

MARINE CHEMIST CERTIFICATE

Marine Chemist's Name: JOSEPH TRETTEVIK
(Print)

SERIAL NO. **A** 058774

Marine Chemist's Contact Information: [REDACTED]
(Telephone/Pager/Email)

SOUND TESTING, INC.
24 HOUR SERVICE

Page 1 of 1
4/6/23

<u>TRIDENT</u>	<u>TRIDENT</u>	
Survey Requested by	Vessel Owner or Agent	Date
<u>KODIAK ENTERPRISE</u>	<u>FISH</u>	<u>TRIDENT THEOMA PIER</u>
Vessel	Type of Vessel	Specific Location of Vessel
<u>(DIESEL) 03, (LUBE) 03</u>	<u>VISUAL, O₂, LEL, CO, H₂S, VOC</u>	<u>1030 HRS</u>
Last Three (3) Loadings	Tests Performed	Time Survey Completed

N° 4/5 PORT FUEL VENT
N° 4/5 STBD FUEL VENT
STBD LUBE OIL VENT

ATMOSPHERE SAFE FOR WORKERS

SAFE FOR HOT WORK ~~☐~~

SAFE FOR LIMITED HOT WORK

<u>O₂ = 20.9% LEL = 0%</u> <u>CO = H₂S < 1ppm</u> <u>VOC ≤ 40 ppm</u>

- LIMITATIONS:**
- ① POST FIRE WATCH
 - ② MAY GRIND, WELD AND CUT WITH SAWZALL OR BAND SAW TO REPLACE THE THREADS ON N° 4/5 FUEL VENTS (P/S) AND REMOVE THE STBD LUBE OIL VENT AND REPLACE IT WITH A FLANGED GOOSE NECK
 - ③ KEEP THE VENTS LISTED ABOVE ISOLATED FROM THEIR TANKS WITH A PLUGGED PLACED 6 INCHES INTO THE VENTS

In the event of physical or atmospheric changes affecting the STANDARD SAFETY DESIGNATIONS assigned to any of the above spaces, this certificate is voided; spaces not listed on the Certificate are not to be entered unless authorized on another Certificate and/or maintained in accordance with OSHA 29 CFR 1915; or if in any doubt, immediately stop all work and contact the undersigned Marine Chemist. Unless otherwise stated on the Certificate, all spaces and affected adjacent spaces are to be reinspected daily or more often as necessary by the competent person in support of work prior to entry or commencement of work.

QUALIFICATIONS: Transfer of ballast, cargo, fuel, or manipulation of valves or closure equipment tending to alter conditions in pipelines, tanks, or compartments subject to gas accumulation, unless specifically approved on this Certificate, requires inspection and a new Certificate for spaces so affected. All lines, vents, heating coils, valves, and similar enclosed appurtenances shall be considered "not safe" unless otherwise specifically designated. Movement of the vessel from its specific location voids the Certificate unless shifting of the vessel within the facility has been specifically authorized on this Certificate.

STANDARD SAFETY DESIGNATIONS: (partial list, paraphrased from NFPA 306).

ATMOSPHERE SAFE FOR WORKERS: In the compartment or space so designated (a) the oxygen content of the atmosphere is at least 19.5 percent and not greater than 22 percent by volume; (b) the concentration of flammable materials is below 10 percent of the lower explosive limit; (c) any toxic materials in the atmosphere associated with cargo, fuel, tank coatings, inerting mediums, or fumigants are within permissible concentrations at the time of the inspection.

NOT SAFE FOR WORKERS: In the compartment or space so designated, entry is not permitted.

ENTER WITH RESTRICTIONS: In the compartment or space so designated, entry for work is permitted only if conditions of proper protective equipment, or clothing, or time, or all of the aforementioned, as appropriate, are as specified.

SAFE FOR HOT WORK: In the compartment or space so designated (a) the oxygen content of the atmosphere is not greater than 22 percent by volume; (b) the concentration of flammable materials in the atmosphere is less than 10 percent of the lower explosive limit; (c) the residues, scale, or preservative coatings are cleaned sufficiently to prevent the spread of fire and are not capable of producing a higher concentration than permitted by (a) or (b); (d) all adjacent spaces, containing or having contained flammable or combustible materials shall be sufficiently cleaned of residues, scale, or preservative coatings to prevent the spread of fire, or they are inerted. Ship's fuel tanks, lube tanks, or engine room or fire room bilges, or other machinery spaces, are treated in accordance with the Marine Chemist's requirements.

SAFE FOR LIMITED HOT WORK: In the compartment or space so designated (a) portions of the space meet the requirements for Safe for Hot Work and Partial Cleaning, as applicable, or (b) the space is inerted, adjacent spaces meet the requirements for Safe for Hot Work, and hot work is restricted to specific locations; (c) portions of the space shall meet the requirements for Safe for Hot Work, as applicable, and the nature or type of hot work is limited or restricted.

