File No.: 1/1/36

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Rev. 0 – May 2012

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| Applicant File Ref. No. | Click to enter text |
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**REPUBLIC OF TRINIDAD AND TOBAGO**

**The Ministry of Energy and Energy Affairs**

**Application for Storage Approval of Refined Petroleum Products at ‘End User’ Facilities**

**………………………………………………………………………..**

**1.0 Legal Authority:**

Refined petroleum products storage systems which are in excess of 100 Imperial Gallons must be approved by the Ministry of Energy and Energy Affairs as stipulated in Regulation 1 of Part II of the Petroleum Act, Chapter 62:01. This state:

*“No crude petroleum, petroleum or dangerous petroleum above the quantity of 100 imperial gallons shall be stored in any place save in a warehouse authorized by licence under the Act.”*

This application form is issued for compliance under section 42(k) of the Petroleum Act, Chapter 62:01 which states:

*‘A licensee shall comply with all instructions issued from time to time by the Minister that are reasonably necessary for securing the health, safety and welfare of persons employed for the purpose of operations.’*

**2.0 Applicability:**

This application form must only be used for refined petroleum products’ storage systems with cumulative capacities that exceed 100 Imperial Gallons. Such products include but are not limited to; diesel, kerosene, gasoline, jet A1 fuel, used oil and lubricants/ lube oils. The storage tanks may be aboveground or underground.

It is not applicable to:

* terminals and other energy based facilities for which the petroleum by-products systems are considered part of the entire facility and for which the facility is approved by the Ministry of Energy and Energy Affairs.
* marine storage systems, e.g. barges, boats, vessels, etc..
* Liquefied Petroleum Gas (LPG) storage systems.
* the road transportation of petroleum by-products.
* storage systems at Service Stations.
* non-hydrocarbon liquids, e.g. liquid oxygen, hydrogen.
* the re-approval of petroleum by-products storage systems.

**………………………………………………………………………………………………………………………………………………….**

**Please complete the application form and forward to the address in the footnote for processing. Information must only be entered in the gray shaded boxes.**

**Instructions on completing the form are provided in the Guidance Document (MEEA-HSEM-AG001 – Guidance Document for completing the application form for Storage Approval of Refined Petroleum Products at End-user Facilities).**

|  |  |  |  |
| --- | --- | --- | --- |
| Title e.g. Mr | Name: |  | Click to enter date |
| Title | Click to enter name |
| Position: | |
| Click to enter name | |
| *Applicant’s Name and Position* | | *\*Applicant’s Signature* | *Date of Application (dd/mm/yy)* |

*Affix company stamp here, (optional).*

**\*Applicant: By your signature above, you hereby certify that the information submitted herein is true and correct and that you are authorised by the installation owner(s) to act on his/their behalf.**

