

FIELD TESTING COMPLIANCE CARDS



USER GUIDELINE
2025

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THE FIELD TESTING COMPLIANCE CARDS INITIATIVE



As part of the Concrete Ontario Field Testing Working Group, various strategies were discussed to address the ongoing challenges with field testing practices in Ontario. One key aspect that emerged was the need for greater transparency and collaboration across the industry. Specifically, CSA standards mandate that laboratories disclose instances of improper testing. This requirement aims to increase accountability and help rectify any discrepancies. However, the issue often lies in the fact that many of these problems are not discovered until a dispute arises.

At that point, the onus is on the producer to prove that improper testing occurred, a task that can be exceedingly difficult, especially when the evidence is no longer readily available. Addressing these challenges requires proactive measures, such as improved documentation, clear communication, and standardized protocols, to ensure fairness and accuracy throughout the testing process.

PURPOSE OF THE JOBSITE COMPLIANCE CARDS

Concrete Ontario is introducing compliance cards as a visible and immediate way to indicate whether a jobsite meets the three basic requirements outlined in the CSA A23.1/2 standard. These cards are intended to be placed next to cast concrete cylinders, providing a clear and straightforward method for individuals to verify that proper testing procedures have been followed in line with the requirements of both CSA A23.1 and CSA A23.2.

The compliance cards play a crucial role in promoting transparency and accountability on construction sites, ensuring that testing protocols are consistently adhered to. They also foster communication between contractors, producers, and testing agencies, helping to identify and address any compliance issues promptly.

By using the cards, all parties can have greater confidence that the concrete mix and testing procedures meet the rigorous quality standards set by CSA, ultimately enhancing the integrity of the construction process.

The three key requirements highlighted on the compliance cards address ongoing challenges faced by ready-mix producers. As the initiative develops, there may be opportunities to expand the cards' scope by adding further requirements to improve compliance and streamline the testing process. This continuous evolution ensures the cards remain adaptable and effective in tackling emerging industry challenges.

CARD VERSIONS

Both compliance and non-compliance cards are available to not only highlight improper testing practices but also to recognize and praise good testing procedures. This dual approach fosters a culture of accountability and excellence, helping to drive continuous improvement in the industry.





CONCRETE ONTARIO
Ready Mixed Concrete Association of Ontario



ACI
CERTIFICATION

COMPLIANT

CONCRETE TESTING

Concrete Ontario and its members strictly adhere to CSA A23.1/2:24 and all applicable concrete field testing requirements. The testing procedures on this project have been identified as compliant and congratulations are in order!

Further information is presented on the back of this card.

Compliant: Date: _____

Certification:

Field testing technician(s) provided certification card in accordance with CCIL or ACI certification. (A23.1 4.4.1.7)

Storage:

Test specimens were stored in an environment between **15 and 25°C during initial curing**. (A23.2-3C 9.3.2.1)

Temperature measuring device was observed immediately adjacent to the specimens, to report minimum and maximum initial curing temperature (A23.2-3C 9.3.2.1).

Thank you very much for ensuring full compliance with the requirements outlined in CSA A23.1/2:24.



CONCRETE ONTARIO
Ready Mixed Concrete Association of Ontario



ACI
CERTIFICATION

NON-COMPLIANT

CONCRETE TESTING

Concrete Ontario and its members strictly adhere to CSA A23.1/2:24 and all applicable concrete field testing requirements. The testing procedures on this project have been identified as non-compliant and must be addressed immediately.

Further information is presented on the back of this card.

Non-compliant: Date: _____

Certification:

Field testing technician(s) did not provide certification card or was not certified in accordance with CCIL or ACI certification. (A23.1 4.4.1.7)

Storage:

Test specimens were not observed to be stored in an environment between **15 and 25°C during initial curing**. (A23.2-3C 9.3.2.1)

Temperature measuring device was not observed immediately adjacent to the specimens, therefore hindering compliance report minimum and maximum initial curing temperature (A23.2-3C 9.3.2.1).

Immediate remedial action must be taken to ensure full compliance with CSA A23.1/2:24 requirements.

MATERIALS NEEDED TO PRINT THE COMPLIANCE CARDS

The cards were designed with the intention that any producer in Ontario can print them independently, following the procedures outlined below.

