

APPLICATION FOR MERCHANT MARINER MEDICAL CERTIFICATE

----- Instructions -----

Remove Instructions before submitting Application

Who must submit this form?

Applicants seeking a Medical Certificate are required to complete this form and submit it to the U.S. Coast Guard. Applicants seeking a raise-in-grade are required to submit this form if a previous medical evaluation report has not been submitted within the last 3 years. Guidance for required submission of this form can be found at the National Maritime Center website (<http://www.uscg.mil/nmc/medical/default.asp>).

The Coast Guard requires a physical examination and certification be completed to ensure that mariners:

- Are of sound health.
- Have no physical limitations that would hinder or prevent performance of duties (*see below*).
- Are free from any medical conditions that pose a risk of sudden incapacitation, which would affect operating, or working on vessels.

Section I: Applicant Information - To be completed by the Applicant and reviewed by the Medical Practitioner

- **Legal Name** - Enter complete legal name.
- **Date of Birth** - If applicant is under 18 years of age, notarized statement from legal guardian is required. Attach a notarized statement, signed by a parent or guardian, authorizing the Coast Guard to issue a Medical Certificate.
- **Reference Number** - If you have been credentialed by the Coast Guard in the past, enter your reference number.
- **Gender** - Enter your legal gender.
- **Home Address** - Principle place of residence. PO Box is not acceptable.
- **Delivery/Mailing Address** - The address to which you want all correspondence and issued certificates sent. If blank, correspondence and credentials will be sent to the Home Address.
- **Primary Phone Number** - Provide a primary phone number.
- **Alternate Phone Number** - Provide an alternate phone number (*optional*).
- **E-mail Address** - The National Maritime Center (NMC) may attempt to contact you via e-mail. You will receive automated updates regarding the status of your application (*optional*).
- **Other** - Please provide additional means of communicating with you (*satellite phone, work phone, etc.*) (*optional*).
- **Application Type** - Self-explanatory.

Section II (a)(b): Medical Conditions - To be completed by the Applicant and reviewed by the Medical Practitioner

Conditions 1 - 34 - Applicants must report their relevant medical conditions to the best of their knowledge, and the **Medical Practitioner** must verify the medical conditions. Check "YES" if the applicant has had a previous diagnosis or treatment of the condition by a health care provider, or if the applicant is currently under treatment or observation for the condition, or if the condition is present regardless of treatment. If the **Medical Practitioner**, or any other health care provider to the satisfaction of the medical practitioner, discovers a condition not reported by the applicant, he/she must check "YES" in the appropriate block and explain in the comments.

Comments - The **Medical Practitioner** must address all reported conditions in this section. This detailed explanation should include, at a minimum, identification of the condition, approximate date of diagnosis, any limitations, whether the condition is controlled, the prognosis, the treatment, and any additional information as appropriate, referring to the evaluation data listed at the National Maritime Center (NMC) website <http://www.uscg.mil/nmc/medical/default.asp>. Additional sheets may be added by the applicant and/or the medical practitioner if needed to complete this section of the form. Include applicant's name and DOB on each additional sheet. Supporting medical documentation and testing for all identified conditions potentially requiring further review should be submitted with each application as per the guidelines found on the NMC website <http://www.uscg.mil/nmc/medical/default.asp>. Detailed guidelines on medical conditions subject to further review can be found on the NMC website. Medical practitioners should be familiar with the guidelines contained within this document. Medical and Physical Evaluation Guidelines for Merchant Mariner Credentials can be downloaded from the NMC website or by calling the NMC at 1-888-IASKNMC (1-888-427-5662).

Section III: Medications - To be completed by the Applicant and reviewed by the Medical Practitioner

Review by the Medical Practitioner - Verification of medications includes questioning the applicant about any medications or other substances reported, reviewing relevant medical conditions to determine if the applicant has omitted any medications or other substances, and affirmatively reporting any omitted current medications or other substances where required.

Section IV: (Vision) and V: (Hearing) - To be completed by the Medical Practitioner or other staff to the satisfaction of the Medical Practitioner

The **Medical Practitioner** is not required to perform or witness every examination, test, or demonstration. These may be referred to other qualified practitioners such as audiologists or optometrists; however, they must be reviewed to the satisfaction of the Medical Practitioner.

