

INTERNATIONAL AIR POLLUTION PREVENTION CERTIFICATE

Certificate No:
n1504134-cjw
DNV GL Id No:
18600
Date of issue:
2020-09-22

Issued under the provisions of the Protocol of 1997, as amended, to amend the International Convention for the Prevention of Pollution from Ships, 1973, as modified by the Protocol of 1978 related thereto (hereinafter referred to as "the Convention") under the authority of the Government of

BARBADOS

by **DNV GL**

Particulars of Ship

Name of Ship:	NABIHA QUEEN
Distinctive Number or Letters:	8PNZ
Port of Registry:	BRIDGETOWN
Gross Tonnage:	20837
IMO Number:	9110925

This is to certify:

1. That the ship has been surveyed in accordance with regulation 5 of Annex VI of the Convention; and
2. That the survey shows that the equipment, systems, fittings, arrangements and materials fully comply with the applicable requirements of Annex VI of the Convention.

This Certificate is valid until **2023-07-01** subject to surveys in accordance with Regulation 5 of Annex VI of the Convention.

Completion date of survey on which this Certificate is based: **2018-04-05**

Issued at **Limassol, Cyprus** on **2020-09-22**



for **DNV GL**

*This document is signed electronically in accordance with IMO FAL.5/Circ.39/Rev.2. Validation and authentication can be obtained from trust.dnvgl.com by using the Unique Tracking Number (UTN): **n1504134-cjw** and ID: **18600***

Evgenios Koumoudhis
Surveyor

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Endorsement for annual and intermediate surveys

S

THIS IS TO CERTIFY:

that, at a survey required by Regulation 5 of Annex VI of the Convention, the ship was found to comply with the relevant provisions of that Annex.

Annual survey: Place: **Sluiskil, Netherlands** Date: **2019-05-17**



Signature: **Margot Visser**
Surveyor, DNV GL

Annual¹ survey: Place: **La Coruña, Spain** Date: **2020-06-16**



Signature: **Jose A. Rodriguez**
Surveyor, DNV GL

Annual/Intermediate¹ survey: Place: _____ Date: _____

Signature: _____

Stamp _____ Surveyor, DNV GL

Annual survey: Place: _____ Date: _____

Signature: _____

Stamp _____ Surveyor, DNV GL

Annual/intermediate survey in accordance with Regulation 9.8.3

AISA

THIS IS TO CERTIFY that, at an annual/intermediate¹ survey in accordance with Regulation 9.8.3 of Annex VI of the Convention, the ship was found to comply with the relevant provisions of that Annex.

Place: _____ Date: _____

Signature: _____

Stamp _____ Surveyor, DNV GL

¹ Delete as appropriate.

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Endorsement to extend the Certificate if valid for less than 5 years where Regulation 9.3 applies

EEVF

The ship complies with the relevant provisions of the Annex, and this Certificate shall, in accordance with Regulation 9.3 of Annex VI of the Convention, be accepted as valid until

Place: Date:

Signature:

Stamp

Surveyor, DNV GL

Endorsement where the renewal survey has been completed and Regulation 9.4 applies

ERC

The ship complies with the relevant provisions of the Annex, and this Certificate shall, in accordance with Regulation 9.4 of Annex VI of the Convention, be accepted as valid until

Place: Date:

Signature:

Stamp

Surveyor, DNV GL

Endorsement to extend the validity of the Certificate until reaching the port of survey or for a period of grace where Regulation 9.5 or 9.6 applies

EEV

This Certificate shall, in accordance with Regulation 9.5 or 9.6¹ of Annex VI of the Convention, be accepted as valid until

Place: Date:

Signature:

Stamp

Surveyor, DNV GL

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Endorsement for advancement of anniversary date where Regulation 9.8 applies

EAA

In accordance with Regulation 9.8 of Annex VI of the Convention, the new anniversary date is

Place: Date:

Signature:

Stamp

Surveyor, DNV GL

In accordance with Regulation 9.8 of Annex VI of the Convention, the new anniversary date is

Place: Date:

Signature:

Stamp

Surveyor, DNV GL

SUPPLEMENT TO INTERNATIONAL AIR POLLUTION PREVENTION CERTIFICATE

(IAPP CERTIFICATE)

RECORD OF CONSTRUCTION AND EQUIPMENT

In respect of the provisions of Annex VI of the International Convention for the Prevention of Pollution from Ships, 1973, as modified by the Protocol of 1978 relating thereto (hereinafter referred to as "the Convention").

This Record shall be permanently attached to the IAPP Certificate. The IAPP Certificate shall be available on board the ship at all times.

The Record shall be at least in English, French or Spanish. If an official language of the issuing country is also used, this shall prevail in case of a dispute or discrepancy.

Entries in boxes shall be made by inserting either a cross (x) for the answers "yes" and "applicable" or a dash (-) for the answers "no" and "not applicable" as appropriate.

Unless otherwise stated, regulations mentioned in this Record refer to regulations of Annex VI of the Convention and resolutions or circulars refer to those adopted by the International Maritime Organization.