Note: This document contains nine (9) pages inclusive of the cover page.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| Section A - Owner Information | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | |
| *1Company/ Owner/ Leasee of Storage System:* | Click to enter text | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *2Mailing Address:* | Click to enter text | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *3Contacts:* | *Tel.:* | | | | | Click to enter text | | | | | | | | | *Fax:* | | | | | | Click to enter text | | | | | | | | | | | *Email:* | | | | | Click to enter text | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Section B – Installer Information | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | |
| *1Name of Installer:* | Click to enter text | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *2Mailing Address:* | Click to enter text | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *3Contacts:* | *Tel.:* | | | | | Click to enter text | | | | | | | | | *Fax:* | | | | | | Click to enter text | | | | | | | | | | | *Email:* | | | | | Click to enter text | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Section C: Storage Information | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | |
| *1Total volume of products to be stored:* | | | *Value e.g. 300* | | | | | | *Unit e.g. Imp Gallon (click to choose)* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Click to enter volume | | | | | | Click tochoose unit of measure | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *2Number of tanks to be installed:* | | | Click to enter number | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *3Physical address of storage system:* | | |  | Same as in A2 above. (If not, specify below) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Click to enter text | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *4Type of establishment where product is to be stored, e.g. school:*  *(click to choose)* | | | Click to choose an item. | | | | | | | | | | | | | | | | | | | | | | | | | | If other, specify: | | | | Click to enter text | | | | | | | | | | | | |
| *5aPurpose/ use of the storage system:* | | | Click to enter text | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *5bIf storage is used for fuelling vehicles/equipment, state the type (make) and how many of the same are in service.*  *(Additional vehicles may be listed in Section G or an attached sheet)* | | |  | | NA | | |  |  |  |  |  | | --- | --- | --- | --- | --- | | Type/Make of Vehicle/Equipment | No. e.g. 6 |  | Type/Make of Vehicle/Equipment | No. e.g. 6 | | Click here to enter text. | Number |  | Click here to enter text. | Number | | Click here to enter text. | Number |  | Click here to enter text. | Number | | Click here to enter text. | Number |  | Click here to enter text. | Number | | Click here to enter text. | Number |  | Click here to enter text. | Number | | Click here to enter text. | Number |  | Click here to enter text. | Number | | Click here to enter text. | Number |  | Click here to enter text. | Number | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *6First application for approval of this storage system:* | | |  | Yes | | | | | | | |  | | | | | No (if no, specify date of last application) | | | | | | | | | | | | | | | | Click to enter date | | | | | | | | | | | | |
| *7Product/s to be stored will be obtained from:*  *(click to choose e.g. Service Station)* | | | Click to choose an item. | | | | | | | | | | | | | | | | | | | If Other or Petroleum Distributor, give details: | | | | | | | | | | | Click to enter text. | | | | | | | | | | | | |
| *8Approximate volume of* ***fuel*** *usage per month:* | | |  | | NA | | |  | | *Value e.g. 300* | | | | | | | | | | | | | | | | | *Unit e.g. Imp Gallon (click to choose)* | | | | | | | | | | | | | | | | | | |
| Click to enter volume | | | | | | | | | | | | | | | | | Click tochoose unit of measure | | | | | | | | | | | | | | | | | | |
| *9Approximate volume of* ***fuel*** *purchase per month:* | | |  | | NA | | |  | | *Value e.g. 300* | | | | | | | | | | | | | | | | | *Unit e.g. Imp Gallon (click to choose)* | | | | | | | | | | | | | | | | | | |
| Click to enter volume | | | | | | | | | | | | | | | | | Click tochoose unit of measure | | | | | | | | | | | | | | | | | | |
| *10If more than one tank is (to be) installed, are they in the same location?* | | |  | Yes | | | | | | | | | |  | | | | | |  | | | | | | No | | | | | | | | | |  | | | NA | | | | | | |
| *11If more than one tank is (to be) installed, are they interconnected?* | | |  | Yes | | | | | | | | | |  | | | | | |  | | | | | | No | | | | | | | | | |  | | | NA | | | | | | |
| *12Tentative installation date:* | | | Click to enter date | | | | | | | | | | | | | | |  | | | | | | NA (if already installed) | | | | | | | | | | | | | | | | | | | | | |
| *13Other storages on the same premises that are not part of this application:*  *(Tick all that apply)* | | |  | LPG | | | | | | | | |  | | | | | | | | | | | Kerosene | | | | | | | | | |  | | | | Liquid/ Gaseous Hydrogen | | | | | | | |
|  | Diesel | | | | | | | | |  | | | | | | | | | | | Oxygen | | | | | | | | | |  | | | | Gasolene | | | | | | | |
|  | Jet A1 | | | | | | | | |  | | | | | | | | | | | Crude Oil/ Condensate/NGL | | | | | | | | | |  | | | | NA | | | | | | | |
| *14Buildings on the same premises are:*  *(Tick all that apply)* | |  | | Residential | | | | | | |  | | | | | Commercial | | | | | | | | | | | |  | | Agricultural | | | | | | | | | | | |  | | | Public Assemblage |