All examinations, tests and demonstrations must be performed, witnessed, or reviewed by a physician (*Medical Doctor [MD], or Doctor of Osteopathy [DO]*), or nurse practitioner, or a certified physician assistant licensed by a state in the U.S., a U.S. possession, or a U.S. territory. The **Medical Practitioner** who performs the examination must review Sections II and III of this form.

Section VI: Physical Examination - Items 1-17; To be completed by the Medical Practitioner

Self-explanatory

Section VII: Demonstration of Physical Ability - To be completed by the Medical Practitioner**LISTS OF TASKS CONSIDERED NECESSARY FOR PERFORMING ORDINARY AND EMERGENCY RESPONSE SHIPBOARD FUNCTIONS**

<i>Shipboard Tasks, Function, Event, or Condition</i>	<i>Related Physical Ability</i>	<i>Acceptable Demonstration</i>
Routine movement on slippery, uneven, and unstable surfaces	Maintain balance (<i>equilibrium</i>)	Has no disturbance in sense of balance
Routine access between levels	Climb up and down vertical ladders and stairways	Is able, without assistance, to climb up and down vertical ladders and stairways
Routine movement between spaces and compartments	Step over high doorsills and coamings, and move through restricted accesses	Is able, without assistance, to step over a doorsill or coaming of 24 inches (600 millimeters) in height. Able to move through a restricted opening of 24 x 24 inches
Open and close watertight doors, hand cranking systems, open/close valve	Manipulate mechanical devices using manual and digital dexterity, and strength	Is able, without assistance, to open and close watertight doors that may weigh up to 55 pounds (25 kilograms); should be able to move hands/arms to open and close valve wheels in vertical and horizontal directions; rotate wrists to turn handles; able to reach above shoulder height
Handle ship's stores	Lift, pull, push, carry a load	Is able, without assistance, to lift at least a 40 pound (18.1 kilograms) load off the ground, and to carry, push, or pull the same load
General vessel maintenance	Crouch (<i>lowering height by bending knees</i>); kneel (<i>placing knees on ground</i>); stoop (<i>lowering height by bending at the waist</i>); use hand tools such as spanners, valve wrenches, hammers, screwdrivers, pliers	Is able, without assistance, to grasp, lift, and manipulate various common shipboard tools
Emergency response procedures including escape from smoke-filled spaces	Crawl (<i>ability to move body using hands and knees</i>); feel (<i>ability to handle or touch to examine or determine differences in texture and temperature</i>)	Is able, without assistance, to crouch, kneel, and crawl, and to distinguish differences in texture and temperature by feel
Stand a routine watch	Stand a routine watch	Is able, without assistance, to intermittently stand on feet for up to four hours with minimal rest periods
React to visual alarms and instructions, emergency response procedures	Distinguish an object or shape at a certain distance	Fulfills the eyesight standards for the merchant mariner credential applied for (see www.uscg.mil/nmc for more info)
React to audible alarms and instructions, emergency response procedures	Hear a specified decibel (dB) sound at a specified frequency	Fulfills the hearing standards for the merchant mariner credential applied for
Make verbal reports or call attention to suspicious or emergency conditions	Describe immediate surroundings and activities, and pronounce words clearly	Is capable of normal conversation
Participate in fire fighting activities	Be able to carry and handle fire hoses and fire extinguishers	Is able, without assistance, to pull an uncharged 1.5 inch diameter, 50' fire hose with nozzle to full extension, and to lift a charged 1.5 inch diameter fire hose to fire fighting position
Abandon ship	Use survival equipment	Has the agility, strength, and range of motion to put on a personal flotation device and exposure suit without assistance from another individual

Section VIII: Food Handler Certification - To be completed by the Medical Practitioner

The Medical Practitioner shall complete Section VIII for all applicants requiring Food Handler Certification. The Medical Practitioner need not perform any additional laboratory testing unless it is deemed clinically necessary. Applicants and currently employed food workers should report information about their health as it relates to diseases that are transmissible through food. The following issues should be considered by the Medical Practitioner when certifying an applicant:

