

**INSPECTION OF PROCESS CONTROL
CONCRETE PLANT OR BRIDGE DECK POUR**

Date:	
Producer:	
Plant:	
Region:	
HQ M&T Inspector:	
Regional M&T Representative:	
Plant Representative:	
For Deck Pours:	
Contract:	
Contractor:	
Project Manager:	
Engineer:	
Regional Inspector:	
Additional Remarks (<i>major deficiencies, scheduled follow-up visits, etc.</i>):	

CONCRETE PLANT QUALITY CONTROL INSPECTION CHECKLIST

INSPECTION ITEM	YES	NO	COMMENTS
Is the process control plan posted in plain view at the plant?			
Does the Process Control include all TDOT or ACI qualified Concrete Class 2 or higher technicians employed by the concrete supplier that may be responsible for any concrete testing, plant operations or any changes involving concrete mixing?			
Is a copy of the Concrete Class 2 or Class 3 certification for these personnel posted on the wall or available upon request?			
Does the concrete producer have an approved concrete design for the type of concrete being produced?			
Are gradations on fine and coarse aggregate being run according to the recommended (weekly or minimum 500 C.Y. for bridge decks & other) (1,500 C.Y. for roadway paving), including fineness modulus tests and recorded in the files at the concrete plant location?			
Are weight checks of aggregate, cement, fly-ash, water, and admixtures being recorded and placed in the files?			
Are moisture checks and calculations being made on stockpiles before any batching of concrete? These checks can be made by the use of moisture probes or other. At least, one (1) check shall be made in the AM and one (1) in the PM. Are the checks being made and is this information being recorded?			
Have scale checks been made on the aggregate and cement scales with a TDOT representative present? Have the scale checks been recorded and posted at the plant?			
Are the aggregate stockpiles being kept cool on hot days and warm on cold days by some approved method?			
Is there a qualified technician at the plant to do QC testing as concrete is being batched?			
Are calculated corrections recorded for adjustments made when water is withheld or added on the delivery ticket? (ice should also be shown in adjustments)			
Do all the batch tickets reflect the adjustments to the concrete mixture at the plant such as added water, ice, admixtures and etc?			
Is the initial slump, air, and temperature tests being performed from the first concrete delivery truck for a particular pour and is this information being recorded?			
Is the plant keeping records of any and all adjustments made to the concrete at the plant such as adding ice?			
Is a list posted at the plant of approved concrete trucks? (The list shall be in a conspicuous location and kept up-dated for accuracy). (A copy of this list shall be sent to Regional M & T every 6 months).			
Has TDOT M & T checked the concrete lab this year and is the completed plant check posted in a conspicuous place that indicates the plant meets the specifications meets all lab requirements and is an approved concrete supplier?			
Does the concrete supplier keep a record of all tests and inspections performed at the plant by QC personnel?			