|  | | Industrial | | | | | | |  | | | | | Government | | | | | | | | | | | |  | | Parking/ storage | | | | | | | | | | | |  | | | Other (specify below) |
| Click to enter text. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *15Is the area prone to flooding?* | |  | | | Yes | | | | | | | | | | | | | |  | | | | | | No | | | | | | | | | | | | | | | | | | | | |
| *16Has the area City/Regional/ Borough Corporation been advised of the installation?* | |  | | | Yes | | | | | | | | | | | | | |  | | | | | | No | | | | | | | | | | | | | | | | | | | | |
| *30Is your company registered and approved by the Ministry of Energy & Energy Affairs for the purchasing of subsidised diesel fuel?* | |  | | | Yes | | | | | | | | | | | | | |  | | | | | | No | | | | | | | | | |  | | | | NA | | | | | | |
| If yes, state registration number and/ or date of application: | | | | | | | | | | | | | | | | | Click to enter text. | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Section D : Piping Information | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | |
| *1Hydrocarbon piping is located:*  *(tick all that apply)* | |  | | | Aboveground | | | | | | | | | | | | | |  | | | | | | Outdoor | | | | | | | | | | | | | | |  | | |  | | |
|  | | | Underground | | | | | | | | | | | | | |  | | | | | | Indoor | | | | | | | | | | | | | | |  | | |  | | |
| *2Hydrocarbon piping material of construction:* | | aAboveground | | | | | | | | | | | | | | | | | Click to enter text. | | | | | | | | | | | | | | | | | | | | | | | | | | |
| bUnderground | | | | | | | | | | | | | | | | | Click to enter text. | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *3Type of hydrocarbon piping joints:*  *(tick all that apply)* | |  | | | Threaded | | | | | | | | | | | | | |  | | | | | | Welded | | | | | | | | | | | | | | |  | | | Flanged | | |
|  | | | Brazed | | | | | | | | | | | | | |  | | | | | | Other (specify below) | | | | | | | | | | | | | | |  | | |  | | |
| Click to enter text | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *4Minimum depth of hydrocarbon underground piping:* | |  | | | NA | | | | | | | | | | | | | | Value e.g. 3.5 | | | | | | | | | | | | Unit e.g. ft. (click to choose) | | | | | | | | | | | | | | |
| Click to enter value. | | | | | | | | | | | | Unit | | | | | | | | | | | | | | |
| *5Type of corrosion protection for underground piping:* | |  | | | NA | | | | | | | | | | | | | | Click to enter text. | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *6Underground piping is double-walled?* | |  | | | Yes | | | | | | | | | | | | | |  | | | | | No | | | | | | | | | | | | | | | | |  | | | NA | |
| If yes, material of construction of outer wall: | | | | | | | | | | | | | | | | | Click to enter text. | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Section E: Tanks Information | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Provide the listed information for each tank below. For additional tanks, use the supplemental form.* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Tank **1** | | | | | | | | | | | | | | Tank **2** | | | | | | | | | | | Tank **3** | | | | | | | |
| *1Product to be stored in tank:*  *(click to choose e.g. diesel)* | Choose an item. | | | | | | | | | | | | | | Choose an item. | | | | | | | | | | | Choose an item. | | | | | | | |
| If other, specify below: | | | | | | | | | | | | | | If other, specify below: | | | | | | | | | | | If other, specify below: | | | | | | | |
| Click here to enter text. | | | | | | | | | | | | | | Click here to enter text. | | | | | | | | | | | Click here to enter text. | | | | | | | |
| *2Operational status of tank:*  *(click to choose e.g. currently in use)* | Choose an item. | | | | | | | | | | | | | | Choose an item. | | | | | | | | | | | Choose an item. | | | | | | | |
| *3Tank is located:*  *(Tick all that apply)* |  | Aboveground | | | | |  | | | Underground | | | | |  | | Aboveground | | | |  | | Underground | | |  | Aboveground | | |  | | Underground | |
|  | Indoor | | | | |  | | | Outdoor | | | | |  | | Indoor | | | |  | | Outdoor | | |  | Indoor | | |  | | Outdoor | |
|  | Roof | | | | |  | | | Basement | | | | |  | | Roof | | | |  | | Basement | | |  | Roof | | |  | | Basement | |
|  | Warehouse | | | | |  | | | Internal day tank | | | | |  | | Warehouse | | | |  | | Internal day tank | | |  | Warehouse | | |  | | Internal day tank | |
|  | Mounded | | | | |  | | | Other | | | | |  | | Mounded | | | |  | | Other | | |  | Mounded | | |  | | Other | |
| If other specify below: | | | | | | | | | | | | | | If other specify below: | | | | | | | | | | | If other specify below: | | | | | | | |
| Click here to enter text. | | | | | | | | | | | | | | Click here to enter text. | | | | | | | | | | | Click here to enter text. | | | | | | | |
| *4Tank is:*  *(Tick all that apply)* |  | Fixed | | | | | | |  | | | | Mobile | |  | | Fixed | | |  | | Mobile | | | |  | Fixed | | |  | | Mobile | |
|  | Permanent | | | | | | |  | | | | Temporary | |  | | Permanent | | |  | | Temporary | | | |  | Permanent | | |  | | Temporary | |
|  | New | | | | | | |  | | | | Used | |  | | New | | |  | | Used | | | |  | New | | |  | | Used | |
|  | Shop-built | | | | | | |  | | | | Field-erected | |  | | Shop-built | | |  | | Field-erected | | | |  | Shop-built | | |  | | Field-erected | |
|  | Rigid | | | | | | |  | | | | Flexible | |  | | Rigid | | |  | | Flexible | | | |  | Rigid | | |  | | Flexible | |
| *5Product flow from the tank is by:*  *(click to choose e.g. gravity)* | Choose an item. | | | | | | | | | | | | | | Choose an item. | | | | | | | | | | | Choose an item. | | | | | | | |
| If other specify below: | | | | | | | | | | | | | | If other specify below: | | | | | | | | | | | If other specify below: | | | | | | | |
