

Marine Chemist's Name: Joseph Tetzvik

(Print)

Marine Chemist's Contact Information:

(Telephone/Pager/Email)

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Survey Requested by

M/V ALERTON FALCON

Vessel Owner or Agent

Type of Vessel

Last Three (3) Loadings

Tests Performed

Specific Location of Vessel

Time Survey Completed

TABENT TABENT 2-4-2021
Field Field Field
1200 Hrs

WARM PASSENGER (FWD) WARM PASSENGER (FWD)
ATMOSPHERE SAFE FOR WORKERS
ATMOSPHERE SAFE FOR WORKERS

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

RESTRICTIONS: 1) Post Fire Watch with Charged Water Hose

2) May Grind Weld and Cut with Cut Off Wheel TO THE WATER DECK ABOVE THE OIL-IN REFRIGERATOR (FWD) INSTANT PENETRATING IS

Atmosphere Safe For Workers
Safe For Hot Work

RESTRICTIONS: 1) Post Fire Watch
2) Keep Hot Work Off Isolated Safe Fire

ADJACENT SPACES NOT CERTIFIED SAFE FIRE
HOT WORK
KEEP HOT WORK 12 INCHES AWAY AND

ISOLATION FROM ANY OTHER ISOLATIONS

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 of 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 compliance with all qualifications and instructions.

Signed TABENT 2-4-2021 Signed #725
 Company Date Certificate No.