

SUPPLEMENT TO

INTERNATIONAL AIR POLLUTION PREVENTION CERTIFICATE (IAPP CERTIFICATE) /
~~STATEMENT OF COMPLIANCE FOR PREVENTION OF AIR POLLUTION *~~

RECORD OF CONSTRUCTION AND EQUIPMENT

Notes:

- 1 This Record shall be permanently attached to the IAPP Certificate/Statement of Compliance.* The IAPP Certificate / Statement of Compliance * shall be available on board the ship at all times.
- 2 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.
- 3 Entries in boxes shall be made by inserting either a cross (X) for the answers "yes" and "applicable" or a (-) for the answers "no" and "not applicable" as appropriate.
- 4 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

- 1.1 Name of ship **IVANKA**
- 1.2 IMO No. **8004129**
- 1.3 Date on which keel was laid or ship was at a similar stage of construction **01/01/1980** (dd/mm/yyyy)
- 1.4 Length (L)[#] meters -

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, installed before 19 May 2005 may continue in service:

System or Equipment	Location on board	Substance
-	-	-

- 2.1.2 The following systems containing hydro-chlorofluorocarbons (HCFCs) installed before 1 January 2020 may continue in service:

System or Equipment	Location on board	Substance
DOMESTIC FRIDGE	STEERING GEAR ROOM	R22



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	Engine #7	Engine #8	Engine #9	Engine #10
1	Manufacturer and model										
2	Serial number										
3	Use (applicable application cycle(s) – NTC 3.2)										
4	Rated power (kW) (NTC 1.3.11)										
5	Rated speed (RPM) (NTC 1.3.12)										
6	Identical engine installed >= 1/1/2000 exempted by 13.1.1.2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	Identical engine installation date (dd/mm/yyyy) as per 13.1.1.2										
8a	Major Conversion (dd/mm/yyyy)	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"/>	<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"/>	<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"/>	<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"/>	<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"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10a		13.4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10b	Tier II	13.2.2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<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"/>	<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"/>	<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"/>	<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"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11a		13.5.1.1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11b		13.2.2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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	Engine #7	Engine #8	Engine #9	Engine #10
11c	Tier III (ECA-NOx only)	13.2.3.2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<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"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12		installed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13	AM**	not commercially available at this survey	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<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"/>	<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 :

- .1 fuel oil with a sulphur content as documented by bunker delivery notes that does not exceed the limit value of :
- 3.50% m/m (not applicable on or after 1 January 2020); or
 - 0.50% m/m, and/or
- .2 an equivalent arrangement approved in accordance with regulation 4.1 as listed in 2.6 that is at least as effective in terms of SOx emission reductions as compared to using a fuel oil with a sulphur content limit value of :
- 3.50% m/m (not applicable on or after 1 January 2020); or
 - 0.50% m/m

2.3.2 When the ship operates inside an Emission Control Area Specified in regulation 14.3, the ship uses :

- .1 fuel oil with a sulphur content as documented by bunker delivery notes that does not exceed the limit value of :
- 1.00% m/m (not applicable on or after 1 January 2015); or
 - 0.10% m/m, and/or
- .2 an equivalent arrangement approved in accordance with regulation 4.1 as listed in 2.6 that is at least as effective in terms of SOx emission reductions as compared to using a fuel oil with a sulphur content limit value of :
- 1.00% m/m (not applicable on or after 1 January 2015); or
 - 0.10% m/m

2.4 Volatile organic compounds (VOCs) (regulation 15)

- 2.4.1 The tanker has a vapour collection system installed and approved in accordance with MSC/Circ. 585
- 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 .

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

2.5 Shipboard incineration (regulation 16):

The ship has a incinerator :

.1 installed on or after 1 January 2000 that complies with:

.1 resolution MEPC. 76(40) as ammended***

.2 resolution MEPC.244(66)

2. installed before 01 January 2000 which complies with :

.1 resolution MEPC.59(33), as amended****

.2 resolution MEPC.76(40), as amended***

2.6 Equivalents (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

THIS IS TO CERTIFY that this Record is correct in all respects.

Issued at **Mumbai** on **29/12/2017** (dd/mm/yyyy).

Note :> ..



K. K. Sanjeev

(Surveyor to Indian Register of Shipping)

Official Seal



*** As amended by resolution MEPC.93(45).

**** As amended by resolution MEPC.92(45).