

**North Carolina Department of Transportation
Materials & Tests Unit
2015 Precast Concrete Annual Facility Audit Checklist**

M&T Technician: _____

Division: _____

Date: _____

Facility Owner: _____

Facility Number and Location: _____

The following steps are to be performed during the annual plant inspections unless noted.

Pass **Fail**

Documentation

- | | | |
|-------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| _____ | _____ | 3 rd party facility certificate with expiration date (must be on-site) |
| _____ | _____ | 3 rd party inspection report (must be complete and on-site) |
| _____ | _____ | Facility manager is sending all inspection documentation to M&T (min. documentation: 3 rd party facility Certificate, 3 rd party inspection approval letter) |
| _____ | _____ | NCDOT approved mix designs |
| _____ | _____ | NCDOT certified Concrete Field Technician |
| _____ | _____ | NCDOT certified Concrete Batch Technician |
| _____ | _____ | Ready Mix facility is on approved list (if applicable) |
| _____ | _____ | Approved materials (cement, fly ash, aggregate, admixtures) per approved mix designs |
| _____ | _____ | Bill of Lading format for shipped pieces with alternate ID's |
| _____ | _____ | Cylinder testing machine (on site) |
| _____ | _____ | Associated NCDOT documentation |
| _____ | _____ | Forms/formwork |

Comments: _____

Self-Consolidating Concrete (SCC)

Is SCC utilized in all production of NCDOT products? Yes No (If no explain)

Comments: _____

Samples Obtained

| SAMPLE | SAMPLE TAKEN FROM | HiCAMS # | COMMENTS |
|---------------------|-------------------|----------|-------------------------------------------------------|
| Cement | | | |
| Pozzolan | | | |
| Reinforcing Steel | | | Must have certifications with sample. Size of Bar: |
| Reinforcing Steel | | | Must have certifications with sample. Size of Bar: |
| Reinforcing Steel | | | Must have certifications with sample. Size of Bar: |
| Water | | | Must sample |
| Admixture | ----- | ----- | Must be on approved list. |
| Aggregates (coarse) | | | Must come from approved QC/QA quarry |
| Aggregates (fine) | | | Must come from approved QC/QA quarry |