North Carolina Department of Transportation QMS Level I Plant Technician On-the-Job Training (OJT) Program

Name:			S. S. N			
	(First)	(Middle)	(Last)			
Classifica	ation/Position			Division (NCDOT)		
Company	y (non-DOT):_					

TRAINING SUMMARY (MINIMUM OF 10 DAYS REQUIRED)

Exception: In lieu of the 10-day minimum training and the minimum requirements in Parts II, III and IV, a current asphalt plant mix testing certification from another State or other approved testing agency, such as NICET, may be substituted. In this case, a copy of the certification shall be attached to the back of this sheet. In addition, the OJT technician must perform one repetition of all requirements in Parts II, III, and IV in the presence of a certified plant technician prior to the checkoff by a final review technician. All other requirements of this OJT checklist shall be completed as specified

Date	Lab Location	Certified Technician Monitoring Training	Certification Number	Signature

TRAINING SUMMARY (MINIMUM OF 20 DAYS REQUIRED)

(Continued)

	Lab	Certified Technician	Certification	0
Date	Location	Monitoring Training	Number	Signature
	1			

Name:

Part I: Review of Current Standard Specifications, Project Special Provisions and Current HMA/QMS Manual

Subject	Min. No. Rep's	Certified QM	For Final Review Tech Use Only			
	Req'd	REVIEW 1	REVIEW 2	REVIEW 3	REVIEW 4	,
QMS Specifications (609)	4					
QMS Specifications (610)	4					
HMA/QMS Manual	4					
QMS Personnel Requirements	4					
Mix Design	4					
Job Mix Formula Requirements	4					
QMS Plant Requirements	4					
Mix Verification Requirements	4					
Required Sampling Frequency	4					
Sample Numbering Procedures	4					
Sampling Locations	4					
Mix Sampling	4					
Aggregate Sampling	4					
Material Quartering	4					
Testing Procedures	4					
Significant Decimals	4					
QC/QA Lab Requirements	4					
Corrective Actions	4					
Density Requirements	4					

Certified QMS Technician must initial and date when each subject is reviewed.

Final Review will be performed after completion of Parts I, II, III, IV

by a person from the <u>Approved List of Final Review Technicians</u>.

No other Technicians are acceptable for the Final Review.

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Part II : Required Sampling and Testing	Section 7 of the most	t current HMA/OMS Manual
I and II. Required Sumpting and Testing	Section 7 of the most	

Sample / Test	Min. No. Rep's	С	Certified QMS Plant Technician Initials and Dates for Each Repetition *										For Final Review Tech Use	
	Req'd	1	2	3	4	5	6	7	8	9	10	11	12	Only
Sampling Mix	12													
Sampling Aggregates	12													
Quartering Mix	12													
Quartering Aggregates	12													
Bag and Tag Samples	12													
**Binder Content	12													
Washed Gradation	12													
Gyratory Test	12													
Maximum Spec. Grav.	12													
TSR Test	2													
Moisture Content	6													
Core Sample Density	12													
Cold Feed Calibration	6													

Certified QMS Technician must initial and date when each subject is reviewed.

Final Review will be performed after completion of Parts I, II, III, IV

by a person from the <u>Approved List of Final Review Technicians</u>.

No other Technicians are acceptable for the Final Review.

* Exception: Technicians with other approved certifications required to perform a minimum of 1 of each test before final review

**Note here which Binder Content Test applicant was Trained in_

If Extraction Test, Ash Correction Test must also be Included in training.

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Name:

Calculation	Min. No. Rep's	С	Certified QMS Plant Technician Initials and Dates for Each Repetition *									For Final Review Tech Use		
	Req'd	1	2	3	4	5	6	7	8	9	10	11	12	Only
Random Sample Tonnage	12													
VTM	12													
VMA	12													
VFA	12													
Effective Specific Gravity (Gse)	12													
P0.075 / Pb eff Ratio	12													
Percent Gmm @ N ini	12													
Percent Gmm @ N max	2													
Ignition Furnace Calibration Factor	2													
**TSR Calculations	2													

Certified QMS Technician must initial and date when each subject is reviewed. Final Review will be performed after completion of Parts I, II, III, IV

by a person from the <u>Approved List of Final Review Technicians</u>.

No other Technicians are acceptable for the Final Review.

* Exception: Technicians with other approved certifications required to perform a minimum of 1 of each calculation before final review

** Calculations performed in addition to calculations in Part II

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Name:

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Forms	Min. No	Min. No. Reps.		Certified QMS Plant Technician Initials and Dates for Each Repetition *											For Final Review
	QA	QC	1	2	3	4	5	6	7	8	9	10	11	12	Tech Use
QA-1	6	**													
QA-2	2	**													
QA-3	12	**													
QA-4	2	**													
QA-5	12	**													
QC-1	**	6													
QC-2	2	2									1				
QC-3	**	6													
QC-4	2	12													
QC-5 (Revised)	**	12													
QC-6	2	12													
QC-7	**	12													
QC-8	12	12													
QC-9	12	12													
QC-11	**	2													
QA/QC-1	12	12													
QA/QC-1A	2	2									1				
QA/QC-5	12	12													
QA/QC-6	12	12													
M&T 612 (TSR)	2	2						1		1					

Part IV: Required Forms Section 11 of the most current HMA/QMS Manual

Certified QMS Technician must initial and date when each subject is reviewed. Final Review will be performed after completion of Parts I, II, III, IV by a person from the <u>Approved List of Final Review Technicians</u>. **No other Technicians are acceptable for the Final Review**.

* Exception: Technicians with other approved certifications required to complete a minimum of 1 of each form before final review **Technician does not have to complete this form. Needs to review and be knowledgeable of the completed form.

North Carolina Department of Transportation QMS Level I Plant Technician On-the-Job (OJT) Training

Part V: Final Review (<u>ONLY</u> to be Completed by Technicians from Approved List)

	Date Review Completed	Initials of Cert. Tech.	Certification No.
PART I			
PART II			
PART III			
PART IV			

Name:

(First)

(Middle Initial)

_____ S.S.N.:____

I certify that the above-named person has satisfactorily completed all listed requirements on this checklist. This was done either under my direct supervision or under the supervision of another certified QMS Superpave Technician. I further certify that I have completed the Final Review, and the above-named person is knowledgeable of the HMA/QMS Specifications and the latest HMA/QMS Superpave Manual and can adequately perform these tests, calculations, and perform all Duties required of a Level I Plant Technician.

Printed Name of Approved Certified Technician

SS Number

QMS Certification No.

Signature of Approved Certified Technician

Note: For the individual to be eligible to attend the QMS Roadway Technician Class and take the certification exam the QMS Roadway Technician On-The-Job Training (OJT) Program Checklist needs to be completed (or other state certification or certificate verifying minimum of 1 years' experience) and Introduction to Asphalt class is needed from Stanley Community College.

Note: Completed QMS Roadway Technician On-The-Job Training form can be brought to scheduled class by registrant or after class has been held form can be mailed to ext-<u>shwilliams3@ncdot.gov, ext-clreynolds@ncdot.gov</u>, <u>ext-lcalvarado@ncdot.gov</u>, or <u>jcsawyer@ncdot.gov</u>.

Date

(Last)