- The applicant reports they have been diagnosed with an illness due to organisms such as Salmonella Typhi, Shigella spp., Shiga-toxin-producing Escherichia coli, Hepatitis A virus, etc.
- The applicant reports they have at least one symptom caused by illness, infection, or other source that is associated with an acute gastrointestinal illness such as diarrhea, fever, vomiting, jaundice, or sore throat with fever.
- The applicant reports they have a lesion containing pus, such as a boil or infected wound, which is open or draining and is on hands or wrists or on exposed portions of the arms.
- The applicant reports they have had Salmonella Typhi within the past three months, Shigella spp. within the past month, Shiga-toxin-producing Escherichia coli within the past month, or Hepatitis A virus ever.
- The applicant reports they are suspected of causing or being exposed to a confirmed disease outbreak caused by organisms such as Salmonella Typhi, Shigella spp., Shiga-toxin-producing Escherichia coli, Hepatitis A virus, etc. This would include outbreaks associated with events such as a family meal, church supper, or festival because the employee ate food implicated in the outbreak, or ate food at the event prepared by a person who is infected or who is suspected of being a shedder of the infectious agent.
- The applicant reports they live in the same household as, and have knowledge about, a person who is diagnosed with organisms such as Salmonella Typhi, Shigella spp., Shiga-toxin-producing Escherichia coli, Hepatitis A virus, etc.
- The applicant reports they live in the same household as, and have knowledge about, a person who attends or works in a setting where there is a confirmed disease outbreak caused by organisms such as Salmonella Typhi, Shigella spp., Shiga-toxin-producing Escherichia coli, Hepatitis A virus, etc.

Section IX: Summary - To be completed by the Medical Practitioner

Proof of Identity

- a. **Applicants** shall present acceptable proof of identity to the Medical Practitioner conducting examinations.
- b. Proof of identity shall consist of one current form of valid government issued photo identification.
- c. The following credentials are examples of acceptable proof of identity: Unexpired official identification issued by a Federal, State, or local government or by a territory or possession of the United States, such as a passport, U.S. driver's license, U.S. military ID card, Merchant Mariner's Document/Merchant Mariner Credential, or Transportation Worker Identification Credential.

Overall fitness recommendation: The **Medical Practitioner** must ensure a complete history and physical are conducted and make recommendations as to the fitness of the applicant. Final approval of the mariner's status rests with the U.S. Coast Guard.

Medical Practitioner: Certification that the general medical examination, vision and hearing tests, as well as the physical demonstration of competence as appropriate, have been performed to the satisfaction of the **Medical Practitioner**. The **Medical Practitioner** must sign and date the certification where indicated. This signature attests, subject to criminal prosecution under 18 USC § 1001, that all information reported by the medical practitioner is true and correct to the best of his/her knowledge and that the medical practitioner has not knowingly omitted or falsified any material information relevant to this form.

Section X: Application Certification - To be completed by the Applicant

Self-explanatory

PRIVACY ACT STATEMENT

Authority: 5 U.S.C. 301; 14 U.S.C. 632; 46 U.S.C. 2103, 7101, 7302, 7305, 7313, 7314, 7316, 7317, 7319, 7502, 7701, 8701, 8703, 9102; 46 C.F.R. 12.02; 49 C.F.R. 1.45, 1.46

Purpose: The principal purpose for which this information will be used is to determine domestic and international qualifications for the issuance of merchant mariner credentials. This includes establishing eligibility of a merchant mariner's credential, duplicate credentials, or additional endorsements issued by the Coast Guard and establishing and maintaining continuous records of the person's documentation transactions.

Routine Uses: The information will be used by authorized Coast Guard personnel with a need to know the information to determine whether an applicant is a safe and suitable person who is capable of performing the duties of the Merchant Mariner. The information will not be shared outside of DHS except in accordance with the provisions of DHS/USCG-030 Merchant Seamen's Records System of Records, 74 FR 30308 (June 25, 2009).

Disclosure: Furnishing this information (including your SSN) is voluntary; however, failure to furnish the requested information may result in non-issuance of the requested credential.

An agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The United States Coast Guard estimates that the average burden for this form is 18 minutes. You may submit any comments concerning the accuracy of this burden or any suggestions for reducing the burden to the National Maritime Center, 100 Forbes Drive, Martinsburg, WV 25404.

