



FORM E

Application for an amendment of a licence in terms of section 23 of the Petroleum Pipelines Act, 2003 (Act No. 60 of 2003)

INSTRUCTIONS

1. Before completing this form, you are advised to read the following documents:
 - (a) the Petroleum Pipelines Act, 2003 (Act No. 60 Of 2003) and Its Regulations; and
 - (b) the Rules made in terms of the Petroleum Pipelines Act, specifically rule
2. Please note that this form has five sections (A, B, C, D & E). An applicant must provide all information and supporting documentation required. Incomplete applications will not be accepted.
3. The completed form with supporting documentation must be delivered to the Energy Regulator:
 - (a) by registered mail to: P O Box 40343, Arcadia 0007; or
 - (b) by hand at: Kulawula House, 526 Madiba Street, Arcadia, Pretoria; or
 - (c) electronically to pipelines@nersa.org.za; or
 - (d) by fax to 012 401 4700
4. If you want to request the confidential treatment of certain information in your application, you must do so in accordance with Rule 4 of the Rules made in terms of the Petroleum Pipelines Act.

Enquiries:

Contact: Executive Manager: Petroleum Pipelines Regulation
Contact No: (012) 401 4600
Fax No.: (012) 401 4700

Official Use Only

Date received
Reference number

NERSA	
Received without prejudice	
2017-01-20	
Petroleum Pipelines Regulation	
Received by:	Noko Mathwale
Received from:	Vopak Terminal Durban (Pty) Ltd

SECTION A: CATEGORY OF THE APPLICANT

1. Indicate if you are the licence holder or a party affected by the licence by ticking the appropriate box below:

I am the licence holder

I am a party affected by the licence

SECTION B: DETAILS OF THE APPLICANT

2. Full registered name of the applicant **Vopak Terminal Durban.**
3. Trading name of the applicant (if different from the registered name)
N/A.
4. Registration number of company (if applicable) **1996/011237/07.**
5. Name of mandated representative (if applicable). Attach documentary proof of mandate given to representative **Sandile Sibusiso C. Zulu.**
6. Physical address **105 Taiwan Road, Island View, 4036.**
7. Postal address **P.O.Box 21030, Bluff 4036.**
8. Telephone number **(031) 466 9236.**
9. Fax Number **(031) 466 9273.**
10. Email address **sibusiso.zulu@vopk.com.**
11. Details of mandated representative, including:
- (a) Designation: **Commercial Manager.**
 - (b) family name **Zulu.**
 - (c) first name **Sandile Sibusiso C.**
 - (d) telephone number **(031) 4669236.**
 - (e) fax number **(031) 466 9273.**
 - (f) email address. **sibusiso.zulu@vopak.com.**

SECTION C: DETAILS OF THE LICENCE

12. Name of licensee: Vopak Durban Terminal.

13. Type of licence or licensed activity to which this application is applicable:

License amendment - construction of additional tanks.

14. Location of the facility Durban.

15. State the licence number (if known): **PPL.sf.F1/116/2012.**

SECTION D: DETAILS OF THE APPLICATION

16. Clearly indicate the amendments that you seek. Please indicate each amendment sought separately and provide details thereof. If the amendment is to a particular condition, cite the condition. (Add additional page(s), if necessary).

Vopak Terminal Durban is developing the construction of additional Fuel storage capacity on Farewell / King site.

The high level scope of this project:

- **4 tanks of 20.000 cbm**
- **2 tanks of 18.600 cbm**
- **2 tanks of 10.200 cbm**
- **2 tanks of 12.350 cbm**
- **Marine loading arm on berth 5 and 9**
- **3 additional road loading gantries to be linked to the existing road loading infrastructure, licensed under Fuel 3 plus 3 addition**

(For more details we would like to refer of Chapter 3 of this document.)

17. Provide detailed reasons and motivation for each of the amendments sought in 16 above (add additional page(s), if necessary).

High fuel storage demand in Durban

18. Substantiate your reasons and motivation in 17 above by submitting documentary proof of your claims.

Island View is short of land for Vopak Terminal Expansion. All growth is now limited to retrofitting existing infrastructure.

19. Where the amendment sought is an amendment to an existing tariff, information listed in rules 12(7) and 12(8) must also be provided. N/A

SECTION E: SOLEMN DECLARATION BY APPLICANT OR MANDATED REPRESENTATIVE

I (full names) **Sandile Sibusiso C, Zulu**, Identity Number _____, hereby declare that:

- (a) I am authorised by Paul Cox (Vopak Terminal Durban Managing Director) to make this declaration (attach the authorisation); and
- (b) all information provided herein is within my personal knowledge and is both true and correct.

Signed at **Durban** (place) on this **7th** day of **December** (month) **2016** (year).