| Click to enter text. | | | | | | | | | | | | | | Click to enter text. | | | | | | | | | | | Click to enter text. | | | | | | | |
| *6Material of constructionof tank foundation:*  *(click to choose e.g. concrete)* | Choose an item. | | | | | | | | | | | | | | Choose an item. | | | | | | | | | | | Choose an item. | | | | | | | |
| If other specify below: | | | | | | | | | | | | | | If other specify below: | | | | | | | | | | | If other specify below: | | | | | | | |
| Click to enter text. | | | | | | | | | | | | | | Click to enter text. | | | | | | | | | | | Click to enter text. | | | | | | | |
| *7Terrain in the vicinity of the tank is: (click to choose e.g. flat)* | Choose an item. | | | | | | | | | | | | | | Choose an item. | | | | | | | | | | | Choose an item. | | | | | | | |
| *8Auxilliary Equipment:*  *(If available, attach manufacturer’s specification sheets)* |  | Pump | | | | | | |  | | | | Dispenser | |  | | Pump | | | |  | | Dispenser | | |  | Pump | | |  | | Dispenser | |
|  | Generator | | | | | | |  | | | | Boiler | |  | | Generator | | | |  | | Boiler | | |  | Generator | | |  | | Boiler | |
|  | Hose and nozzle | | | | | | |  | | | | Incinerator | |  | | Hose and nozzle | | | |  | | Incinerator | | |  | Hose and nozzle | | |  | | Incinerator | |
|  | Flowmeter | | | | | | |  | | | | Other | |  | | Flowmeter | | | |  | | Other | | |  | Flowmeter | | |  | | Other | |
| If other specify below: | | | | | | | | | | | | | | If other specify below: | | | | | | | | | | | If other specify below: | | | | | | | |
| Click to enter text. | | | | | | | | | | | | | | Click to enter text. | | | | | | | | | | | Click to enter text. | | | | | | | |
| *9Tank used to supply marine vessels with fuel?* |  | | Yes | | | | | |  | | | | No | |  | | Yes | | | |  | | No | | |  | Yes | | |  | | No | |
| *10Located within 50 feet of the tank is/ are:*  *(Tick all that apply. Where applicable, the separation distances must be illustrated on a plot plan).* |  | | | Important buildings | | | | |  | | | | Electrical power lines | |  | | Important buildings | | | |  | | Electrical power lines | | |  | Important buildings | | |  | | Electrical power lines | |
|  | | | Sources of ignition | | | | |  | | | | Compressed gas storages | |  | | Sources of ignition | | | |  | | Compressed gas storages | | |  | Sources of ignition | | |  | | Compressed gas storages | |
|  | | | Mechanical air intake devices | | | | |  | | | | Overgrown vegetation | |  | | Mechanical air intake devices | | | |  | | Overgrown vegetation | | |  | Mechanical air intake devices | | |  | | Overgrown vegetation | |
|  | | | Property line/ Public roadway | | | | |  | | | | Places of public assemblage | |  | | Property line/ Public roadway | | | |  | | Places of public assemblage | | |  | Property line/ Public roadway | | |  | | Places of public assemblage | |
|  | | | Natural water courses | | | | |  | | | | LPG storages | |  | | Natural water courses | | | |  | | LPG storages | | |  | Natural water courses | | |  | | LPG storages | |
|  | | | Coastline | | | | |  | | | | Drains | |  | | Coastline | | | |  | | Drains | | |  | Coastline | | |  | | Drains | |
|  | | | Emergency Exit | | | | |  | | | | Stairway | |  | | Emergency Exit | | | |  | | Stairway | | |  | Emergency Exit | | |  | | Stairway | |
| *11Tank is readily accessible to the public?* |  | | | Yes | | | | |  | | | | No | |  | | Yes | | | |  | | No | | |  | Yes | | |  | | No | |
| *12Water capacity of tank:* | Value e.g. 150 | | | | | | | | Unit e.g. Imp Gallon | | | | | | Value e.g. 150 | | | | | | Unit e.g. Imp Gallon | | | | | Value e.g. 150 | | | | Unit e.g. Imp Gallon | | | |
| Click to enter text. | | | | | | | | Unit | | | | | | Click to enter text. | | | | | | Unit | | | | | Click to enter text. | | | | Unit | | | |
| *13Shape of tank:*  *(click to choose e.g. upright cylindrical)* | Click to choose a shape | | | | | | | | | | | | | | Click to choose shape | | | | | | | | | | | Click to choose shape | | | | | | | |
| *14Dimensions of tank:*  *(Diameter X Length; Diameter X Height; or Length X Width X Height):*  *(click to choose parameter e.g. length)* | Parameter 1 | | | | Value e.g. 150 | | | | | | | Unit e.g. mm | | | Parameter 1 | | | | Value e.g. 150 | | | | | | Unit e.g. mm | Parameter 1 | | Value e.g. 150 | | | | | Unit e.g. mm |
| Parameter | | | | Value | | | | | | | Unit | | | Parameter | | | | Value | | | | | | Unit | Parameter | | Value | | | | | Unit |
| Parameter 2 | | | | Value e.g. 150 | | | | | | | Unit e.g. mm | | | Parameter 2 | | | | Value e.g. 150 | | | | | | Unit e.g. mm | Parameter 2 | | Value e.g. 150 | | | | | Unit e.g. mm |
| Parameter | | | | Value | | | | | | | Unit | | | Parameter | | | | Value | | | | | | Unit | Parameter | | Value | | | | | Unit |
| Parameter 3 | | | | Value e.g. 150 | | | | | | | Unit e.g. mm | | | Parameter 3 | | | | Value e.g. 150 | | | | | | Unit e.g. mm | Parameter 3 | | Value e.g. 150 | | | | | Unit e.g. mm |
| Parameter | | | | Value | | | | | | | Unit | | | Parameter | | | | Value | | | | | | Unit | Parameter | | Value | | | | | Unit |
| *15Minimum tank shell/wall thickness (tmin):* | Value e.g. 150 | | | | | | | | Unit e.g. mm | | | | | | Value e.g. 150 | | | | | | Unit e.g. mm | | | | | Value e.g. 150 | | | | Unit e.g. mm | | | |
| Value | | | | | | | | Unit | | | | | | Value | | | | | | Unit | | | | | Value | | | | Unit | | | |
| *16Material of construction of tank e.g. mild steel:* | Click to enter text. | | | | | | | | | | | | | | Click to enter text. | | | | | | | | | | | Click to enter text. | | | | | | | |
