Date       Time

Producer ___________________ Location __________________________ Region ________
Plant Representative _______________ Plant Manager ______________________
Plant Address _____________________
Phone/Email ______________________
Regional M&T Inspector _______________ HQ M&T Inspector ____________________

General Information

1. Are there deficiencies noted on the last Region Inspection Report? __________ Yes □ No □
2. Are there deficiencies noted on the last HQ Audit? __________ Yes □ No □
3. Are there deficiencies noted on the last audit performed by certifying agency? __________ Yes □ No □
4. Is previous precast inspection checklist readily available? __________ Yes □ No □
5. Are deficiencies from previous audits or inspections recurring? __________ Yes □ No □
6. ACPA / NPCA / PCI Certification (circle one) Expiration Date: ____________________________
7. List all TDOT products made at facility:
   __________________________________________________________________________________
   __________________________________________________________________________________
8. Is the plant certified to produce each of these products? __________ Yes □ No □
9. Is there a mix design for each type of product being produced? __________ Yes □ No □
10. According to which of the following are products being manufactured?
    a. TDOT Standard Drawing __________ Yes □ No □
    b. Approved Alternate Drawing __________ Yes □ No □
    c. Contract Plans __________ Yes □ No □
    d. ASTM/AASHTO Specifications __________ Yes □ No □

Comments: ____________________________________________________________________________

_____________________________________________________________________________________
Materials

1. Check materials against approved mix design (ask for material delivery tickets):
   - Cement
   - Fly Ash
   - GGBFS
   - Chemical Admixtures
   - Coarse Aggregate
   - Fine Aggregate

2. Are all constituent materials approved on QPL or Producer List?...Yes □ No □

3. Is patching material approved on QPL?...Yes □ No □

4. Is documentation of aggregate properties (i.e. specific gravity and absorption) readily available?...Yes □ No □

5. Is steel used at the plant on the Producer List and mill certs readily available?...Yes □ No □

6. Does the plant use drawn down wire?...Yes □ No □

7. If yes, are certs readily available?...Yes □ No □

8. Does Plant use municipal or non-municipal water?...Municipal □ Non-municipal □

9. If non-municipal water, are test records kept on file?...Yes □ No □

Comments: _________________________________________________________________________

Quality Control Program

1. Is Quality Control Manual readily available?...Yes □ No □

2. Is organizational chart readily available and current?...Yes □ No □

3. Main QC Inspector Name: ________________________
   - TDOT/ACI Level 1 Expiration Date: _______________
   - TDOT Level 2 Expiration Date: _______________
   - ACPA/NPCA/PCI QC Training Expiration Date: _______________

4. Backup QC Inspector Name: ________________________
   - TDOT/ACI Level 1 Expiration Date: _______________
   - TDOT Level 2 Expiration Date: _______________
   - ACPA/NPCA/PCI QC Training Expiration Date: _______________

5. Mix Design Technician Name: ____________________________
   - TDOT/ACI Level 1 Expiration Date: _______________
   - TDOT Level 2 Expiration Date: _______________
   - ACPA/NPCA/PCI QC Training Expiration Date: _______________
   - TDOT Level 3 Expiration Date (if applicable): ___________________________
   - PE License # & Expiration (if applicable): _______________________________

6. Does the plant keep a record of the following tests/inspections performed by QC personnel?
   - Pre-Pour...Yes □ No □
   - During...Yes □ No □
   - Post-Pour...Yes □ No □

7. Are gradations on aggregate being performed at least once per month?...Yes □ No □

Comments: _________________________________________________________________________
1. All lab equipment easily fits in space and is accessible: Yes □ No □

   Scoop: □

   4"x8" cylinder molds: □

   Sample reduction equipment: □

   Square blade shovel: □

   Slump cone with base: □

   Pan: □

   Tamping rod: □

   Thermometers: □

   Air meter with case: □

   Wheelbarrow: □

2. Space is floored, roofed, sealed inside, weather-tight, and furnished with electricity: Yes □ No □

3. Laboratory equipped with heat source capable of maintaining a temperature of 230°F +/- 9°F? Yes □ No □

   a. Oven: □

   b. Stovetop: □

   c. Hot Plate: □

4. Appropriate lights, electrical outlets, and HVAC is provided for tests being performed: Yes □ No □

5. Scales (2 kg capacity, 0.2% sensitivity, 0.5% accuracy) available: Yes □ No □

6. Scales (100 lbs capacity, 0.2% sensitivity, 0.5% accuracy) available: Yes □ No □

7. Appropriate size and mesh screens are available to perform gradations: Yes □ No □

<table>
<thead>
<tr>
<th>Coarse Series</th>
<th>Fine Series</th>
</tr>
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<tbody>
<tr>
<td>2&quot;</td>
<td>3/8&quot;</td>
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<tr>
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<tr>
<td>1&quot;</td>
<td>#8</td>
</tr>
<tr>
<td>¾&quot;</td>
<td>#16</td>
</tr>
<tr>
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<td>#30</td>
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<tr>
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<td>#50</td>
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<tr>
<td>#4</td>
<td>#100</td>
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<tr>
<td>#8</td>
<td>#200</td>
</tr>
<tr>
<td>Tray</td>
<td>Pan</td>
</tr>
</tbody>
</table>

