



Wisconsin Department of Transportation

CONSTRUCTION MATERIALS ACCEPTANCE AND DOCUMENTATION



Materials Tracking System (MTS)

- ❑ MTS is a computerized filing and reporting system for WisDOT construction materials tests and documents
- ❑ All construction materials tested and inspected for WisDOT projects are reported on the MTS including Quality Verification (QV) tests



Materials Reporting System (MRS)

- Part of MTS used by the contractors to report their Quality Control (QC) results in Hot-Mix Asphalt – Nuclear Density Testing , IRI and Portland Cement Concrete Pavement and Structures information



<http://www.atwoodsystems.com/resources/>



Materials Information Tracking

MIT collects data on a wide range of materials in an AASHTO and ASTM for QA, QC, IA and Verification requirements. Also, collect Tester and Sampler certification information.

[Watch Tutorial ▶](#)



MTS Test Prefix

Number	Description	Number	Description
101	Steel bars for concrete reinforcement	177	Corrugated polyethylene drainage pipe
103	Steel wire and mesh for concrete reinforcement	180	Concrete brick, block, and pipe
105	Steel plate beam guard	217	Aggregates
106	Uncoated steel strands for prestressed concrete	225	Aggregate quality
112	Steel sheets for culverts	230	Soils
115	High strength bolts, nuts, and washers	232	Soils nuclear density
120	Chain link fence fabric	250	Asphalt mix design
121	Rolled formed sections for chain link fence	254	Asphaltic mix verification
122	Pipe for chain link fence	257	Asphalt mix testing
123	Tension wire for chain link fence	259	Asphalt mix field changes
126	Woven wire fence fabric	262	Asphaltic pavement nuclear density
127	Barbed wire- 2 strands	310	Glass beads
128	Smooth wire for woven fence fabric	321	Pavement marking paint- white, water based
130	Concrete cylinders	330	Performance graded binder
131	Water for concrete	332	Emulsified asphalt
140	Concrete curing compound	334	Asphalt cement
150	Portland cement	801	Aggregate gradation
151	Ground granulated blast furnace slag	802	Portland cement concrete mixtures
152	Fly ash	803	Asphaltic pavement density testing
155	Miscellaneous materials	804	Asphaltic concrete mixtures
162	Fine & coarse aggregates for concrete	805	IAP soils nuclear density
170	Geotextiles	900	Reference report
172	Geogrid		



CONTRACTOR PROJECT MATERIALS COORDINATOR

- ❖ Standard specification (106.1):

Designate one person, either a member of the contractor's own organization or acting as an agent for the contractor, who will submit all contractor generated materials information required under the contract to a person the engineer designates.



WisDOT PROJECT MATERIALS COORDINATOR

- ❑ WisDOT also designates a dedicated materials person to be direct contact with the contractor designated materials person
- ❑ The Construction and Materials Manual(CMM) 8-10.1.2 provides additional guidance for the CDMP



Defining acceptance and documentation

- ❑ **Standard Specifications**
- ❑ **Plan notes and details**
- ❑ **Contract Special Provisions**
 - **SPV Items**
 - **Part B of each special provision defines and lists materials requirements**



CMM 8-45 Materials testing and acceptance

□ 8-45.2 ACCEPTANCE TYPES

- Central Laboratory Verified Tests
- Approved Products, Manufacturers, and Suppliers Lists
 - ✓ Includes product acceptance programs, e.g. Portland Cement, Asphalt Binder, Secondary Bridge Metal items, Prestressed Concrete items
- Shop or Source Inspection
- Field Sampling and Testing
- Manufacturer's Certification of Compliance
- Certified Report of Test or Analysis



Tools for defining acceptance and documentation

- ❑ **Construction Materials Manual (CMM)**
 - **CMM 8-45 Materials Testing and Acceptance**
 - **CMM 8-50 Materials Testing and Acceptance Guide**
- ❑ **E-Guide- Web based project specific materials sampling and testing guide**



Materials item(QMP) Documentation

Materials Tracking System(MTS/MIT) Prefix 155 QMP Structures Summary

Test Number: 105-3.130-155-3-2014 Page 1 of 1
Materials Laboratory Testing System Tests On: Bloom Companies, LLC
 Miscellaneous Materials Madison Office
 Type: V - VERIFICATION 5801 Research BLVD
 System: English Madison, WI 53719