NOT SAFE FOR HOT WORK: In the compartment or space so designated, hot work is not permitted.

CHEMISTS ENDORSEMENT. This is to certify that I have personally determined that all spaces in the foregoing list are in accordance with NFPA 306 Control of Gas Hazards on Vessels and have found the condition of each to be in accordance with its assigned designation.

"The undersigned acknowledges receipt of this Certificate under NFPA 306 and understands conditions and limitations under which it was issued, and the requirements for maintaining its validity"

This Certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to the instructions.

Signed, [REDACTED] TRIDENT 4/6/23 Signed, [REDACTED] #725
Company Date Certificate No.

POSTING COPY

SOUND TESTING, INC.
24 HOUR SERVICE

Printed in U.S.A.

MARINE CHEMIST CERTIFICATE

Marine Chemist's Name: JOSEPH TRITTEVIK
(Print)

SERIAL NO. **A** 058769

Marine Chemist's Contact Information: [REDACTED]
(Telephone/Pager/Email)

SOUND TESTING, INC.
24 HOUR SERVICE

Page 1 of 1

TRIDENT

TRIDENT

Date 4/5/23

Survey Requested by

Vessel Owner or Agent

KODIAK ENTERPRISE

FISH

TRIDENT TACOMA PIER

Vessel

Type of Vessel

Specific Location of Vessel

(DIESEL) #3

VISUAL ^① HES O₂ LEL ~~CO~~ ~~VOC~~ ^②

0820 HRS

Last Three (3) Loadings

Tests Performed

Time Survey Completed

NO 1 FUEL P/S VENTS

SAFE FOR LIMITED HOT WORK

NO 2 STD FUEL VENT

ALL SPACES:
[O₂ = 20.9%, LEL = 0%]

WEATHER DECK AT BOW

LIMITATIONS: ① POST FIRE WATCHES

② MAY GRIND, WELD AND CUT WITH BANDSAW OR SAWZALL TO REPLACE THREAD IN THE FUEL VENTS LISTED ABOVE

③ KEEP VENTS PLUGGED TO ISOLATE HOT WORK FROM THE FUEL TANKS

In the event of physical or atmospheric changes affecting the STANDARD SAFETY DESIGNATIONS assigned to any of the above spaces, this certificate is voided; spaces not listed on the Certificate are not to be entered unless authorized on another Certificate and/or maintained in accordance with OSHA 29 CFR 1915; or if in any doubt, immediately stop all work and contact the undersigned Marine Chemist. Unless otherwise stated on the Certificate, all spaces and affected adjacent spaces are to be re-inspected daily or more often as necessary by the competent person in support of work prior to entry or commencement of work.

QUALIFICATIONS: Transfer of ballast, cargo, fuel, or manipulation of valves or closure equipment tending to alter conditions in pipelines, tanks, or compartments subject to gas accumulation, unless specifically approved on this Certificate, requires inspection and a new Certificate for spaces so affected. All lines, vents, heating coils, valves, and similar enclosed appurtenances shall be considered "not safe" unless otherwise specifically designated. Movement of the vessel from its specific location voids the Certificate unless shifting of the vessel within the facility has been specifically authorized on this Certificate.

STANDARD SAFETY DESIGNATIONS: (partial list, paraphrased from NFPA 306).

ATMOSPHERE SAFE FOR WORKERS: In the compartment or space so designated (a) the oxygen content of the atmosphere is at least 19.5 percent and not greater than 22 percent by volume; (b) the concentration of flammable materials is below 10 percent of the lower explosive limit; (c) any toxic materials in the atmosphere associated with cargo, fuel, tank coatings, inerting mediums, or fumigants are within permissible concentrations at the time of the inspection.

NOT SAFE FOR WORKERS: In the compartment or space so designated, entry is not permitted.

ENTER WITH RESTRICTIONS: In the compartment or space so designated, entry for work is permitted only if conditions of proper protective equipment, or clothing, or time, or all of the aforementioned, as appropriate, are as specified.

SAFE FOR HOT WORK: In the compartment or space so designated (a) the oxygen content of the atmosphere is not greater than 22 percent by volume; (b) the concentration of flammable materials in the atmosphere is less than 10 percent of the lower explosive limit; (c) the residues, scale, or preservative coatings are cleaned sufficiently to prevent the spread of fire and are not capable of producing a higher concentration than permitted by (a) or (b); (d) all adjacent spaces, containing or having contained flammable or combustible materials shall be sufficiently cleaned of residues, scale, or preservative coatings to prevent the spread of fire, or they are inerted. Ship's fuel tanks, lube tanks, or engine room or fire room bilges, or other machinery spaces, are treated in accordance with the Marine Chemist's requirements.