APPLICATION FOR MERCHANT MARINER MEDICAL CERTIFICATE

Section I: Applicant Information - To be completed by the Applicant and reviewed by the Medical Practitioner

Last Name First Name Middle Name Suffix (*Jr., Sr., III*)

Reference Number (*if applicable*) Gender: Male Female Date of Birth (MM/DD/YYYY)

Please indicate best method(s) of contact by checking the appropriate box(es). Optional if information is same as most recent CG-719B.

Home Address (**PO Box NOT acceptable**)
Street Address Primary Phone Number

City State Zip Code Alternate Phone Number

Delivery/Mailing Address, if different (**PO Box acceptable**)
Street Address E-mail Address

City State Zip Code Other

Application Type: Medical Certificate First Class Pilot

I have a medical waiver: Yes No If YES, provide a copy of the medical waiver to the Medical Practitioner.

Section II(a): Medical Conditions - To be completed by the Applicant and reviewed by the Medical Practitioner

To the best of your knowledge, have you ever had, required treatment for, or do you presently have any of the following conditions?

- | | |
|--|---|
| <input type="radio"/> Yes <input type="radio"/> No 1. Eye/vision problems except glasses | <input type="radio"/> Yes <input type="radio"/> No 20. Dizziness/fainting spells/balance problems |
| <input type="radio"/> Yes <input type="radio"/> No 2. Ear/nose/throat problems or other ENT problems/surgery | <input type="radio"/> Yes <input type="radio"/> No 21. Frequent motion sickness requiring medication |
| <input type="radio"/> Yes <input type="radio"/> No 3. High or low blood pressure | <input type="radio"/> Yes <input type="radio"/> No 22. Stroke or Transient Ischemic Attack (TIA), brain tumor or other brain disorder |
| <input type="radio"/> Yes <input type="radio"/> No 4. Heart or vascular disease of any kind | <input type="radio"/> Yes <input type="radio"/> No 23. Any neurologic disorder or nerve problems including numbness and/or paralysis, not listed above |
| <input type="radio"/> Yes <input type="radio"/> No 5. Heart surgery and/or implanted devices (pacemaker, defibrillator, etc.) | <input type="radio"/> Yes <input type="radio"/> No 24. Attention deficit disorder with or without hyperactivity |
| <input type="radio"/> Yes <input type="radio"/> No 6. Lung disease of any type (asthma, bronchitis, emphysema, etc.) | <input type="radio"/> Yes <input type="radio"/> No 25. Anxiety, depression, bipolar disorder, adjustment disorder, PTSD, or schizophrenia |
| <input type="radio"/> Yes <input type="radio"/> No 7. Any blood disorder (anemia, hemophilia, blood clots, polycythemia, etc.) | <input type="radio"/> Yes <input type="radio"/> No 26. Suicide attempt or thought (ideation) of suicide |
| <input type="radio"/> Yes <input type="radio"/> No 8. Diabetes, glucose intolerance, or sugar in urine | <input type="radio"/> Yes <input type="radio"/> No 27. Evaluation, treatment, or hospitalization for alcohol or substance use, abuse, addiction, or dependence (including illegal drugs, prescription medications, or other substances) |
| <input type="radio"/> Yes <input type="radio"/> No 9. Thyroid problem | <input type="radio"/> Yes <input type="radio"/> No 28. Any other psychiatric disorder, mental health evaluation/hospitalization |
| <input type="radio"/> Yes <input type="radio"/> No 10. Stomach, liver, or intestinal disorder | <input type="radio"/> Yes <input type="radio"/> No 29. Back pain, joint problems, or orthopedic surgery |
| <input type="radio"/> Yes <input type="radio"/> No 11. Kidney problems/stones or blood in urine | <input type="radio"/> Yes <input type="radio"/> No 30. Amputation, prosthesis, or use of ambulatory devices (cane, walker, braces, etc.) |
| <input type="radio"/> Yes <input type="radio"/> No 12. Any other urinary or bladder problems not listed above | <input type="radio"/> Yes <input type="radio"/> No 31. Fractures, recurrent dislocations or limitation of motion of any joint |
| <input type="radio"/> Yes <input type="radio"/> No 13. Skin disorder or problem | <input type="radio"/> Yes <input type="radio"/> No 32. Have you ever been signed off as sick or repatriated for medical reasons within the last six years? |
| <input type="radio"/> Yes <input type="radio"/> No 14. Allergies or allergic reactions to any substance, medication, or food. | <input type="radio"/> Yes <input type="radio"/> No 33. Any diseases, surgeries, cancers, illnesses, or disabilities not listed on this form? |
| <input type="radio"/> Yes <input type="radio"/> No 15. Infectious/contagious disease | <input type="radio"/> Yes <input type="radio"/> No 34. Any hospital admissions within the last six years not listed elsewhere in this Section? |
| <input type="radio"/> Yes <input type="radio"/> No 16. Any sleep problems: obstructive sleep apnea, restless leg syndrome, narcolepsy, shift work sleep disorder, insomnia, etc. | |
| <input type="radio"/> Yes <input type="radio"/> No 17. Epilepsy, fits, or seizures | |
| <input type="radio"/> Yes <input type="radio"/> No 18. Loss of consciousness or memory | |
| <input type="radio"/> Yes <input type="radio"/> No 19. Frequent or severe headaches | |