Main Project ID: 1206-07-77 **Prime Vendor:** ZENITH TECH., INC. - WAUKESHA
 S MADISON BELTLINE 7630.00
 RAYMOND ROAD TO SEMINOLE HIGHWAY PHASE 1
Units Represented: TON(S)
 Material: E-10 HMA MIX QMP SUMMARY REPORT 1 **Item Number:** 460.1110

Date Sampled: 01/23/14 **Date Received:** **Date Tested:** 01/23/14
 By: J.V.WHITE By: PAUL WATRY By: Joseph White / 100200

Passed:

QMP HMA Mixture Summary Report

HMA Pavement Type	Plan Quantity	Final Quantity
E-10	16231 Tons	7630 tons paid to date

QC Plan not required

HMA Supplier: Payne and Dolan

HMA Mix Layer & Type	Plant Loc.	Contr Mix#	Dept Mix Design #
Upper 12.5 mm	Fitchburg	503511	250-0124-2011
Upper 12.5 mm	Vienna	899112	250-0041-2013
Lower 19.0 mm	Fitchburg	502511	250-0094-2011

Monitoring QC Sampling/Testing

Qualified Laboratory - Name & Location: C-5 Fitchburg Lab, 6145 Cottonwood Trail, Fitchburg WI 53719;

C-6 Vienna Lab, 5416 Easy St. Waunakee, WI 53597

All personnel certified through HTCP? Yes

Issued: 01/23/14

Certified Report of Test or Analysis

 Steel Dynamics, Inc. 2801 S. County Road 700 East Columbia City, IN 46725-8044 (260) 625-8100		Date: 12/22/2003 Customer No: 000118 Bill of Lading: MTR	Ship to: R.W. Conklin Steel Supply, Inc. 2235 Conner Creek Drive	Bill to: R.W. CONKLIN STEEL SUPPLY, INC. 2235 Conner Creek Drive														
Certified Mill Test Report 100% Melted and Manufactured in USA		1- Name of Manufacturer or supplier																
2- Name and use of product		3- Statement of specification																
Item	Bundle	Section	Length	Pcs	Heat #	Grade(s)	Specification(s)	Customer P.O.										
1	020149845	HP12X53	68' 0"	4	B005403	A572 gr50	ASTM A572 - 01	31106-1SDI										
2	020149846	HP12X53	68' 0"	4	B005403	A572 gr50	ASTM A572 - 01	31106-1SDI										
3a	020149873	HP12X53	68' 0"	2	B005401	A572 gr50	ASTM A572 - 01	31106-1SDI										
3b	020149873	HP12X53	68' 0"	2	B005403	A572 gr50	ASTM A572 - 01	31106-1SDI										
CHEMICAL																		
Item	C	Mn	P	S	Si	Cu	V	Cr	Ni	Mo	Sn	N	B	Cb	C1	C2	PC	Analysis
1	.06	1.06	.021	.037	.24	.43	.036	.09	.09	.030								HEAT
2	.06	1.06	.021	.037	.24	.43	.036	.09	.09	.030								HEAT
3a	.07	1.11	.021	.032	.22	.51	.037	.09	.09	.028								HEAT
3b	.06	1.06	.016	.027	.26													HEAT
MECHANICAL																		
Tension Testing Results																		
Item	Test	Yield (Fy) Strength ksi/MPa	Tensile (Fu) Strength ksi/MPa	Fy/Fu	Elong (%) based on 8" gauge	ROA (%)	Bend Test Result	Temp F/C	Sample 1 ft. lb/joules	Sample 2 ft. lb/joules	Sample 3 ft. lb/joules	% Shear	ASTM Grain Size No (per ASTM E112)					
1	1	62	78	.82	28													
1	2	55	70	.79	27													
2	1	62	76	.82	28													
2	2	55	70	.79	27													
3a	1	53	68	.78	25													
3a	2	61	75	.81	29													
3b	1	59	74	.80	28													
3b	2	53	68	.78	28													
4- Lot, batch, Heat numbers etc.																		
5- Tests results, physical and chemical as applicable																		
6- Signature and title of person in responsible charge of the testing facility (Certifies to the results)																		
I hereby certify that the contents of this report are accurate and correct. All tests and operations performed by this material manufacturer are in compliance with the requirements of the material specifications and applicable purchaser designated.																		
Signed:  Quality Assurance																		
State of Indiana, County of Whitley Sworn to and subscribed before me this _____ day of _____ Signed: _____ My commission expires: _____																		
Special Comments/Information: USNALLY SEEN AS ASTM 709 Pen Test with Joe White O.H. TO USE. 9-7-04																		

09/05/2004 07:43 FAX 715 284 9148

LINDA CONST.

