



REQUIREMENTS TO APPLYING FOR AN OPERATION LICENSE

SERVICE: TRANSPORT, SUPPLY, REGASIFICATION AND STORAGE OF LIQUEFIED NATURAL GAS THROUGH FLOATING EQUIPMENT
CLUSTER: SUPPLY

DESCRIPTION: Transport, supply, regasification and storage of liquefied natural gas through barges or gas carrier within the jurisdictional waters of the Republic of Panama.

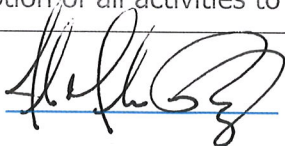
PROCEDURE PROCESS: notarized special power of attorney request for memorial and formal application and all other documents as requested must be presented to the Directorate General of Ports and Maritime Ancillary Industries, Concessions Department, located at the headquarters of the Panama Maritime Authority, Diablo Heights, Demetrio Porras Street, Building No. 3, P.O. Box 0843-00533, Telephone 501-5000.

WHEN SUBMITTING THE APPLICATION MUST CONTAIN, THE DOCUMENTS DETAILED BELOW:

Note: in case of being a natural person, the application shall be submitted by the applicant itself, and if it is a legal entity, it will be presented by a suitable attorney.

1. Notarized special power of attorney, which must include: telephone number, address, and e-mail of holder of the power of attorney. Same must be signed by grantor of power of attorney and by holder of power of attorney, in compliance with requirements under the Judicial Code of the Republic of Panama (article 627).
2. Memorial addressed to the Directorate General of Ports and Ancillary Maritime Industries (Article 9 of the resolution J.D. No. 011-2019), requesting the operation license and containing the following information.
 - General data:
 - ✓ General data of the legal representative: full name, I.D. card number, address, telephone numbers, P.O. Box, and e-mail.
 - ✓ General data of company: company name, address, telephone numbers, R.U.C., number duly registered at the Directorate General of Revenue, P.O. Box, and e-mail.
 - Purpose of the operation license.
 - Description of all activities to develop.

Authorization:



Date:

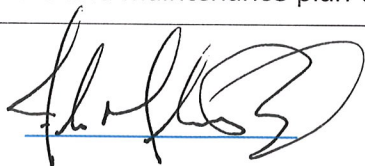
19-5-2020

CONCESSIONS DEPARTMENT

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- Detail maritime and port areas where the service is intended to be provide.
 - Value of the investment and breakdown in which the interested party will invest.
3. Simple copy of I.D. card or passport of legal representative and of holder of legal power of attorney.
 4. Certificate of Legal Entity (original in force), issued by the Public Registry, stating: legal representative, directors, dignitaries and authorized capital of the company.
 5. Submit of the commercial license issued by the Ministry of Commerce and Industries (MICI).
 6. Certificate of good standing debt by the Social Security, certifying that employer is registered in the system.
 7. Staff background certificates that certify the expertise and experience of the technical staff that will supervise and execute these activities:
 - List of staff and position job.
 - Copy of personal I.D card or passport, of all personnel.
 - Suitability of the technical staff and professionals of the company.
 8. Certificate of Fitness issued by the Directorate General of Merchant Marine of the Panama Maritime Authority, stating that the ship is in compliance with the specifications and safety standards that are applicable, and that is able to provide the requested service.
 9. Present a copy of Certificate the ASI - ANNUAL SAFETY INSPECTION.
 10. Radio Station License, issued by the Directorate General of Merchant Marine of the Panama Maritime Authority.
- Note:** those ships that are not panamanian flag must present at the time of inspection the radio license documents issued by their flag country.
11. Copy of the navigation patent of the ship, with a non-Panamanian flag is useful for the procedure, but to navigate, a commercial navigation permit issued by the Directorate General of the Merchant Marine is required.
- Note:** those ships that are not Panamanian flag must present at the time of inspection the navigation patent documents issued by their flag country.
12. Certificate of good standing debt, issued by the Directorate General of Merchant Marine of the Panama Maritime Authority.
 13. Copy of the record and maintenance plan that have been made to the equipment and machinery work.

Authorization:



Date: 19-5-2020

CONCESSIONS DEPARTMENT

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14. Submit a copy of the risk management plan (risk assessment and ATS), in physical and digital form (usb or cd).

Note: the following must be included as a mandatory part of the risk management plan.

- Measurement plan (noise, gas, temperature, vibrations, physical agent and chemical agent)
- Preventive measures for hot work.

15. Submit a copy of the risk management plan approved by the Social Security Fund.

16. Submit an updated copy of the technical data sheet and certification of the equipment to be used for the transfer.

Primary and secondary defenses - fenders:

- Certified and updated information of the verification and inspection of the fenders.
 - ✓ Pressure test certificate, according to an ASTM and IMO calibration system, which in turn complies with international standards such as: ANSI/NCLZ Z540 (ISO 10012-1), ISO 173587 or its equivalent.

Hoses:

- Certified and updated information of verification and inspection, pressure and vacuum control (hydrostatic test), according to the requirements of the specification under which such hose was manufactured.
- Evaluation of temporary and permanent elongation.
- Electrical continuity test.

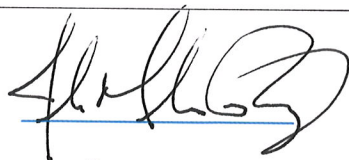
Emergency Release Coupling (ERC):

- The Emergency Release Coupling (ERC) shall be of a class approved type and annual inspection and test certification shall be provided.

17. Submit a copy of the LNG Management Plan according to IACS 142 (LNG Bunkering Guidelines)

- LNG bunker procedures.
- LNG bunker safety and training instructions.
- Oil pollution emergency plans. (SOPEP)

Authorization:



Date: 19-5-2020

CONCESSIONS DEPARTMENT

Balboa, Ancón. Diablo Heights, Bldg. N°3. P.O. Box 0843-00533, Phone 501-5122.