8. Mechanical shaker (Coarse Aggregate): Yes □ No □

9. Mechanical shaker (Fine Aggregate): Yes □ No □

10. Adequate and suitable water supply is available to perform wash tests in accordance with AASHTO T-11, if necessary: Yes □ No □

Comments: __________________________________________________________________________
### Testing Equipment

1. Is facility certifying products for acceptance?  
   ![Yes □](yes_icon.png) ![No □](no_icon.png)

2. If yes, has the following equipment been calibrated within the last 12 months?
   a. Compression Machine  
      ![Yes □](yes_icon.png) ![No □](no_icon.png)  
      i. Date Calibrated: ______________
   b. Three-Edge Bearing  
      ![Yes □](yes_icon.png) ![No □](no_icon.png)  
      i. Date Calibrated: ______________

Comments: _________________________________________________________________________  
_________________________________________________________________________

### Concrete Batching/Central Mixing Plant

1. If facility batches its own concrete,
   a. Have the scales, weighing devices, and/or metering devices been calibrated within the last 6 months?  
      ![Yes □](yes_icon.png) ![No □](no_icon.png)  
      i. Date(s) Calibrated: ______________
   b. Chemical admixture dispensers calibrated within the last 12 months?  
      ![Yes □](yes_icon.png) ![No □](no_icon.png)  
      i. Date Calibrated: ______________
   c. If using aggregate moisture probes, is accuracy verified with AASTHO T-255 weekly?  
      ![Yes □](yes_icon.png) ![No □](no_icon.png)

   d. Stockpile maintenance
      - Labeled: ![Yes □](yes_icon.png) ![No □](no_icon.png)
      - Overflowing: ![Yes □](yes_icon.png) ![No □](no_icon.png)
      - Partitions: ![Yes □](yes_icon.png) ![No □](no_icon.png)
      - Coned: ![Yes □](yes_icon.png) ![No □](no_icon.png)
      - Segregated: ![Yes □](yes_icon.png) ![No □](no_icon.png)
      - Blending: ![Yes □](yes_icon.png) ![No □](no_icon.png)

2. If using concrete from RM plant, expiration date of NRMCA certification: ______________

Comments: _________________________________________________________________________  
_________________________________________________________________________
1. Are the following acceptance tests being performed at minimum frequencies listed in SOP 5-3?
   a. Compressive Strength
       - Yes □
       - No □
   b. Absorption
       - Yes □
       - No □
   c. D-Load
       - Yes □
       - No □
   d. Ultimate Load
       - Yes □
       - No □

2. Are daily reports documenting type/quantity of product made each day available?
   - Yes □
   - No □
   a. Do daily reports contain all acceptance test results?
      - Yes □
      - No □
   b. Do daily reports contain inspection of dimensional tolerances?
      - Yes □
      - No □

3. Are acceptable products marked by stamp, etch, or label?
   - Yes □
   - No □

<table>
<thead>
<tr>
<th>Precast</th>
<th>Pipe</th>
</tr>
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<tbody>
<tr>
<td>Date of Manufacture</td>
<td>Date of Manufacture</td>
</tr>
<tr>
<td>AASHTO/ASTM Designation/Class</td>
<td>Diameter</td>
</tr>
<tr>
<td>TDOT Standard Drawing #</td>
<td>AASHTO/ASTM Designation/Class</td>
</tr>
<tr>
<td>Approved Alternate Drawing #</td>
<td>Plant's Unique Stamp</td>
</tr>
<tr>
<td>Project/Contract #</td>
<td>NPCA/ACPA/PCI Stamp</td>
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<td>NPCA/ACPA/PCI Stamp</td>
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Comments: _________________________________________________________________________
_______________________________________________________________________________

5
Date ________  Time ________

Producer ___________________ Location ___________________ Region ________

Plant Representative _____________  Plant Manager __________________________

Plant Address ________________________________

Phone/Email ________________________________

Regional M&T Inspector _________________  HQ M&T Inspector __________________

<table>
<thead>
<tr>
<th>Discussion of Findings</th>
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</thead>
</table>

Discuss summary of findings with plant representative.

1.

2.

3.

4.

5.

6.

7.

8.

9.

10.

TDOT Auditor Signature ____________________________________________

Plant Representative Signature ____________________________________