REPORT OF MEDICAL EXAMINATION

Sections IV and V should be completed by the Medical Practitioner or other medical staff to the satisfaction of the Medical Practitioner.

Section IV: Vision

The Medical Practitioner must indicate test used and results (number of errors). Additional information must be reported in Section VII. Color sensing lenses (e.g. X-Chrome) are prohibited.

a. Visual Acuity

Distant Uncorrected

Right: 20/

Left: 20/

If Necessary, Distant Corrected To

Right: 20/

Left: 20/

Field of Vision

This applicant must have a 100-degree horizontal field of vision.

Normal

Abnormal

b. Color Vision (check one)

The following color sense testing methodologies are acceptable

AOC (1965) - (6 or fewer errors on plates 1-15)

Ishihara pseudoisochromatic plates test, 14 plate (5 or less errors)

AOC-HRR (2nd Edition) - (No errors in test plates 7-11)

Ishihara pseudoisochromatic plates test, 24 plate (6 or less errors)

HRR PIP (4th Edition) - (No errors in test plates 5-10)

Ishihara pseudoisochromatic plates test, 38 plate (8 or less errors)

Richmond (2nd and 4th Edition) - (6 or fewer errors)

Farnsworth Lantern (colored lights) Test per instruction booklet

Titmus Vision Tester/OPTEC 2000 - (No errors on 6 plates)

Dvorine pseudoisochromatic 15 plate test (6 or less errors)

OPTEC 900 (colored lights) Test per instruction booklet

An alternative test approved by the Coast Guard (*Indicate test*)

Farnsworth D-15 Hue Test (*attach test results*)
(*Engineer/radio officer/tankerman/MODU only*)

Color Vision Testing Results:

Passed

Failed

Number of Errors:

If color vision test is failed, can the Applicant distinguish red, green, blue, and yellow:

Yes

No

Section V: Hearing

An applicant with normal hearing by forced whispered voice \geq 5 feet with or without hearing aids does not need to complete either the audiometer test or the functional speech discrimination test.

Normal Hearing

Abnormal Hearing

Hearing Aid Required

(a) If hearing is abnormal, then perform either a functional speech discrimination test at 65dB or an audiogram documenting thresholds and averages as indicated below. Both aided and unaided values should be recorded for applicants requiring hearing aids.

(b) All applicants with an unaided threshold $>$ 30dB in the better ear should have functional speech discrimination testing performed at 65dB.

(c) Refer to Medical and Physical Evaluation Guidelines for Merchant Mariner Credentials from the NMC website (<http://www.uscg.mil/nmc/medical/default.asp>) for further guidance. Report any additional information or comments in Section VII.

