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September 03, 2024

KIRK HAMMOND
GLENN BURNEY MARINA LTD
25 GLENN BURNEY RD, PO BOX 184
PARRY SOUND ON P2A 2X3
CANADA
kirk@glennburneymarina.com

Work Order Type: FS Variance - LF
Work Order No.: 14089988
Facility Type: FS Marina
Located at: 25 GLENN BURNEY RD, PARRY SOUND, ON, P2A 2X3

Re: Variance from Clause 5.5.4 of the LFHC 2017 Code, O. Reg. 217/01

Dear KIRK HAMMOND,

This is in response to your variance application involving fuel dispensers at the Glenn Burney Marina.

Your variance request was to allow fuel dispensers on a floating dock.

Please be advised that your variance application has been approved because:

- The Kropf floating dock will be used in place of the stationary dock.
- The piping will be equipped with shear valves at the dispensers and at the shore so there will be no spillage in the event of any significant movement of the dock.
- The installation drawings and the risk and safety management plan are approved by a professional engineer.
- Horizontal movement will be restricted by anchors fixed to the dock.
- Secondary chains will be used to restrain dock movement in addition to the primary dock connections.
- DoubleTrac by Omega Flex piping will be used to convey the fuel from the shore along the length of the main dock to the two dispensers on the dock.
- DoubleTrac pipe is a flexible double-wall pipe that has been certified by the Underwriters' Laboratories of Canada (ULC) for both aboveground and underground installation and acceptable for floating dock installations per manufacturer installation instructions.
- A letter from the pipe manufacturer (Omega Flex) confirms that their DoubleTrack pipe is acceptable for installation on a floating dock at this location.
- DoubleTrac piping is vacuum monitored. A pipe failure in either the primary or secondary pipe will result in a loss of vacuum.

- A breakaway fitting will be in place at the shoreline end of the main pipe which will fail closed in the event of a pipe separation.
- Emergency stop will be located near dispensers.
- Under-dispenser sumps will be equipped with leak sensors.
- Dispensers will be equipped with shear valves.
- The floating dock components will be inspected weekly during the operating season (May - September) and monthly during the off-season (October - April). The inspection routine is as follows:
 - Inspect the vacuum gauge at both ends of the DoubleTrac piping. If either gauge reads below -12 in Hg, close the shut-off valve at the shore;
 - In the off-season, the shut-off valve at the shore should remain closed at all times when not in use;
 - Visually inspect the hinge connections between the main dock and the fuel service dock;
 - Visually inspect the hinge connections between the main dock and the shoreline;
 - Visually inspect the under-dispenser sumps on the fuel service dock for any build up of fluid or damage to the sump wall.

This variance will not take effect until 15 days from the date of posting the decision on the environmental registry. This decision of the Director is subject to a right of appeal, under the Environmental Bill of Rights, if such an appeal is filed within 15 days from date of posting. In the event an appeal is filed, this decision of the director may be subsequently stayed, disallowed or significantly altered. Notice of an appeal will be placed on the Environmental Bill of Rights registry.

This variance is allowed under the authority of subsection 36.(3)(c) of the *Technical Standards and Safety Act, 2000*, (the “Act”) and subject to such conditions as may be specified herein, being that:

- The installation/system/appliance dealt with in this variance must be inspected by TSSA. Please fill out the FS Customer Inspection Request Form found on our website and submit to fuelsinspection@tssa.org to schedule your inspection;
- Non-conformity with the conditions specified shall thereby cause the allowed variance to become null and void;
- The applicant accepts full responsibility for any and all damages resulting from the use of the thing to which the variance applies. The applicant further accepts full responsibility for any impacts to the health and safety of any person in consequence of the allowance of the variance or of non-conformity with the conditions specified. The Technical Standards and Safety Authority accepts no responsibility for any such damages or impacts;
- In the event of any claims against the Technical Standards and Safety Authority arising from allowance of the variance or non-conformity with the conditions specified, the applicant agrees to indemnify the Technical Standards and Safety Authority and agrees to hold it harmless from such claims and attendant costs;
- The variance process is subject to public access under the TSSA Access and Privacy Code (available upon request). The fact that a variance has been granted and information about any public conditions, such as a requirement to post a sign, may be released on request. Subject to law and the TSSA Access and Privacy Code, proprietary information will not be subject to release;

- The applicant shall pay the fee associated with the review of the variance; and
- A copy of the variance letter shall always be kept readily available and permanently legible in the vicinity of the appliance/equipment.

This variance only relates to the Act and regulations made thereunder and does not exempt you from compliance with other applicable regulatory requirements. The installation may be subject to an inspection to ensure compliance with the terms of the variance.

Should you have any questions or require further assistance, please contact Marek Kulik at +1 416-734-3465 or by email at mkulik@tssa.org. When contacting TSSA regarding this file, please refer to the Work Order number provided above.

Yours truly,



Gary Highfield, P. Eng.
Engineering Manager, Fuels
Delegated Authority under section 36(3) (c) of TSS Act

- c. Reed Stock, Comco Canada, reed.stock@comcocanada.com

**A legible copy of this letter shall be kept readily available near the appliance/equipment.
This Variance is not valid unless all Variance Conditions in this letter have been met.**