



## Field Testing Technician & Driver Interaction COVID-19 Best Practices

### Concrete Delivery Tickets

The information on a concrete delivery ticket is provided to the concrete field testing technician to allow for the field test results to be reported properly. While the required properties of the concrete are included in the concrete mix design submission at the start of the project, the delivery ticket includes information specific to the batch of concrete being delivered. This data needs to be included in the concrete compressive strength report to ensure that the concrete conforms to the various jobsite acceptance criteria (class of concrete, batch time, time of placement, etc.).

To minimize contact between drivers and field testing technicians, Concrete Ontario highly encourages the use of electronic ticketing. Using either personalized software or e-mail, the ticket must be sent electronically to all relevant parties during or after the placement, as is agreed upon prior to placement.

Alternatively, where it is not possible to eliminate paper ticketing, physical distancing of a minimum 2 m (6 ft) must be maintained at all times. Some options for transferring the information on the delivery ticket from the driver to the testing technician or the site superintendent can include:

1. Verbally - in person (while maintaining physical distancing requirements) or by phone.
2. The testing technician or the site superintendent can take a photo of the paper concrete ticket without physically touching the ticket. The procedure of taking the photo should be determined beforehand to ensure the driver and site personnel are confident that no physical interaction will take place. For example, a ticket can be placed on a clipboard and placed on the fender or bumper where a picture can be taken from a safe distance.



Under no circumstance should site personnel make physical contact with the ticket as it increases the risk of spreading the COVID-19 virus and exposes all parties to a greater risk.

### **Sampling**

Sampling shall be conducted as per CSA A23.2-1C and physical distancing between the testing technician and driver shall be a minimum of 2 m (6 ft) at all times.

At no point shall the testing technician touch the chute, hose, truck controls or any other part of the truck. The driver will assist the testing technician with sampling while ensuring that the physical distance is maintained.

### **Testing**

While conducting the testing, all testing technicians are encouraged to maintain physical distancing from other individuals and to not share equipment with other technicians. Once the testing is complete, the plastic concrete test results should be communicated verbally to QC staff or the driver while maintaining a minimum 2 m (6 ft) separation at all times.

### **Testing Equipment Cleaning**

When the testing company requires water for the cleaning of their equipment, the equipment is to be placed on the ground and only the driver is allowed to use the hose to wash down the tools without touching the equipment. Alternatively, a pail provided by the testing technician can be filled by the driver to allow the testing technician to wash their own tools and equipment. Please note that the responsibility for cleaning the equipment is not the driver's but assistance can be provided at the discretion of the driver and ready-mix company.

### **Electronic Delivery of Test Results**

As required in CSA A23.1/.2 – 25C – Clause 6 “Unless otherwise agreed, test results shall be provided to the owner, contractor, and concrete supplier within five working days of completion of the test.” Given the reduced staffing levels on all projects, the timely distribution of concrete test results is even more critical. If 7 day and 28 day concrete test results are not being provided to the concrete producer within the time frame stated above, please advise Concrete Ontario directly so that this issue can be addressed with the laboratory directly or with the appropriate certifying body.

**Concrete Ontario Health & Safety Committee**

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