1. Particulars of ship

Name of Ship: **NABIHA QUEEN**
IMO Number: **9110925**
Date on which keel was laid or ship was at similar stage of construction: **1996-05-20**
Length of Ship: ² **- m**

2. Control of emissions from ships

2.1 Ozone-depleting substances (Regulation 12)

2.1.1 The following fire-extinguishing systems, other systems and equipment containing ozone-depleting substances, other than hydro-chlorofluorocarbons (HCFCs), installed before 19 May 2005 may continue in service:

System equipment	Location on board	Substance
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2.1.2 The following systems and equipment containing hydro-chlorofluorocarbons (HCFCs) installed before 1 January 2020 may continue in service:

System equipment	Location on board	Substance
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Provision Refrigeration System Engine Room		R22
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Air Condition System	Air Conditioning Unit Room	R22
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² Completed only in respect of ships constructed on or after 1 January 2016 that are specially designed, and used solely, for recreational purposes and to which, in accordance with regulation 13.5.2.1 or regulation 13.5.2.3, the NOx emission limit as given by regulation 13.5.1.1 will not apply.

2.2 Nitrogen Oxides (NOx) (Regulation 13)

2.2.1 The following marine diesel engines installed on this ship are in accordance with the requirements of regulation 13, as indicated:

Applicable regulation of MARPOL Annex VI (NTC = NOX Technical Code 2008) (AM = Approved Method)	Engine #1	Engine #2	Engine #3	Engine #4	Engine #5	Engine #6
1 Manufacturer and model	Mitsui Eng. & Shipb. Co., Ltd. Tamano Works, Mitsui MAN-B&W 6S60MC					
2 Serial Number	3417					
3 Use (applicable application cycle(s) - NTC 3.2)	E3					
4 Rated power (kW) (NTC 1.3.11)	8580					
5 Rated speed (RPM) (NTC 1.3.12)	127					
6 Identical engine installed ≥ 2000-01-01 exempted by 13.1.1.2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7 Identical engine installation date as per 13.1.1.2 (yyyy-mm-dd)						
8a Major Conversion (yyyy-mm-dd)	13.2.1.1 & 13.2.2					
8b	13.2.1.2 & 13.2.3					
8c	13.2.1.3 & 13.2.3					
9a Tier I	13.3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9b	13.2.2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9c	13.2.3.1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9d	13.2.3.2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9e	13.7.1.2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10a Tier II	13.4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10b	13.2.2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10c	13.2.2 (Tier III not possible)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10d	13.2.3.2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10e	13.5.2 (Exemptions)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10f	13.7.1.2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11a Tier III	13.5.1.1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11b (ECA-NOx only)	13.2.2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11c	13.2.3.2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11d	13.7.1.2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12 AM ³	installed	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13	not commercially available at this survey	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14	not applicable	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

2.3 Sulphur Oxides (SOx) and particulate matter (Regulation 14)

2.3.1 When the ship operates outside of an Emission Control Area specified in regulation 14.3, the ship uses:

2.3.1.1 fuel oil with a sulphur content as documented by bunker delivery notes that does not exceed the limit value of 0.50% m/m, and/or

2.3.1.2 an equivalent arrangement approved in accordance with regulation 4.1 as listed in paragraph 2.6 that is at least as effective in terms of SO_x emission reductions as compared to using a fuel oil with a sulphur content limit value of 0.50% m/m

³ Refer to the 2014 Guidelines on the approved method process (resolution MEPC.243(66)).

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- 2.3.2 When the ship operates inside an Emission Control Area specified in regulation 14.3, the ship uses:
- 2.3.2.1 fuel oil with a sulphur content as documented by bunker delivery notes that does not exceed the limit value of 0.10% m/m, and/or
 - 2.3.2.2 an equivalent arrangement approved in accordance with regulation 4.1 as listed in paragraph 2.6 that is at least as effective in terms of SO_x emission reductions as compared to using a fuel oil with a sulphur content limit value of 0.10% m/m
- 2.3.3 For a ship without an equivalent arrangement approved in accordance with regulation 4.1 as listed in paragraph 2.6, the sulphur content of fuel oil carried for use on board the ship shall not exceed 0.50% m/m as documented by bunker delivery notes

2.4 Volatile organic compounds (VOCs) (Regulation 15)

- 2.4.1 The tanker has a vapour collection system installed and approved in accordance with IMO MSC/Circ.585⁽⁴⁾:
- 2.4.2.1 For a tanker carrying crude oil, there is an approved VOC Management Plan
 - 2.4.2.2 VOC Management Plan approval reference: -

2.5 Shipboard Incineration (Regulation 16)

The ship has an incinerator:

- 2.5.1 installed on or after 1 January 2000 which complies with:
- 2.5.1.1 resolution MEPC.76(40), as amended⁵
 - 2.5.1.2 resolution MEPC.244(66)
- 2.5.2 installed before 1 January 2000 which:
- 2.5.2.1 complies with resolution MEPC.59(33), as amended⁶
 - 2.5.2.2 complies with resolution MEPC.76(40), as amended⁵
 - 2.5.2.3 does not comply with resolution MEPC.59(33) or resolution MEPC.76(40)

2.6 Equivalentents (Regulation 4)

The ship has been allowed to use the following fitting, material, appliance or apparatus to be fitted in a ship or other procedures, alternative fuel oils, or compliance methods used as an alternative to that required by this Annex:

System or equipment	Equivalent used	Approval reference
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THIS IS TO CERTIFY that this Record is correct in all respects.

Issued at **Limassol, Cyprus** on **2020-09-22**



for **DNV GL**

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Evgenios Koumoudhis
Surveyor

⁴ Ships with DNV GL Class notation VCS-1 or VCS-2 (compliance with USCG CFR 46 Part 39) comply with IMO MSC/Circ.585.

⁵ As amended by resolution MEPC.93(45)

⁶ As amended by resolution MEPC.92(45)