.....
Signature

I certify that the deponent:

- (a) has acknowledged that he knows and understands the contents of this application form and its annexures, that she/he has no objection to taking the prescribed oath and that she/he considers the oath binding on her/his conscience; and
- (b) has in the prescribed manner sworn that the contents of this application form and its annexures are true and signed same before me at **Durban** (place) on this **7** day of **December** (month) **2016** (year).

.....
COMMISSIONER OF OATHS

Name:

Address:

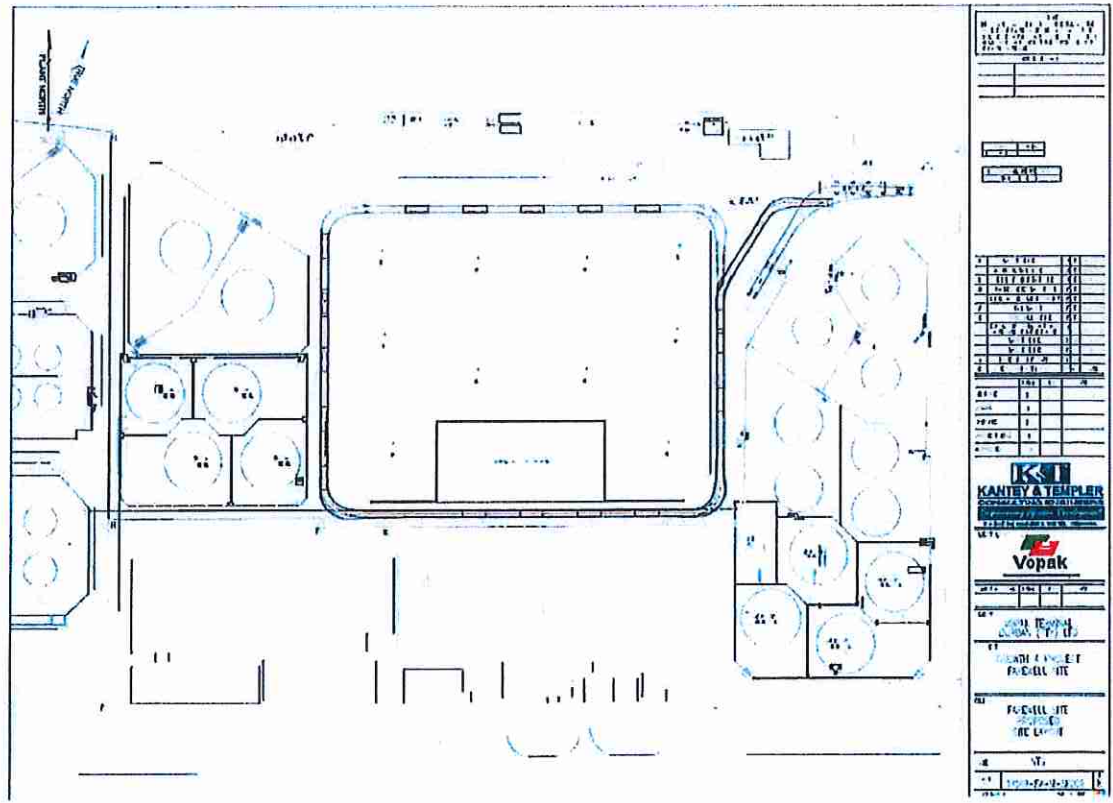
Capacity:

NOMBUSO NONTOKOZO CYNTHIA ZONDI
Commissioner of Oaths
HR Professional (HRP)
Member number 12124
105 Taiwan Road
Island View Bluff
Durban, 4052

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"I certify that the DEPONENT has acknowledged that he/she knows and understands the contents of this affidavit, that he/she does not have any objection to taking the oath, and that he/she considers it to be binding on his/her conscience, and which was sworn to and signed before me at **Bluff** on this the **7** day of **December 2016**, and that the administering oath complied with the regulations contained in Government Gazette No: R1258 of 21 July 1972, as amended"

