

Company Wide Best Practice

QC Task Board

Description

This tool was created to improve quality, communication, and collaboration in our workplace. It helps us monitor our schedule.

Project Initiation

There are many regular Quality task and TxDot task, so a board was create based on TXDOT 7305, Table 1 to Keep us on track and have a visual update of our Testing program.

Project Benefits

It helps us check performance in a transparent and engaging way. Also keeps us updated on our daily tasks.



Daily tasks for concrete product	Monday	Tuesday	Wednesday	Thursday	Friday
Wet cast standard items and inverts					
Make concrete cylinders ASTM C 497					
Test compressive strength (cylinders) ASTM C 39					
Record Ambient and concrete temperature ASTM C 1064					
Slump test ASTM C 143 or VSI ASTM C 1611					
Pre and post pour inspection and Labeling					
Check cylinder tanks (Water and temperature)					
Submit post pour inspection report					
Submit pre pour inspection report					
Sand Moisture Content ASTM C566, TEX-409-A or TEX-425-A					
Rock Moisture Content ASTM C566 or TEX-409-A					
Strip cylinders					
Wet cast					
Make concrete cylinders ASTM C 497					
Slump test ASTM C 143 or VSI ASTM C 1611					
Review Batch tickets					
Pre and Post pour inspections and Labeling					
Sand Moisture Content ASTM C566, TEX-409-A or TEX-425-A					
Rock Moisture Content ASTM C566 or TEX-409-A					

Six months	
Aggregates scales calibration	
Sand&Rock specific gravity and absorption TEX-403-A	
Sand&Rock - Unit weight TEX 404-A	
QC Lab scales calibration	

Six months for SCC Only	
T-50 ASTM C1611	
J- Ring ASTM C1621	
Segregation column ASTM C1610	
Bleeding ASTM C232	
Initial time set ASTM C403	

Weekly tasks	Date
GENERAL	
Dry cast cylinders, sample and test	
Moisture probe verification	
Yard inspection	
Biweekly task	
Sand sieve analysis TEX 203-F	
Sand fineness modulus TEX 402- A	
Sand equivalent TEX 203-F	
Rock sieve analysis TEX-401-A	
Rock decantation TEX 406-A	
Monthly task	
Concrete unit weights ASTM C 138	
Concrete air content ASTM C 231	

Note