

## PCC Sampling and Testing – Cylinders – Quick Reference Guide

Pursuant to sampling and testing requirements as prescribed by the NDOT Materials and Sampling Guide

**Project inspection personnel** will create the SMGR sample record to document PCC sampling and testing using these specific parameters.

**Material Code, Name, and Description:**

1002PCC, Portland Cement Concrete

**Test Templates:**

PCF009, Cylinder Cast

PCF011, Proportions (Mix Design) or Proportions (No Mix Design)

PCL004, Compressive Strength – Average of Two

**Project inspection personnel** will:

- complete the cylinder cast template to provide the number of cylinders, early break (if desired), and stationing.
- complete the proportions template to provide mix information including batch weight.
- add the compressive strength template (results will be entered by **lab personnel**).

A single set of cylinders will be recorded on a sample record.

Note\* As cited in the MSG, structural pours exceeding 100 cubic yards, will require **three** sets of cylinders and will be documented as **three** sample records.

Cylinder cast, proportions, and compressive strength will share the same record. **Lab personnel** are responsible for sample record authorization.