| *17Tank is atmospheric?*  *(click to choose pressure unit)* |  | | | Yes | | | |  | | | No | | | |  | | | Yes | |  | | No | | | |  | Yes | |  | | No | | |
| *If no, specify working pressure e.g. 150 psi:* | | | | | | | | | | | | | | *If no, specify working pressure e.g. 150 psi:* | | | | | | | | | | | *If no, specify working pressure e.g. 150 psi:* | | | | | | | |
| Value e.g. 150 | | | | | | | | Unit e.g. psi | | | | | | Value e.g. 150 | | | | | | Unit e.g. psi | | | | | Value e.g. 150 | | | | Unit e.g. psi | | | |
| Value | | | | | | | | Unit | | | | | | Value | | | | | | Unit | | | | | Value | | | | Unit | | | |
| *18Date of manufacture of tank: (click to choose e.g. 20 Jun 2010 )* | Click to enter date | | | | | | | | | | | | | | Click to enter date | | | | | | | | | | | Click to enter date | | | | | | | |
| *19Manufacturer’s serial number of tank e.g. DCM 33210:* | Click to enter text. | | | | | | | | | | | | | | Click to enter text. | | | | | | | | | | | Click to enter text. | | | | | | | |
| *20Primary means of tank level determination: (click to choose e.g. level indicator)* | Click to choose an item. | | | | | | | | | | | | | | Click to choose an item. | | | | | | | | | | | Click to choose an item. | | | | | | | |
| If other, specify type below | | | | | | | | | | | | | | If other, specify type below | | | | | | | | | | | If other, specify type below | | | | | | | |
| Click to enter text. | | | | | | | | | | | | | | Click to enter text. | | | | | | | | | | | Click to enter text. | | | | | | | |
| *21Design code for tank:*  *(click to choose e.g. API)* | Click to choose | | | | | | | | | | | | | | Click to choose | | | | | | | | | | | Click to choose | | | | | | | |
| If other, specify type below | | | | | | | | | | | | | | If other, specify type below | | | | | | | | | | | If other, specify type below | | | | | | | |
| Click to enter text. | | | | | | | | | | | | | | Click to enter text. | | | | | | | | | | | Click to enter text. | | | | | | | |
| *22Diameter of fill piping:*  *(click to choose unit)* | Value e.g. 2 | | | | | | | Unit e.g. in. | | | | | | | Value e.g. 2 | | | | | | Unit e.g. in. | | | | | Value e.g. 2 | | | | Unit e.g. in. | | | |
| Click to enter | | | | | | | Unit | | | | | | | Click to enter | | | | | | Unit | | | | | Click to enter | | | | Unit | | | |
| *23Diameter of discharge piping:*  *(click to choose unit)* | Value e.g. 2 | | | | | | | Unit e.g. in. | | | | | | | Value e.g. 2 | | | | | | Unit e.g. in. | | | | | Value e.g. 2 | | | | Unit e.g. in. | | | |
| Click to enter | | | | | | | Unit | | | | | | | Click to enter | | | | | | Unit | | | | | Click to enter | | | | Unit | | | |
| *24Diameter of vent piping:*  *(click to choose unit)* | Value e.g. 2 | | | | | | | Unit e.g. in. | | | | | | | Value e.g. 2 | | | | | | Unit e.g. in. | | | | | Value e.g. 2 | | | | Unit e.g. in. | | | |
| Click to enter | | | | | | | Unit | | | | | | | Click to enter | | | | | | Unit | | | | | Click to enter | | | | Unit | | | |
| *25aType of secondary containment* |  | | | Double-wall tank | | | |  | | | Bund | | | |  | | | Double-wall tank | | |  | | | Bund | |  | Double-wall tank | | |  | | Bund | |
|  | | | Drain & Pit | | | |  | | | None | | | |  | | | Drain & Pit | | |  | | | None | |  | Drain & Pit | | |  | | None | |
| *25bIf double-walled tank, material of construction of outer shell e.g. steel:* | Click to enter text. | | | | | | | | | | | | | | Click to enter text. | | | | | | | | | | | Click to enter text. | | | | | | | |
| *25cIf double-walled tank, means on interstitial space leak detection:*  *(click to choose e.g. sensor)* | Click to choose. | | | | | | | | | | | | | | Click to choose. | | | | | | | | | | | Click to choose. | | | | | | | |
| If other specify below: | | | | | | | | | | | | | | If other specify below: | | | | | | | | | | | If other specify below: | | | | | | | |
| Click to enter text. | | | | | | | | | | | | | | Click to enter text. | | | | | | | | | | | Click to enter text. | | | | | | | |
| *25dIf bunded, are all tanks in the same bund?* |  | | | Yes | | | | |  | | | | | No | *If yes, dimensions of bund:* | | | | | | | | | | | Length: | | Value e.g. 20 | | | | | Unit e.g. in. |
| Value | | | | | Unit |
| Width: | | Value e.g. 20 | | | | | Unit e.g. in. |
| Value | | | | | Unit |
| Height: | | Value e.g. 20 | | | | | Unit e.g. in. |
| Value | | | | | Unit |
| *25eIf tanks are not in the same bund, dimensions of individual tank bund:* | Length: | | | | | Value e.g. 20 | | | | | | Unit e.g. in. | | | Length: | | | | Value e.g. 20 | | | | | | Unit e.g. in. | Length: | | Value e.g. 20 | | | | | Unit e.g. in. |
| Value | | | | | | Unit | | | Value | | | | | | Unit | Value | | | | | Unit |
| Width: | | | | | Value e.g. 20 | | | | | | Unit e.g. in. | | | Width: | | | | Value e.g. 20 | | | | | | Unit e.g. in. | Width: | | Value e.g. 20 | | | | | Unit e.g. in. |
| Value | | | | | | Unit | | | Value | | | | | | Unit | Value | | | | | Unit |
| Height: | | | | | Value e.g. 20 | | | | | | Unit e.g. in. | | | Height: | | | | Value e.g. 20 | | | | | | Unit e.g. in. | Height: | | Value e.g. 20 | | | | | Unit e.g. in. |
| Value | | | | | | Unit | | | Value | | | | | | Unit | Value | | | | | Unit |
| *26Material of construction of bund wall:* | Click to enter text. | | | | | | | | | | | | | | Click to enter text. | | | | | | | | | | | Click to enter text. | | | | | | | |
| *27Minimum (shell to shell) spacing between tanks?* | Value e.g. 20 | | | | | | | | Unit e.g. in. | | | | | |  | | | | | | Not applicable | | | | |  | | | | | | | |
| Click to enter | | | | | | | | Unit | | | | | |