MATERIALS NEEDED

1. An inkjet, or laser colour printer. A black and white printer can be used, although it may impact the visual appeal of the cards.
2. Avery paper number 5371. These cards are available in inkjet or laser printer-compatible versions (Figure 1) – users should select the appropriate type based on their printer. Available at [Amazon](#), [Staples](#), and other retailers.

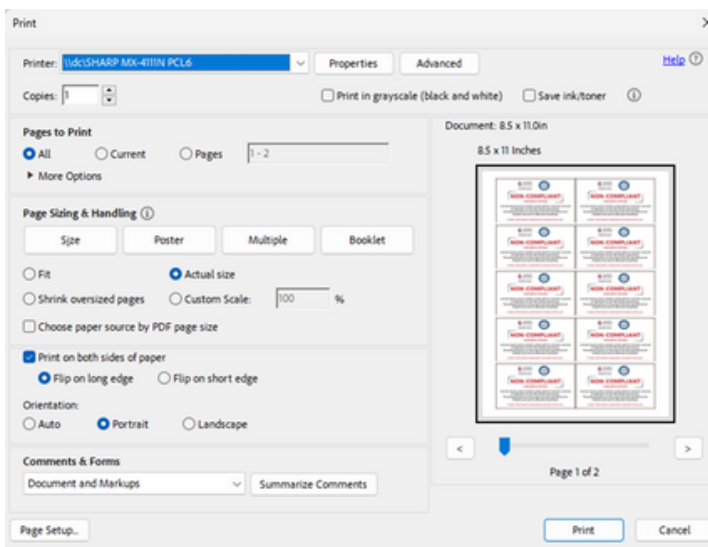


PRINTING INSTRUCTIONS

Concrete Ontario provides a ready-to-print PDF file that aligns with the paper template. Users simply need to select the "print on both sides of the paper" option in their printer settings. It is recommended to first print a test page and then print additional pages as necessary.

STEPS:

- Open the template provided by Concrete Ontario in Adobe Acrobat Reader. While other similar software may also work, the instructions here will use screenshots from Acrobat as examples.
- The template will automatically open the printing window; if it doesn't, press Ctrl+P on your keyboard.
- We recommend printing a test-page to ensure alignment.
- Ensure that the Avery 5371 paper stock is loaded in your printer and selected for printing (this may vary depending on your printer model).
- Choose the option to "Print on both sides of paper" as shown on the right.
- Check if the print lines up with the pre-perforated cards.
- Separate cards by folding back and forth.



HOW TO USE THE CARDS

The compliance and non-compliance cards are designed to raise awareness about field testing practices on-site and should be used accordingly. Whenever possible, it is recommended to have an initial discussion with the testing lab and contractor to introduce the initiative and attempt to resolve any issues before resorting to the use of the cards. If this approach is not effective, the cards can then be used to escalate the issue, facilitating a more efficient resolution.

When on the jobsite, card users should complete the relevant fields and place the cards next to the cylinders. It is essential that the user does not interfere with the quality of the cylinders in any way, such as by touching them or opening a cooler where they are stored. This ensures the integrity of the cylinders is maintained. Afterward, a photo of both the cards and any non-compliance (if applicable) should be taken, followed by direct communication with the testing lab, contractor, or both.



USAGE

STEPS:

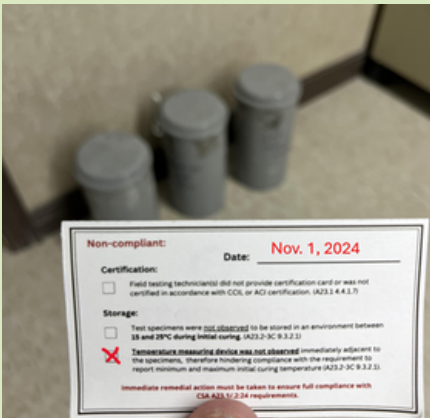
- Select the appropriate card: compliance or non-compliance.
- Fill out the date and check the appropriate boxes.
- Place the card in a visible place, near the recently cast cylinders.
- Take a picture of the cylinders and card.

If appropriate, follow up on the issue with either:

- The testing lab
- The contractor
- Both parties

- When following up, we encourage members to include Concrete Ontario's exclusive field-testing e-mail address: fieldtesting@concreteontario.org for additional support.

- Keep a copy of the non-compliance (if applicable) picture and the written correspondence for any future disputes. This can also be achieved by including the Concrete Ontario field testing e-mail when communicating, as an extra layer of documentation for future need.





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