SAFE FOR LIMITED HOT WORK: In the compartment or space so designated (a) portions of the space meet the requirements for Safe for Hot Work and Partial Cleaning, as applicable, or (b) the space is inerted, adjacent spaces meet the requirements for Safe for Hot Work, and hot work is restricted to specific locations; (c) portions of the space shall meet the requirements for Safe for Hot Work, as applicable, and the nature or type of hot work is limited or restricted.

NOT SAFE FOR HOT WORK: In the compartment or space so designated, hot work is not permitted.

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"The undersigned acknowledges receipt of this Certificate under NFPA 306 and understands conditions and limitations for maintaining its validity."

This Certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to conditions and instructions.

Signed [REDACTED] TRIDENT

4/5/23

Signed [REDACTED] #725

Certificate No.

POSTING COPY

SOUND TESTING, INC.

24 HOUR SERVICE

Printed in U.S.A.

MARINE CHEMIST CERTIFICATE

Marine Chemist's Name: JOSEPH TASTTEVIK
(Print)

SERIAL NO. **A** 058764

Marine Chemist's Contact Information: [REDACTED]
(Telephone/Fax/Email)

SOUND TESTING, INC.
24 HOUR SERVICE

Page 1 of 1

Survey Requested by
TRIDENT
KODIAK ENTERPRISE

Vessel Owner or Agent
TRIDENT
FISH

Date
4/4/23

Vessel
(DIRTY WATER) X3

Type of Vessel
VISUAL, O₂, LEL, CO, H₂S, VOC

Specific Location of Vessel
TRIDENT TACOMA PIER
Time Survey Completed
0815 HRS

Last Three (3) Loadings

Tests Performed

Time Survey Completed

ENGINE ROOM } ATMOSPHERE SAFE FOR WORKERS
 } SAFE FOR HOT WORK

[O₂ = 20.9% LEL = 0%
 CO = H₂S = VOC < 1 ppm]

- REQUIREMENTS:
- ① POST FIRE WATCHES
 - ② KEEP HOT WORK OFF ADJACENT SPACES, PIPES AND HOLLOW STRUCTURES
- NOT CERTIFIED SAFE FOR HOT WORK

In the event of physical or atmospheric changes affecting the STANDARD SAFETY DESIGNATIONS assigned to any of the above spaces, this certificate is voided; spaces not listed on the Certificate are not to be entered unless authorized on another Certificate and/or maintained in accordance with OSHA 29 CFR 1915; or if in any doubt, immediately stop all work and contact the undersigned Marine Chemist. Unless otherwise stated on the Certificate, all spaces and affected adjacent spaces are to be reinspected daily or more often as necessary by the competent person in support of work prior to entry or recommencement of work.

QUALIFICATIONS: Transfer of ballast, cargo, fuel, or manipulation of valves or closure equipment tending to alter conditions in pipelines, tanks, or compartments subject to gas accumulation, unless specifically approved on this Certificate, requires inspection and a new Certificate for spaces so affected. All lines, vents, heating coils, valves, and similar enclosed appurtenances shall be considered "not safe" unless otherwise specifically designated. Movement of the vessel from its specific location voids the Certificate unless shifting of the vessel within the facility has been specifically authorized on this Certificate.

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NOT SAFE FOR WORKERS: In the compartment or space so designated, entry is not permitted.

ENTER WITH RESTRICTIONS: In the compartment or space so designated, entry for work is permitted only if conditions of proper protective equipment, or clothing, or time, or all of the aforementioned, as appropriate, are as specified.

SAFE FOR HOT WORK: In the compartment or space so designated (a) the oxygen content of the atmosphere is not greater than 22 percent by volume; (b) the concentration of flammable materials in the atmosphere is less than 10 percent of the lower explosive limit; (c) the residues, scale, or preservative coatings are cleaned sufficiently to prevent the spread of fire and are not capable of producing a higher concentration than permitted by (a) or (b); (d) all adjacent spaces, containing or having contained flammable or combustible materials shall be sufficiently cleaned of residues, scale, or preservative coatings to prevent the spread of fire, or they are inerted. Ship's fuel tanks, lube tanks, or engine room or fire room bilges, or other machinery spaces, are treated in accordance with the Marine Chemist's requirements.

SAFE FOR LIMITED HOT WORK: In the compartment or space so designated (a) portions of the space meet the requirements for Safe for Hot Work and Partial Cleaning, as applicable, or (b) the space is inerted, adjacent spaces meet the requirements for Safe for Hot Work, and hot work is restricted to specific locations; (c) portions of the space shall meet the requirements for Safe for Hot Work, as applicable, and the nature or type of hot work is limited or restricted.

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"The undersigned acknowledges receipt of this Certificate under NFPA 306 and understands conditions and limitations for maintaining its validity."

This Certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

Signature: [REDACTED]

TRIDENT

4/4/23

Signature: [REDACTED]

Certificate No. #725

POSTING COPY

SOUND TESTING, INC.