|  |  |  |  |
| --- | --- | --- | --- |
| Section F: Attachments | |  | |
| *Attached to this application is/are: (tick all that applies)* | | | |
|  | 1Plot plan of the storage system and surrounding infrastructure |  | 8Manufacturer’s Specification Sheets for Auxiliary Equipment |
|  | 2Drawing of tank/s and piping |  | 9City/Borough/Regional Corporation letter of approval |
|  | 3Underground Piping Pressure Test Certificate |  | 10Deed of Ownership of Land/ Letter of Permission to Construct on Land |
|  | 4Standard Operating Procedures |  | 11Other (specify below) |
|  | 5Emergency Response Plan | 1 | Click here to enter text. |
|  | 6Fire Service Division report/ approval | 2 | Click here to enter text. |
|  | 7Certificate of Environmental Clearance (if storage capacity > 17,500 IG) | 3 | Click here to enter text. |

|  |  |
| --- | --- |
| Section G: Other Information |  |
| Click to enter text | |

**…………………………………………………………………………………………………………………………………………………**

**For Official Use Only** *(Do not enter any information in this section)*

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | | | | | | | | **Date** |
| *1Officer/s assigned* |  | | | | | | | |  |
| *2MEEA’s preliminary site visit:* | **☐** | Yes |  | **☐** | No |  | **☐** | NA |  |
| *3MEEA’s site approval:* | **☐** | Yes |  | **☐** | No |  | **☐** | NA |  |
| *4Fire Service Division’s approval:* | **☐** | Yes |  | **☐** | No |  | **☐** | NA |  |
| *5Piping pressure test certificates:* | **☐** | Yes |  | **☐** | No |  | **☐** | NA |  |
| *6OSHA’s approval:* | **☐** | Yes |  | **☐** | No |  | **☐** | NA |  |
| *7EMA’s approval:* | **☐** | Yes |  | **☐** | No |  | **☐** | NA |  |
| *8TCPD’s approval:* | **☐** | Yes |  | **☐** | No |  | **☐** | NA |  |
| *9MEEA’s pre-commissioning inspection:* | **☐** | Yes |  | **☐** | No |  | **☐** | NA |  |
| *10ERP submitted:* | **☐** | Yes |  | **☐** | No |  | **☐** | NA |  |
| *11SOPs submitted:* | **☐** | Yes |  | **☐** | No |  | **☐** | NA |  |
| *12Tank/piping drawings:* | **☐** | Yes |  | **☐** | No |  | **☐** | NA |  |
| *13Site plan:* | **☐** | Yes |  | **☐** | No |  | **☐** | NA |  |
| *14Tanks/ equipment spec. sheets:* | **☐** | Yes |  | **☐** | No |  | **☐** | NA |  |
| *15MEEA’s final approval:* | **☐** | Yes |  | **☐** | No |  | **☐** | NA |  |
| *16Final approval certificate number:* |  | | | | | | | | |