- Check list for LNG bunker transfer.
- Hazard description, safety zones.

18. Submit copy of LNG Bunkering compatibility records (according to SGMF - Safety Guidelines).

19. Compatibility of communication systems.

20. ESD system (emergency shutdown system):

- Compatibility of different types and manufacturers of equipment.
- Pre-testing before operations are carried out.
- Information about the bunker.
- Dangerous areas between ships.
- Mooring details.
- Connections for the bunker.
- Cargo tank details (size, pressure and temperature).

Note: two (2) copies of the LNG Bunkering Compatibility Registration already made must be submitted at the time of opening the operating license application. A note of explanation must be provided in case the ship has not been operated.

21. Development by the company of a risk analysis with its respective emergency, contingency plan:

- Company emergency plan. Must include the contact numbers of the Port Safety and Hygiene Unit: 501-5153 or 501-4244, e-mail shpdop@amp.gob.pa; and the contact numbers of the Pollution Prevention and Control Department: Panama: (507) 501-5155/5406, Chiriqui: (507) 721-3744, Colon: (507) 475-0000, phone numbers 24/7: Panama: (507) 6880-1245/1915, Chiriqui (507) 6879-3262, Colon: (507) 6880-5222.
- Updated copy of the company's contingency plan in case of events. This plan must comply with the technical evaluation and approval by the Department of Pollution Prevention and Control of the Panama Maritime Authority (See <https://amp.gob.pa/wp-content/uploads/2019/04/Componentes-para-Evaluacion-de-planos-de-contingencia.pdf>).

22. International Certificate of Pollution Prevention for Hydrocarbons (IIOPP), Dirty Water and Atmospheric Emissions (IAPP).

23. Provide a sealed copy of the certification issued by a Recognized Organization (RO) stating that the ship complies with the standards laid down in the IGF Code - "Safety Code for Ships Carrying Gas or Other Low

Authorization:



Date:

19-5-2020

CONCESSIONS DEPARTMENT

Balboa, Ancón. Diablo Heights, Bldg. N°3. P.O. Box 0843-00533, Phone 501-5122.

Point of Inflammation Fuels" and the IGC Code - "International Code for the Construction and Equipment of Ships Carrying Liquefied Gases in Bulk".

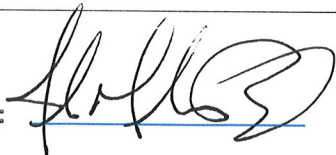
DOCUMENTS FOR TECHNICAL INSPECTION ON BOARD:

- Equipment according to or similar to the list described in the emergency security plan and contingency plan.
- Updated list of external and internal contacts in case of emergency.
- Procedures for the transfer of liquefied natural gas product.
- LNG Management Plan according to IACS 142 (LNG Bunkering Guidelines).

IMPORTANT NOTES:

- The company must submit following policies and bonds must be submitted, in accordance with the provisions of resolution J.D. No. 011-2019:
 - ✓ Compliance bond.
 - ✓ Civil liability policy.
 - ✓ Pollution and/or oil spill policy.
- The company must have a physical location duly marked and identified where its main office is located. The same must not be a family address.
- The company must effectuate a single fee inspection payment, as a fee set for each type of maritime ancillary service, in compliance with resolution No. 011-2019 dated March 27th, 2019 and published in the Official Gazette No. 28763-A, dated April 29th, 2019.
- The company must present statistics of the activity the first ten (10) days in a monthly periodicity obeying chapter V, article 19, numeral 10 of resolution J.D. No. 011-2019 of March 27, 2019; these statistics must be reported to the following mails: amp.estadistica@amp.gob.pa , concesiones@amp.gob.pa and contaminacion@amp.gob.pa.
- The company must submit information containing the following: quantity of LNG bunker loaded, unloaded, sold and operational locations.
- The company must comply with on-site technical evaluation of the Department of Pollution Prevention and Control and is subject to extraordinary inspections when required, cost of the

Authorization:



Date: 19-5-2020

CONCESSIONS DEPARTMENT

Balboa, Ancón. Diablo Heights, Bldg. Nº3. P.O. Box 0843-00533, Phone 501-5122.

inspection: B/.100.00 in accordance with resolution J.D. No. 13 of July 26, 2005.

- The company must submit the hose tests to be performed in a period not exceeding 12 months and the fenders must be performed at intervals specified by the manufacturer, the company must undertake to keep detailed records of the history of each piece of equipment, including the following information:
 - ✓ Details of each job.
 - ✓ Date of inspection.
 - ✓ Evaluation and maintenance of the same.
- The company will be subject inspections by the following administrative units: Port Safety and Hygiene Unit, Pollution Prevention and Control Department and the Concessions Department.
- The company must comply with an on-site technical evaluation by the Port Safety and Hygiene Unit. This consists of a visit to the company and to the site where operations are carried out, to verify compliance with industrial occupational safety standards.
- The company must always send a copy of the LNG Bunkering compatibility log to the Operations Department at dop@amp.gob.pa and the Pollution Prevention and Control Department at contaminacion@amp.gob.pa .
- The company must keep informed the Port Safety and Hygiene Unit informed of any incident or accident which occurs in the installations, at the following numbers: 501-5153 or 501-4244, and to the following e-mail: shpdop@amp.gob.pa, according to the Port Safety and Hygiene regulations of the Panama Maritime Authority.

RATE: B/. 1000.00 per year per equipment.

For any additional information or questions, please contact the Concessions Department at the following telephone numbers: 501-5122 / 501-5123.

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