Annex Chapter 3.1.b



Tag Number	Description	Location	Fluid	Type	Venting	Design Code	Gross Capacity m ³	Operating Capacity m ³	Operating Pressure (kPa/g)	Design Pressure (kPa/g)	Operating Temperature °C	Design Temperature °C	Material	Diameter m	Height m	Cooling / Heating / Insulation	Internal Lining	Notes
D-TPPW1-1033	Additive Storage Tank	Blend Plant	Petrol Additive	Vertical, Fixed Roof	Free	SANS 10131	23	22	0	-0.25 / 2.5	25	0 / 93	Carbon Steel	2.33	5.477	None	None	
D-TPPW1-1032	Additive Storage Tank	Blend Plant	Petrol Additive	Vertical, Fixed Roof	Free	SANS 10131	23	22	0	-0.25 / 2.5	25	0 / 93	Carbon Steel	2.33	5.477	None	None	
D-TPPW1-1080	Storage Tank	Forewell	Diesel	Fixed Cone Roof	Free	API650	20912	19395	0	-0.25 / 2.5	25	0 / 93	Carbon Steel	28	32.5	None	Bottom and lowest 1m only	Operating capacity subject to confirmation
D-TPPW1-1081	Storage Tank	Forewell	Diesel	Fixed Cone Roof	Free	API650	10210	9766	0	-0.25 / 2.5	25	0 / 93	Carbon Steel	20	32.5	None	Bottom and lowest 1m only	Operating capacity subject to confirmation
D-TPPW1-1082	Storage Tank	Forewell	Diesel	Fixed Cone Roof	Free	API650	20012	19395	0	-0.25 / 2.5	25	0 / 93	Carbon Steel	28	32.5	None	Bottom and lowest 1m only	Operating capacity subject to confirmation
D-TPPW1-1083	Storage Tank	Forewell	Diesel	Fixed Cone Roof	Free	API650	12354	11873	0	-0.25 / 2.5	25	0 / 93	Carbon Steel	28	32.5	None	Bottom and lowest 1m only	Operating capacity subject to confirmation
D-TPPW1-1084	Storage Tank	Forewell	Diesel	Fixed Cone Roof	Free	API650	18108	18016	0	-0.25 / 2.5	25	0 / 93	Carbon Steel	27	32.5	None	Bottom and lowest 1m only	Operating capacity subject to confirmation
D-TPPW1-1075	Storage Tank	Forewell	Petrol / Diesel	Fixed Cone Roof	Internal Floating Roof	API650	10210	9766	0	-0.25 / 2.5	25	0 / 93	Carbon Steel	20	32.5	None	Bottom and lowest 1m only	Operating capacity subject to confirmation
D-TPPW1-1076	Storage Tank	Forewell	Petrol / Diesel	Fixed Cone Roof	Internal Floating Roof	API650	20012	19395	0	-0.25 / 2.5	25	0 / 93	Carbon Steel	28	32.5	None	Bottom and lowest 1m only	Operating capacity subject to confirmation
D-TPPW1-1077	Storage Tank	Forewell	Petrol / Diesel	Fixed Cone Roof	Internal Floating Roof	API650	12354	11978	0	-0.25 / 2.5	25	0 / 93	Carbon Steel	28	32.5	None	Bottom and lowest 1m only	Operating capacity subject to confirmation
D-TPPW1-1078	Storage Tank	Forewell	Petrol / Diesel	Fixed Cone Roof	Internal Floating Roof	API650	20012	19580	0	-0.25 / 2.5	25	0 / 93	Carbon Steel	28	32.5	None	Bottom and lowest 1m only	Operating capacity subject to confirmation
D-TPPW1-1079	Storage Tank	Forewell	Petrol / Diesel	Fixed Cone Roof	Internal Floating Roof	API650	18608	18281	0	-0.25 / 2.5	25	0 / 93	Carbon Steel	27	32.5	None	Bottom and lowest 1m only	Operating capacity subject to confirmation
D-PP300-107	Product Recovery Tank	Forewell	Petrol / Diesel	Pressure Vessel	Pressure Vacuum Break Valve	ASME VIII Div 2	5	4.5	500	-1070 / 500	25	0 / 30	Carbon Steel	1.656	2.19	None	None	

Annex Chapter 3.1.i.iii and iv

Containment Systems & Systems to Prevent Overflow and Leakage:

iii Bunds

Allowance was made for a 3.85 meter high above ground reinforced concrete bund wall with joints at 6 meter centres, which will contain 110% of the biggest tank plus 100 mm freeboard, within the area allocated for the 12 tanks. The only internal wall was between smaller and bigger tanks.

A concrete bund floor with 1mm thick HDPE lining underneath has been measured including construction saw cut joints and sealant. A reinforced concrete bund is provided for the fuel pumps and manifold areas.

v. Bund Drainage

Drainage from the new bund will be collected in sumps located inside the bund. The sumps will be located at positions that will collect runoff from around each tank to prevent minor spills from spreading to other areas in the bund. A submersible pump will be provided in the sump to pump clean water to stormwater. If hydrocarbons are detected in the sump then the contents are to be pumped out to gully sucker or to the waste water treatment plant. If no hydrocarbons are detected in the sump then the contents are pumped to stormwater.

At strategic sumps in the bund a fire water pump out connection will be provided for removing firefighting water from the bund. This is subject to approval by the fire chief.

V Continuously Oil Contaminated Drainage

Drainage from the following areas are to be routed to the new Waste Water Treatment Plant. This will be undertaken by the construction of the local sump to collect runoff, from where the effluent will be pumped to the waste water treatment plant:

- Fuel manifold
- King site road loading gantry, Bund 4 pumpbay & hose exchange.
- Bund 5 pumpbay & hose exchange.
- Bund 6 pumpbay and hose exchange.
- EA pumpbay and EA rail decant pumpbay.
- EA rail gantry.
- EA scrubber and pumpbay.