**…End of Application Form…**

**Ministry of Energy and Energy Affairs**

**Application for Storage Approval of Refined Petroleum Products at ‘End User’ Facilities Supplemental Form**

**Please complete and attach only if the number of tanks in the system for which approval is sought, exceeds three (3). The submission of this section of the application form is not necessary if the number of tanks to be installed at the premises does not exceed three (3).**

| Section E: Tanks Information | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Provide the listed information for each tank below. For additional tanks, use the supplemental form.* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Tank **4** | | | | | | | | | | | | | | Tank **5** | | | | | | | | | | | Tank **6** | | | | | | | |
| *1Product to be stored in tank:*  *(click to choose e.g. diesel)* | Choose an item. | | | | | | | | | | | | | | Choose an item. | | | | | | | | | | | Choose an item. | | | | | | | |
| If other, specify below: | | | | | | | | | | | | | | If other, specify below: | | | | | | | | | | | If other, specify below: | | | | | | | |
| Click here to enter text. | | | | | | | | | | | | | | Click here to enter text. | | | | | | | | | | | Click here to enter text. | | | | | | | |
| *2Operational status of tank:*  *(click to choose e.g. currently in use)* | Choose an item. | | | | | | | | | | | | | | Choose an item. | | | | | | | | | | | Choose an item. | | | | | | | |
| *3Tank is located:*  *(Tick all that apply)* |  | Aboveground | | | | |  | | | Underground | | | | |  | | Aboveground | | | |  | | Underground | | |  | Aboveground | | |  | | Underground | |
|  | Indoor | | | | |  | | | Outdoor | | | | |  | | Indoor | | | |  | | Outdoor | | |  | Indoor | | |  | | Outdoor | |
|  | Roof | | | | |  | | | Basement | | | | |  | | Roof | | | |  | | Basement | | |  | Roof | | |  | | Basement | |
|  | Warehouse | | | | |  | | | Internal day tank | | | | |  | | Warehouse | | | |  | | Internal day tank | | |  | Warehouse | | |  | | Internal day tank | |
|  | Mounded | | | | |  | | | Other | | | | |  | | Mounded | | | |  | | Other | | |  | Mounded | | |  | | Other | |
| If other specify below: | | | | | | | | | | | | | | If other specify below: | | | | | | | | | | | If other specify below: | | | | | | | |
| Click here to enter text. | | | | | | | | | | | | | | Click here to enter text. | | | | | | | | | | | Click here to enter text. | | | | | | | |
| *4Tank is:*  *(Tick all that apply)* |  | Fixed | | | | | | |  | | | | Mobile | |  | | Fixed | | |  | | Mobile | | | |  | Fixed | | |  | | Mobile | |
|  | Permanent | | | | | | |  | | | | Temporary | |  | | Permanent | | |  | | Temporary | | | |  | Permanent | | |  | | Temporary | |
|  | New | | | | | | |  | | | | Used | |  | | New | | |  | | Used | | | |  | New | | |  | | Used | |
|  | Shop-built | | | | | | |  | | | | Field-erected | |  | | Shop-built | | |  | | Field-erected | | | |  | Shop-built | | |  | | Field-erected | |
|  | Rigid | | | | | | |  | | | | Flexible | |  | | Rigid | | |  | | Flexible | | | |  | Rigid | | |  | | Flexible | |
| *5Product flow from the tank is by:*  *(click to choose e.g. gravity)* | Choose an item. | | | | | | | | | | | | | | Choose an item. | | | | | | | | | | | Choose an item. | | | | | | | |
| If other specify below: | | | | | | | | | | | | | | If other specify below: | | | | | | | | | | | If other specify below: | | | | | | | |
| Click to enter text. | | | | | | | | | | | | | | Click to enter text. | | | | | | | | | | | Click to enter text. | | | | | | | |
| *6Material of constructionof tank foundation:*  *(click to choose e.g. concrete)* | Choose an item. | | | | | | | | | | | | | | Choose an item. | | | | | | | | | | | Choose an item. | | | | | | | |
| If other specify below: | | | | | | | | | | | | | | If other specify below: | | | | | | | | | | | If other specify below: | | | | | | | |
| Click to enter text. | | | | | | | | | | | | | | Click to enter text. | | | | | | | | | | | Click to enter text. | | | | | | | |
| *7Terrain in the vicinity of the tank is: (click to choose e.g. flat)* | Choose an item. | | | | | | | | | | | | | | Choose an item. | | | | | | | | | | | Choose an item. | | | | | | | |
| *8Auxilliary Equipment:*  *(If available, attach manufacturer’s specification sheets)* |  | Pump | | | | | | |  | | | | Dispenser | |  | | Pump | | | |  | | Dispenser | | |  | Pump | | |  | | Dispenser | |
|  | Generator | | | | | | |  | | | | Boiler | |  | | Generator | | | |  | | Boiler | | |  | Generator | | |  | | Boiler | |
|  | Hose and nozzle | | | | | | |  | | | | Incinerator | |  | | Hose and nozzle | | | |  | | Incinerator | | |  | Hose and nozzle | | |  | | Incinerator | |
|  | Flowmeter | | | | | | |  | | | | Other | |  | | Flowmeter | | | |  | | Other | | |  | Flowmeter | | |  | | Other | |
| If other specify below: | | | | | | | | | | | | | | If other specify below: | | | | | | | | | | | If other specify below: | | | | | | | |
| Click to enter text. | | | | | | | | | | | | | | Click to enter text. | | | | | | | | | | | Click to enter text. | | | | | | | |
| *9Tank used to supply marine vessels with fuel?* |  | | Yes | | | | | |  | | | | No | |  | | Yes | | | |  | | No | | |  | Yes | | |  | | No | |
| *10Located within 50 feet of the tank is/ are:*  *(Tick all that apply. Where applicable, the separation distances must be illustrated on a plot plan).* |  | | | Important buildings | | | | |  | | | | Electrical power lines | |  | | Important buildings | | | |  | | Electrical power lines | | |  | Important buildings | | |  | | Electrical power lines | |
|  | | | Sources of ignition | | | | |  | | | | Compressed gas storages | |  | | Sources of ignition | | | |  | | Compressed gas storages | | |  | Sources of ignition | | |  | | Compressed gas storages | |
|  | | | Mechanical air intake devices | | | | |  | | | | Overgrown vegetation | |  | | Mechanical air intake devices | | | |  | | Overgrown vegetation | | |  | Mechanical air intake devices | | |  | | Overgrown vegetation | |
|  | | | Property line/ Public roadway | | | | |  | | | | Places of public assemblage | |  | | Property line/ Public roadway | | | |  | | Places of public assemblage | | |  | Property line/ Public roadway | | |  | | Places of public assemblage | |
|  | | | Natural water courses | | | | |  | | | | LPG storages | |  | | Natural water courses | | | |  | | LPG storages | | |  | Natural water courses | | |  | | LPG storages | |
|  | | | Coastline | | | | |  | | | | Drains | |  | | Coastline | | | |  | | Drains | | |  | Coastline | | |  | | Drains | |
|  | | | Emergency Exit | | | | |  | | | | Stairway | |  | | Emergency Exit | | | |  | | Stairway | | |  | Emergency Exit | | |  | | Stairway | |
| *11Tank is readily accessible to the public?* |  | | | Yes | | | | |  | | | | No | |  | | Yes | | | |  | | No | | |  | Yes | | |  | | No | |
| *12Water capacity of tank:* | Value e.g. 150 | | | | | | | | Unit e.g. Imp Gallon | | | | | | Value e.g. 150 | | | | | | Unit e.g. Imp Gallon | | | | | Value e.g. 150 | | | | Unit e.g. Imp Gallon | | | |
| Click to enter text. | | | | | | | | Unit | | | | | | Click to enter text. | | | | | | Unit | | | | | Click to enter text. | | | | Unit | | | |
