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March 22, 2023

KEN BOUCHARD  
SHELL CANADA LIMITED  
400 4TH AVE SW,  
CALGARY AB T2P 0J4  
CANADA  
Ken.Bouchard@shell.com

**Work Order Type:** FS Variance - LF  
**Work Order No.:** 8125500  
**Facility Type:** Gas station  
**Located at:** 2695 CREDIT VALLEY RD, MISSISSAUGA, ON, L5M 4S1

**Re: Variance from Clause 4.5.1.3 of the LFHC 2017 Code, O. Reg. 217/01**

Dear KEN BOUCHARD,

This is in response to your variance application involving the electronic line leak detection (ELLD) upgrade.

Your variance request was to extend the upgrade deadline to June 1, 2023.

Please be advised that your variance application has been approved because there are several activities that Shell engages in to ensure their petroleum systems are in working order and do not pose any risks to the environment. These include:

- Shell currently monitors their piping systems with liquid sensors in the dispenser sumps.
- Third party petroleum and facility maintenance contractors perform annual and bi-annual inspections on all fuel systems.
- The retailers perform weekly inspections and are mandated to call in any irregularities they may observe.
- Shell's SIR (Statistical Inventory Reconciliation) group monitors any variances, and if they determine that any discrepancies are concerning or have a pattern, they request to have Tank and Line testing performed by Cantest, a company that specializes in third party leak detection testing, evaluation and calibration services for storage tanks and fuel dispensing equipment.

**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 and may be periodically audited by TSSA. Please contact [fuelsinspection@tssa.org](mailto:fuelsinspection@tssa.org) or 1-833-937-8772 (1-833-WFP-TSSA) to book an 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](mailto: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

**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.**