24 HOUR SERVICE

Printed in U.S.A.

MARINE CHEMIST CERTIFICATE

Marine Chemist's Name: Lucas Kuetler
(Print)

SERIAL NO. **A** 059915

SOUND TESTING, INC.

Marine Chemist's Contact Information: [Redacted]
(Telephone/Pager/Email)

Page 1 of 1

Trident Tacoma

Trident Seafoods

03/30/23

Survey Requested by
F/V Kodiak Enterprise

Vessel Owner or Agent
Fishing

Date

Trident Tacoma Pier

Vessel
Diesel as Fuel (3x)

Type of Vessel
O₂, LEL, CO, H₂S, VOC, Visual

Specific Location of Vessel

1100

Last Three (3) Loadings

Tests Performed

Time Survey Completed

Bowthruster Compartment
#25 tbd Fuel Tank

} Atmosphere Safe for Workers
Safe for LIMITED Hotwork
20.8% O₂, <1% LEL, <1ppm CO, <1ppm H₂S
<1ppm VOC. Tank is residue free.

Limitations - Limit hotwork to burning, welding, grinding & gouging to
crop + remove ~12 inch by ~8 ft section of longitudinal bulkhead
between Bowthruster space and Fuel tank #25 tbd. Insert begins
@ ~mid compartment of tanktop and stretches aft.

Maintain fuel system valves closed & secured

Maintain forced air mechanical ventilation on Fuel tank

Post firewatches in hotwork areas w/ water lines

Maintain work areas clean + free of flammable/combustible materials

Keep hotwork 6 inches off all untested/uncertified spaces,
Fuel tanks, pipelines, hollow structures, etc.

SCP reinspect O₂, LEL, CO, H₂S, VOC, Visual daily in support
of work.

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"The undersigned acknowledges receipt of this Certificate under NFPA 306 and understands conditions and limitations and the requirements for maintaining its validity."

This Certificate is based on completed and is issued subject to conditions set forth was completed

Signed [Redacted]

Trident Seafoods 03/30/23

Signed [Redacted]

728

POSTING COPY

24 HOUR SERVICE

Printed in U.S.A.

Marine Chemist's Name: JOSEPH TRISTEVIK
(Print)

MARINE CHEMIST CERTIFICATE

SERIAL NO. **A** 05875

Marine Chemist's Contact Information

SOUND TESTING INC.
24 HOUR SERVICE

Page 1 of 1
3/28/23

TRIDENT

Survey Requested by

TRIDENT

Vessel Owner or Agent

KODIAK ENTERPRISE

RUST

Type of Vessel

TRIDENT Tacoma Pier

Specific Location of Vessel

Vessel

(DIESEL) X3

Visual, O₂, LEL, CO, H₂S, VOC

Tests Performed

Time Survey Completed

Last Three (3) Loadings

No 2 PORT FUEL
~~No 4 STBD FUEL~~
No 5 STBD FUEL

NOT SAFE FOR HOT WORK
ATMOSPHERE SAFE FOR WORKERS

ALL SPACES:
 $O_2 = 20.9\%$, $LEL = 0\%$
 $CO = H_2S < 1 ppm$
 $VOC \leq 14 ppm$

No 2 STBD FUEL
PORT DAY TANK
~~No 4 PORT FUEL~~
No 6 PORT FUEL
No 6 STBD FUEL
ENGINE ROOM
No 5 PORT FUEL

ATMOSPHERE SAFE FOR WORKERS
SAFE FOR HOT WORK

ALL SPACES:
 $O_2 = 20.9\%$, $LEL = 0\%$
 $CO = H_2S < 1 ppm$
 $VOC \leq 14 ppm$

- REQUIREMENTS:**
- ① POST FIRE WATCHES
 - ② KEEP HOT WORK OFF AND ISOLATED FROM ADJACENT SPACES, PIPES AND HOLLOW STRUCTURES NOT CERTIFIED SAFE FOR HOT WORK

flammable or combustible tanks, tube tanks, or engine room or fire room bilges, or other machinery spaces, are treated in accordance with the Marine Chemist's requirements.

SAFE FOR LIMITED HOT WORK: In the compartment or space so designated (a) portions of the space meet the requirements for Safe for Hot Work and Partial Cleaning, as applicable, or (b) the space is inerted, adjacent spaces meet the requirements for Safe for Hot Work, and hot work is restricted to specific locations; (c) portions of the space shall meet the requirements for Safe for Hot Work, as applicable, and the nature or type of hot work is limited or restricted.

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This Certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to the conditions set forth herein.

Signed

[Redacted Signature]

TRIDENT

3/28/23

Date

Signed

[Redacted Signature]

*725

Certificate No.

POSTING COPY

24 HOUR SERVICE

Printed in U.S.A.