



Amendments to the Fuel Oil Code Adoption Document (CAD) 2021

TSSA has completed an online consultation on the Code Adoption Document (CAD) amendments for Fuel Oil. The CAD is published on October 12th, 2021 and effective Dec. 12th, 2021.

The Fuel Oil CAD is adopted by reference in Ontario Regulation 213/01. TSSA will adopt the 2019 edition of CSA B139 series 19 Code, as well as CSA B138.1 and B138.2 (2017 edition) in relation to portable generators.

Summary of Consultation

TSSA would like to thank all individuals who participated in the consultation. There were 568 visitors to the consultation web page, 131 visitors reviewed or downloaded the attached documents, and 30 individuals submitted responses via the web page and email. In addition, TSSA posted the draft CAD on the Ontario Environmental Registry. There was 1 comment received through that process.

TSSA reviewed and analyzed the range of comments that were received. Comments focused on environmental concerns, technology, and reducing current amendments not directly tied to safety outcomes. TSSA's final CAD amendments were guided by an analysis of evidence, national code considerations (current and future), and its overall safety mandate. Stakeholder feedback that did not align with these principles was not accepted in the final version of the CAD amendments. TSSA encourages stakeholders to propose changes to the national code committees for consideration in future editions.

TSSA is publishing the Fuel Oil CAD with three new amendments and additional minor changes based on the feedback from the consultation.

The three amendments include the acceptance of press connect fittings, exempting packaged generators from certain clearance rules, and removing the requirement for a 90-day limit on portable generators. In addition, TSSA has established a five-year transition period for portable generators to come into compliance with the editions of B138.1 and B138.2 in effect in Ontario at the time.

TSSA is committed to gradually reducing Ontario specific amendments through future code adoption cycles.

This consultation summary will remain on the website until June 12, 2022.

Please see the published Fuel Oil CAD here ([hyper linked](#)).

Code Adoption Summary (included in the consultation)

Codes adopted	Publication date	Overview of changes
CSA B-139 Series 19	2019	3 notable changes and minor changes including formatting
CSA B-138.1 and 138.2	2017	Now applicable to portable generators.

Ontario Specific Amendments* Summary



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In this version of the CAD TSSA has removed 29 of the 55 existing Ontario specific amendments in the Fuel Oil CAD and has added 3 requirements for a net reduction of 26 clauses. In total 29 Ontario specific changes will continue to be enforced. Below is the change log.

CAD	Existing Ontario Specific amendments	New Ontario specific amendments
2018 Version	55	3 new Ontario Specific amendments.
2021 Version ¹	29	
Net change ²	-26	

*Ontario specific amendment is defined as any addition or deletion of rules and/or requirements from the national codes that are unique to Ontario.

Added (*Sections here refer to sections of the 2021 version of the Fuel Oil CAD):

- Clause 1.1.8 –allows the use of certified press connect piping.
- Clause 1.2.1 – allows for the application of CSA B138.1 and 138.2 (2017) to portable generators
- Clause 1.2.5 – allows for packaged generators to be exempt from the 1m clearance rule for its exhaust.

Removed (*Sections here refer to sections of the 2018 version of the Fuel Oil CAD)

1. **Section 1.1.1** – Ontario amendments to Clause 2.1. of CSA B139.1.0
2. **Section 1.1.8** – Ontario amendments to Clause 5.1.2. of CSA B139.1.0
3. **Section 1.1.10** – Ontario amendments to Clause 5.2.2. of CSA B139.1.0
4. **Section 1.1.11** – Ontario amendments to Clause 5.4.4.1. of CSA B139.1.0
5. **Section 1.1.13** – Ontario amendments to Clause 6.1.2. of CSA B139.1.0
6. **Section 1.1.18** – Ontario amendments to Clause 8.8. of CSA B139.1.0
7. **Section 1.1.19** – Ontario amendments to Clause 9.3.4.2. of CSA B139.1.0
8. **Section 1.1.20** – Ontario amendments to Clause 9.6.4. of CSA B139.1.0
9. **Section 1.1.21** – Ontario amendments to Clause 9.7.1.3.(b) of CSA B139.1.0
10. **Section 1.1.22** – Ontario amendments to Clause 9.7.1.10. of CSA B139.1.0
11. **Section 1.1.23** – Ontario amendments to Clause 9.7.1.14. of CSA B139.1.0
12. **Section 1.1.24** – Ontario amendments to Clause 9.7.4.6.(c) of CSA B139.1.0
13. **Section 1.1.25** – Ontario amendments to Clause 10.1.1. of CSA B139.1.0
14. **Section 1.1.27** – Ontario amendments to Clause 10.5.1.1. of CSA B139.1.0
15. **Section 1.1.30** – Ontario amendments to Clause 12.1. of CSA B139.1.0
16. **Section 1.1.31** – Ontario amendments to Clause 12.8.3.1. of CSA B139.1.0
17. **Section 1.1.32** – Ontario amendments to Table 11(a) of CSA B139.1.0
18. **Section 1.1.33** – Ontario amendments to Clause 13.3.5.3. of CSA B139.1.0
19. **Section 1.1.34** – Ontario amendments to Clause 13.4.2. of CSA B139.1.0
20. **Section 1.2.1** – Ontario amendments to Clause 1.1. of CSA B139.1.1
21. **Section 1.2.2** – Ontario amendments to Clause 4.1.1. of CSA B139.1.1
22. **Section 1.2.3** – Ontario amendments to Clause 4.3. of CSA B139.1.1

¹ This number is the net between provisions that have been removed and new provisions that have been added in 2021 CAD.

² Net changes refers to the difference between 2018 and 2021 CAD.



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23. **Section 1.2.5** – Ontario amendments to Clause 5.1.3. of CSA B139.1.1
24. **Section 1.2.8** – Ontario amendments to Clause 6.4.2. & 6.4.3. of CSA B139.1.1
25. **Section 1.2.9** – Ontario amendments to Clause 6.4.4. of CSA B139.1.1
26. **Section 1.2.11** – Ontario amendments to Clause 7.2.3.(a) of CSA B139.1.1
27. **Section 1.4.3** – Ontario amendments to Clause 5.1.2 of CSA B139.2
28. **Section 1.4.4** – Ontario amendments to Clause 5.3. of CSA B139.2
29. **Section 1.4.7** – Ontario amendments to Clause 6.2.2.2 of CSA B139.2.