Audiometer Threshold Value

	500Hz	1,000Hz	2,000Hz	3,000Hz	Average
Right Ear (Unaided)	<input style="width: 40px;" type="text"/>	<input style="width: 40px;" type="text"/>	<input style="width: 40px;" type="text"/>	<input style="width: 40px;" type="text"/>	<input style="width: 40px;" type="text"/>
Left Ear (Unaided)	<input style="width: 40px;" type="text"/>	<input style="width: 40px;" type="text"/>	<input style="width: 40px;" type="text"/>	<input style="width: 40px;" type="text"/>	<input style="width: 40px;" type="text"/>
Right Ear (Aided)	<input style="width: 40px;" type="text"/>	<input style="width: 40px;" type="text"/>	<input style="width: 40px;" type="text"/>	<input style="width: 40px;" type="text"/>	<input style="width: 40px;" type="text"/>
Left Ear (Aided)	<input style="width: 40px;" type="text"/>	<input style="width: 40px;" type="text"/>	<input style="width: 40px;" type="text"/>	<input style="width: 40px;" type="text"/>	<input style="width: 40px;" type="text"/>

Functional Speech Discrimination Test @ 65dB, if required by instruction (b) above

Right Ear (Unaided): %

Left Ear (Unaided): %

Right Ear (Aided): %

Left Ear (Aided): %

Section VII: Demonstration of Physical Ability - To be completed by the Medical Practitioner

1. The Medical Practitioner shall require that the applicant demonstrate the ability to meet the guidelines contained within Section VII of the CG-719K instructions. This does not mean, for example, that the applicant must actually don an exposure suit, pull an unchanged 1.5 inch diameter 50' fire hose with nozzle to full extension, or lift a charged 1.5 inch diameter fire hose to firefighting position. Rather, the Medical Practitioner may utilize alternative measures to satisfy himself or herself that the applicant possesses the ability to meet the guidelines in the third column. A description of the methods utilized by the medical practitioner should be reported in the **Comments** section provided below.
2. All practical demonstrations should be performed by the applicant without assistance. Any prosthesis normally worn by the applicant, and any other aid devices, may be used by the applicant in all practical demonstrations except when the use of such items would prevent the proper wearing of mandated personal protection equipment (PPE).
3. If the Medical Practitioner is unable to conduct the practical demonstration, the applicant should be referred to a competent evaluator of physical ability. The Coast Guard recognizes that all medical practitioners may not have the equipment necessary to test all of the tasks as listed. Equivalent alternate testing methodologies may be used. For further information, check the Medical and Physical Evaluation Guidelines for Merchant Mariner Credentials (<http://www.uscg.mil/nmc/medical/default.asp>).
4. If the applicant is unable to perform any of the following functions, the Medical Practitioner should provide information on the degree or the severity of the applicant's inability to meet the standards. The results of any practical demonstration or attendant physical evaluation should be recorded in the **Comments** section provided below.

Physical Ability Results

- Applicant has the physical strength, agility, and flexibility to perform all of the items listed in the instruction table.
- Applicant does **NOT** have the physical strength, agility, and flexibility to perform all of the items listed in the instruction table.

COMMENTS: (Please Print)

Section VIII: Food Handler Certification - To be completed by the Medical Practitioner

If Food Handler Certificate is sought by the applicant, is applicant free from communicable disease: Yes No

Section IX: Summary - To be completed by the Medical Practitioner

- Applicant proof of identity provided: Yes No
- Overall fitness recommendation: Fit for Duty
 Not Fit for Duty Needs Further Review

Comments: *(Please Print)*

Medical Practitioner:

My signature attests, subject to criminal prosecution under 18 USC § 1001, that all information reported by the medical practitioner is true and correct to the best of his/her knowledge and that the medical practitioner has not knowingly omitted or falsified any material information relevant to this form. My signature also attests that I have fully evaluated all examination tests and results submitted in support of this application.

Last Name	First Name	M.I.	License Number	State
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Signature		Date (MM/DD/YYYY)		
<input type="text"/>		<input type="text"/>		
MD/DO <input type="checkbox"/> PA <input type="checkbox"/> NP <input type="checkbox"/>				
Office Street Address				
<input type="text"/>				
City		State	Zip Code	
<input type="text"/>		<input type="text"/>	<input type="text"/>	
Phone Number				
<input type="text"/>				

(Place office address stamp here)

Section X: Applicant Certification - To be completed by the Applicant

My signature below attests, subject to prosecution under 18 USC § 1001, that all information provided by me on this form is complete and true to the best of my knowledge, and I agree that it is to be considered part of the basis for issuance of any medical certificate to me. I have not knowingly omitted any material information relevant to this form. I have also read and understand the Privacy Act Statement that accompanies this form.

Signature of Applicant	Date (MM/DD/YYYY)
<input type="text"/>	<input type="text"/>