

Technician Certification Program (TCP)



Photo by Jeff Saddler



- Renewals Regionally
- Added Classroom Exercises for *All* Calculations
- Adding Hands on Time Limit
- Updating our State Statute
- Now Have 5 Year Cycle

Renewals on the Road

- Renewals conducted regionally.
- Locations included:
 - St. Louis (Chesterfield)
 - Kansas City (Lee's Summit)
 - Poplar Bluff
 - Springfield



Renewals on the Road

- Main reason for change - Travel Cost savings
- Only Renewals – No “First Time” classes
 - Limited subjects
- More \$ per certification
 - \$275 away
 - \$250 home
 - Travel savings more than offset cost
 - Limited number of classes to ensure full participation.

Renewals on the Road

- Used same proctors home and away
 - LSTC
- **Success !!**
 - will continue in years to come.





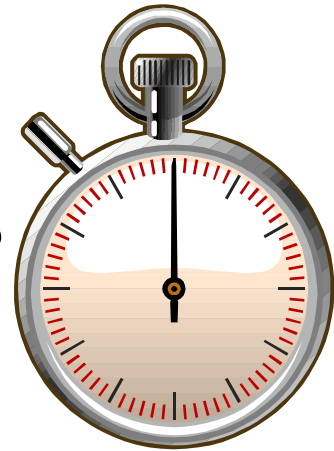
Added Classroom Exercises for All Calculations

- In order to help with some math deficiencies we added classroom exercises for all calculations. We also added more calculation problems to the tests.
 - As a side note we notice that the biggest problems with math are recognizing/using different expressions and order of operation.



Added Time Limit to Hands on Portion

- Only applies to select renewals
- Reasons –
 - Began conducting two renewals per day
 - Students weren't completing in a timely fashion
 - Gives more validity to certification



Added Time Limit to Hands on Portion

- A four (4) hour time limit has been placed on selected renewals.
- The written exams have always had a two (2) hour time limit.
- The overall time limit of four (4) hours includes:
 - orientation
 - written examination
 - hands on proficiencies
 - proficiency calculations.



Added Time Limit to Hands on Portion



- Not completing all aspects will constitute a failure.
- If test is completed successfully, it is not repeated.
 - Upon a second attempt the subject will have 2.5 hours to complete all proficiencies and associated calculations.

Added Time Limit to Hands on Portion

- Initial failure rate was high, however, it has settled in slightly over 5%, with time failures at around 1% constantly declining. (Overall program failure rate was previously less than 1%)
- Subjects come to certification more prepared.



Will, that way looks questionable to me.

I'll get him.

Follow me, I know the way!

Status Reports

- Status report sent to each company
- Included
 - Letter highlighting changes to the program
 - Listing of company's employee(s) who are currently certified
 - Individual techs certification(s) with expiration date



Technician Certification Program Status Report

Missouri Department of Transportation
93 Morgan St.

Key

Aggregate Technician - AT	Superpave QC/QA - SP
Plasticity Index - PI	HMA Aggregate - HAT
Bituminous Technician - BT	Tensile Strength Ratio - TSR
Soil Density - SD	Aggregate Specific Gravity - ASG
Concrete Field - CF	T 85 Absorption - ABS
Concrete Strength - CS	Low Slump - LS
Profilograph - Pro	Registered Intern - RI

Camdenton MO 65020

Last Name	First Name	AT	PI	BT	SD	CF	CS	Pro	SP	TSR	HAT	ASG	ABS	LS	RI
Boettcher	Donald	11/30/2009		11/30/2009	11/30/2009	11/30/2009	11/30/2009								
Cottriss	Richard	11/30/2009	11/30/2009	11/30/2009	11/30/2009	5/31/2011	4/30/2011								
Dake	Brad				5/31/2014	3/31/2014	3/31/2014								
Ellis	Todd	1/31/2010	2/28/2010	12/31/2009		2/28/2010	2/28/2010								
Inman	Barbara	2/28/2014		2/28/2014					12/31/2013				2/28/2010		
Jones	Douglas				3/31/2014	3/31/2014	3/31/2014								
Kimcaid	Joshua								12/31/2009						
Martin	Joseph					5/31/2011		5/31/2011							
Mensah	Michael				3/31/2011	3/31/2011	3/31/2011								
Powers	Thomas				2/28/2014	3/31/2014	3/31/2014	5/31/2014							
Prosser	Richard				3/31/2011	3/31/2011	3/31/2011								
Simmons	Ricky					3/1/2011	4/30/2011	4/30/2011							
Snelling	Scott				3/31/2011	3/31/2011	4/30/2011	5/31/2011							
Stewart	William					3/1/2011	4/30/2011	4/30/2011	5/31/2014	12/31/2009					
Tan	Ryanthom	4/30/2011	3/31/2011	3/31/2011	3/31/2011	3/1/2011	4/30/2011								
Thompson	Phillip	11/30/2009		11/30/2009	11/30/2009	11/30/2009	11/30/2009	4/30/2010	12/31/2009						



Updating our State Statute

- This was needed to reflect changes made to program.
- Lengthy process.
- Worth the effort.



Now Have Five Year Cycle

- Cost saving measure.
- Began System based IAS, which helps ensure proper testing.
- Better matches surrounding states making reciprocity more manageable.



Information

- Course Calendar, Locations, Certification Levels, Specific Tests, Policy located on the web.
 - www.modot.mo.gov
 - Contractor Resources
 - Technician Certification Program
 - Tech Cert

Information

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Now, How do we get down?!

Photo by Jeff Saddler



Questions?