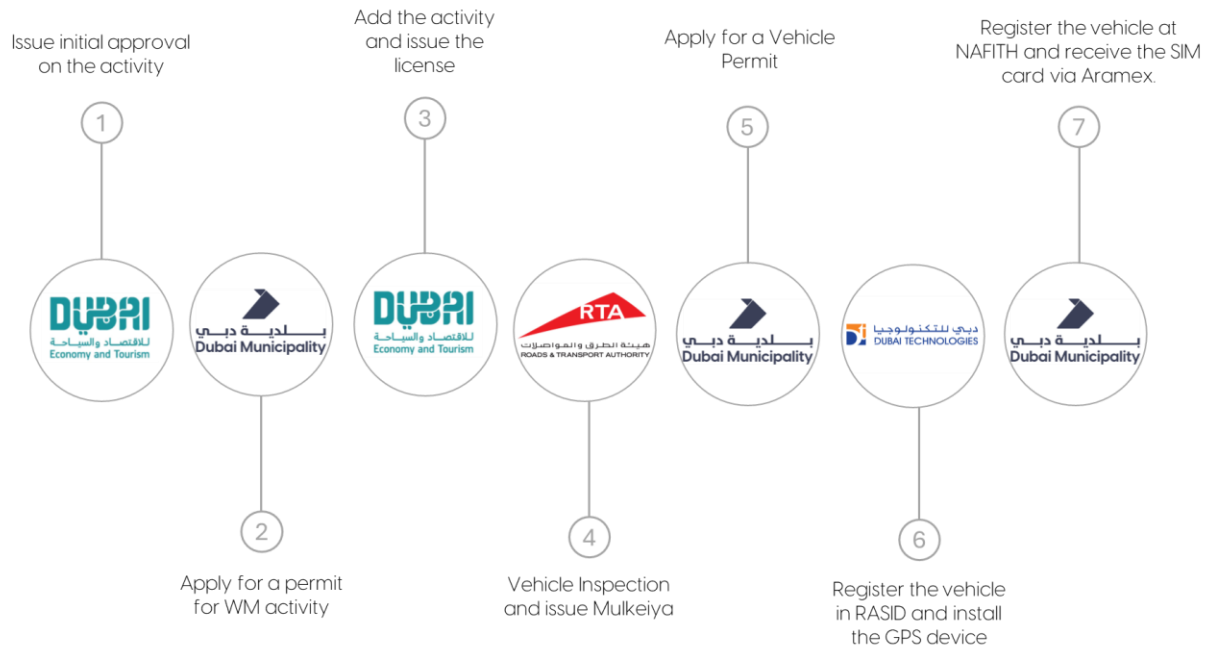

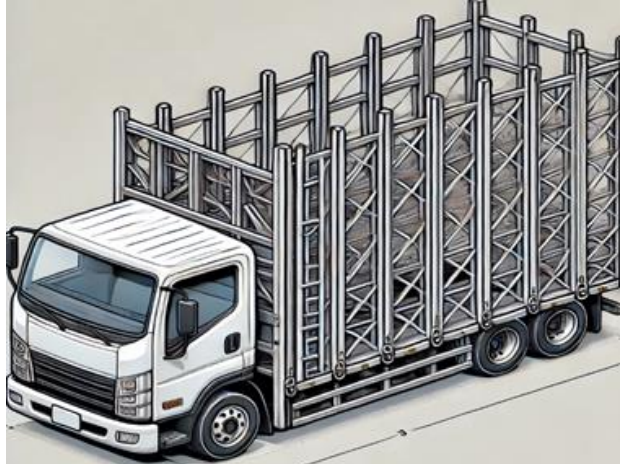


Figure 1 - General workflow for permit issuance and vehicle registration

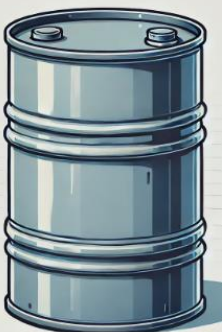
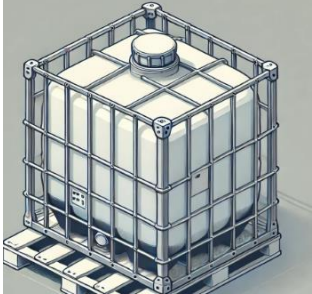

## ANNEX 6: SELECTION OF SUITABLE VEHICLES

Table 1: Selection of Suitable Vehicles

Vehicle type	Brief Description	Image
Road Tankers/small and large	Hydrocarbon transport tankers provided with safety requirements as per RTA regulations	
Pickup trucks with steel drums	Steel drums loaded into pickup trucks provided with side barricades with safety requirements as per RTA regulations	

## ANNEX 7: SELECTION OF SUITABLE CONTAINERS

Table 2: Selection of Suitable Containers

Container Type	Brief Description	Image
<b>Drums and Barrels</b>	Cylindrical containers made of metal or HDPE, used for liquid waste storage and transport.	
<b>Intermediate Bulk Containers (IBCs)</b>	Large containers up to 1,000 liters, often used for transporting liquid waste.	
<b>Plastic Jerry Cans</b>	Portable containers made of HDPE, used for small amounts of liquid waste.	

## ANNEX 8: PROCESS OF RASID INSTALLATION

The process of RASID installation can be done by permitted transporters in the following steps:

- 1. Company Registration:** The transporter must fill out the application at <http://rasid.ae/en/registration/company-registration>. During the registration process, the customer must upload the company logo, a valid trade license and a valid hazardous waste transport vehicle (HWTV) permit.
- 2. Company Approval from RASID:** The application is automatically sent to RASID for verification and approval.
- 3. Vehicle Registration:** Once the company is approved on RASID, the transporter must use the user credentials and register the vehicles by filling in the required details and uploading valid Mulkiya copies (front and back) and vehicle images (front, side and rear).
- 4. Vehicle Approval from RASID:** The request is automatically sent to RASID for verification and approval. The vehicle approved by RASID shall undergo the installation of approved RASID GPS tracking devices.

### **5. Third Party GPS Tracking Device Registration:**

The transporter must upload Device Specifications, Communication Protocol and Telecommunications Regulatory Authority (TRA) approval certificate. The company must proceed to install GPS devices in the vehicles approved by DM.

### **6. RASID Online Payment:**

Once the vehicles are approved by RASID for Vehicle Registration and Annual Subscription payment, the transporter can use the RASID user credentials and proceed to make the online payment. For more information, please visit <http://rasid.ae/en/fees-charges>.

**Active:** Once the payment is made, the vehicles go active. DM-WSPD and the transporter can monitor/ manage the hazardous waste transport fleet by accessing online with the user's credentials.