| *13Shape of tank:*  *(click to choose e.g. upright cylindrical)* | Click to choose a shape | | | | | | | | | | | | | | Click to choose shape | | | | | | | | | | | Click to choose shape | | | | | | | |
| *14Dimensions of tank:*  *(Diameter X Length; Diameter X Height; or Length X Width X Height):*  *(click to choose parameter e.g. length)* | Parameter 1 | | | | Value e.g. 150 | | | | | | | Unit e.g. mm | | | Parameter 1 | | | | Value e.g. 150 | | | | | | Unit e.g. mm | Parameter 1 | | Value e.g. 150 | | | | | Unit e.g. mm |
| Parameter | | | | Value | | | | | | | Unit | | | Parameter | | | | Value | | | | | | Unit | Parameter | | Value | | | | | Unit |
| Parameter 2 | | | | Value e.g. 150 | | | | | | | Unit e.g. mm | | | Parameter 2 | | | | Value e.g. 150 | | | | | | Unit e.g. mm | Parameter 2 | | Value e.g. 150 | | | | | Unit e.g. mm |
| Parameter | | | | Value | | | | | | | Unit | | | Parameter | | | | Value | | | | | | Unit | Parameter | | Value | | | | | Unit |
| Parameter 3 | | | | Value e.g. 150 | | | | | | | Unit e.g. mm | | | Parameter 3 | | | | Value e.g. 150 | | | | | | Unit e.g. mm | Parameter 3 | | Value e.g. 150 | | | | | Unit e.g. mm |
| Parameter | | | | Value | | | | | | | Unit | | | Parameter | | | | Value | | | | | | Unit | Parameter | | Value | | | | | Unit |
| *15Minimum tank shell/wall thickness (tmin):* | Value e.g. 150 | | | | | | | | Unit e.g. mm | | | | | | Value e.g. 150 | | | | | | Unit e.g. mm | | | | | Value e.g. 150 | | | | Unit e.g. mm | | | |
| Value | | | | | | | | Unit | | | | | | Value | | | | | | Unit | | | | | Value | | | | Unit | | | |
| *16Material of construction of tank e.g. mild steel:* | Click to enter text. | | | | | | | | | | | | | | Click to enter text. | | | | | | | | | | | Click to enter text. | | | | | | | |
| *17Tank is atmospheric?*  *(click to choose pressure unit)* |  | | | Yes | | | |  | | | No | | | |  | | | Yes | |  | | No | | | |  | Yes | |  | | No | | |
| *If no, specify working pressure e.g. 150 psi:* | | | | | | | | | | | | | | *If no, specify working pressure e.g. 150 psi:* | | | | | | | | | | | *If no, specify working pressure e.g. 150 psi::* | | | | | | | |
| Value e.g. 150 | | | | | | | | Unit e.g. psi | | | | | | Value e.g. 150 | | | | | | Unit e.g. psi | | | | | Value e.g. 150 | | | | Unit e.g. psi | | | |
| Value | | | | | | | | Unit | | | | | | Value | | | | | | Unit | | | | | Value | | | | Unit | | | |
| *18Date of manufacture of tank: (click to choose e.g. 20 Jun 2010 )* | Click to enter date | | | | | | | | | | | | | | Click to enter date | | | | | | | | | | | Click to enter date | | | | | | | |
| *19Manufacturer’s serial number of tank e.g. DCM 33210:* | Click to enter text. | | | | | | | | | | | | | | Click to enter text. | | | | | | | | | | | Click to enter text. | | | | | | | |
| *20Primary means of tank level determination: (click to choose e.g. level indicator)* | Click to choose an item. | | | | | | | | | | | | | | Click to choose an item. | | | | | | | | | | | Click to choose an item. | | | | | | | |
| If other, specify type below | | | | | | | | | | | | | | If other, specify type below | | | | | | | | | | | If other, specify type below | | | | | | | |
| Click to enter text. | | | | | | | | | | | | | | Click to enter text. | | | | | | | | | | | Click to enter text. | | | | | | | |
| *21Design code for tank:*  *(click to choose e.g. API)* | Click to choose | | | | | | | | | | | | | | Click to choose | | | | | | | | | | | Click to choose | | | | | | | |
| If other, specify type below | | | | | | | | | | | | | | If other, specify type below | | | | | | | | | | | If other, specify type below | | | | | | | |
| Click to enter text. | | | | | | | | | | | | | | Click to enter text. | | | | | | | | | | | Click to enter text. | | | | | | | |
| *22Diameter of fill piping:*  *(click to choose unit)* | Value e.g. 2 | | | | | | | Unit e.g. in. | | | | | | | Value e.g. 2 | | | | | | Unit e.g. in. | | | | | Value e.g. 2 | | | | Unit e.g. in. | | | |
| Click to enter | | | | | | | Unit | | | | | | | Click to enter | | | | | | Unit | | | | | Click to enter | | | | Unit | | | |
| *23Diameter of discharge piping:*  *(click to choose unit)* | Value e.g. 2 | | | | | | | Unit e.g. in. | | | | | | | Value e.g. 2 | | | | | | Unit e.g. in. | | | | | Value e.g. 2 | | | | Unit e.g. in. | | | |
| Click to enter | | | | | | | Unit | | | | | | | Click to enter | | | | | | Unit | | | | | Click to enter | | | | Unit | | | |
| *24Diameter of vent piping:*  *(click to choose unit)* | Value e.g. 2 | | | | | | | Unit e.g. in. | | | | | | | Value e.g. 2 | | | | | | Unit e.g. in. | | | | | Value e.g. 2 | | | | Unit e.g. in. | | | |
| Click to enter | | | | | | | Unit | | | | | | | Click to enter | | | | | | Unit | | | | | Click to enter | | | | Unit | | | |
| *25aType of secondary containment* |  | | | Double-wall tank | | | |  | | | Bund | | | |  | | | Double-wall tank | | |  | | | Bund | |  | Double-wall tank | | |  | | Bund | |
|  | | | Drain & Pit | | | |  | | | None | | | |  | | | Drain & Pit | | |  | | | None | |  | Drain & Pit | | |  | | None | |
| *25bIf double-walled tank, material of construction of outer shell e.g. steel:* | Click to enter text. | | | | | | | | | | | | | | Click to enter text. | | | | | | | | | | | Click to enter text. | | | | | | | |
| *25cIf double-walled tank, means on interstitial space leak detection e.g. sensor:*  *(click to choose)* | Click to choose. | | | | | | | | | | | | | | Click to choose. | | | | | | | | | | | Click to choose. | | | | | | | |
| If other specify below: | | | | | | | | | | | | | | If other specify below: | | | | | | | | | | | If other specify below: | | | | | | | |
| Click to enter text. | | | | | | | | | | | | | | Click to enter text. | | | | | | | | | | | Click to enter text. | | | | | | | |
| *25dIf bunded, are all tanks in the same bund?* |  | | | Yes | | | | |  | | | | | No | *If yes, dimensions of bund:* | | | | | | | | | | | Length: | | Value e.g. 20 | | | | | Unit e.g. in. |
| Value | | | | | Unit |
| Width: | | Value e.g. 20 | | | | | Unit e.g. in. |
| Value | | | | | Unit |
| Height: | | Value e.g. 20 | | | | | Unit e.g. in. |
| Value | | | | | Unit |
| *25eIf tanks are not in the same bund, dimensions of individual tank bund:* | Length: | | | | | Value e.g. 20 | | | | | | Unit e.g. in. | | | Length: | | | | Value e.g. 20 | | | | | | Unit e.g. in. | Length: | | Value e.g. 20 | | | | | Unit e.g. in. |
| Value | | | | | | Unit | | | Value | | | | | | Unit | Value | | | | | Unit |
| Width: | | | | | Value e.g. 20 | | | | | | Unit e.g. in. | | | Width: | | | | Value e.g. 20 | | | | | | Unit e.g. in. | Width: | | Value e.g. 20 | | | | | Unit e.g. in. |
| Value | | | | | | Unit | | | Value | | | | | | Unit | Value | | | | | Unit |
| Height: | | | | | Value e.g. 20 | | | | | | Unit e.g. in. | | | Height: | | | | Value e.g. 20 | | | | | | Unit e.g. in. | Height: | | Value e.g. 20 | | | | | Unit e.g. in. |
| Value | | | | | | Unit | | | Value | | | | | | Unit | Value | | | | | Unit |
| *26Material of construction of bund wall:* | Click to enter text. | | | | | | | | | | | | | | Click to enter text. | | | | | | | | | | | Click to enter text. | | | | | | | |
| *27Minimum (shell to shell) spacing between tanks?* | Value e.g. 20 | | | | | | | | Unit e.g. in. | | | | | |  | | | | | | Not applicable | | | | |  | | | | | | | |
| Click to enter | | | | | | | | Unit | | | | | |

**…End of Supplemental Form…**