© 2012

Certification of Compliance

Highway Safety Solutions
Date: 16 December 2004

Tiger STIP AT Ribes

CERTIFICATE OF COMPLIANCE

WE HERBY CERTIFY THAT THE MATERIAL FURNISHED, AS INDICATED HEREIN, COMPLIES WITH THE REQUIREMENTS OF THE SPECIFICATIONS LISTED BELOW:

MATERIAL: Object Marker Decal, Retroreflective Sheeting w/Black Graphics-Hi-Intensity, High Tack

PRODUCT NUMBER	COLOR	QUANTITY	SIZE
600	Y		
631	W		

PURCHASE ORDER: 3091

SPECIFICATIONS: ASTM 4956-01 Type III Class 4
All Materials Made Meet Specifications Requested

561E SOUTH ELMIRA, SPRINGFIELD, MO 65810 * TEL: (417)886-5344 * FAX (417)886-5344

2- Name and use of product

1-Name of Manufacturer or supplier

3- Statement of specification

4- What is missing?

Certification review & annotation

Certifications must be evaluated promptly for adequacy, completeness, and compliance with applicable specifications.

The certification reviewer will make appropriate notations, initial, and date the document at the time the review is completed.

Certification review & annotation

- *Does the document contain the all the correct elements ?*
 - *Check for correct ASTM , AASHTO or other specification conformance*
 - *Is the specification designation cited on the document correct ?*
 - *On Certified Reports of Test compare the values cited on the document with the specification values.*
 - *Specification values are often found in the Standard Specifications- look there first*
 - *Specification values may be cited in the STSP or SPV of the contract proposal. Citations may also be found on shop drawing or plan details and notes.*
 - *Contact the Region Materials Unit if you have questions- they may be able to provide you a copy of an ASTM or AASHTO specification*

•The Goal is have all relevant documents submitted and reviewed before the material is installed.

MATERIALS Item documentation

□ Sample MTS Prefix 900

Test Number: 105-3.668 - 900 - 0002 - 2013	Labsite:
Materials Laboratory Testing System Tests On: Reference Report	Bloom Companies, LLC Madison Office 5801 Research BLVD Madison, WI 53719
Main Project ID: 1390-04-96 STH 26 - HARTFORD STH 60 RELOCATION STH 60	
Date Entered: 05/30/2013 By: WILLIAM NIEMI	

Region: SW **Material:** EXTERNAL REFERENCE

Remarks:

<u>Doc ID</u>	<u>Material Description</u>	<u>Doc Type</u>	<u>Quantity</u>	<u>Satisfactory</u>	<u>Comments</u>
312.0110	Select Crushed Material	Wisdot Test		Y	Linck #24 (Koplin) 0-225-0085-2012
502.0100a	Fine Aggregate for Concrete	Wisdot Test		Y	Carew Concrete -Beaver Dam WI Carew-Eden (Waucousta) 0-162-0011-2011

Test report (Summary) record

□ 8-45.6 MATERIALS TEST RECORD

- The test report record is a summary of all major testing and materials inspection accomplished on a project. The Materials Testing and Acceptance Guide enumerates those items that are to be included in the report. The test report record is to be kept for all contracts let to bid or entered into with the counties.



Test report (Summary) record

□ 8-45.6 MATERIALS TEST RECORD

➤ A draft of the test report record is to be compiled and kept current during the progress of a project for the following purposes:

- ✓ - It will serve as a documentation that all materials have been and are being adequately tested and inspected.
- ✓ - Concerned personnel will be able to review project materials control quickly and easily.
- ✓ - If the engineer is reassigned elsewhere on another contract, that person's successor will have adequate records available.
- ✓ - It will make possible the prompt submittal of the report in its final form after completion of the project



Test report (Summary) record

- Summary from Atwood Systems Information Browser

Project Summary Report Page 1 of 4

Materials Verified Reports - Project Summary  [Print](#)

Project: MADISON - PORTAGE 1010-04-72

Test Number	Test Description
0 - 101 - 0255 - 2010	Steel bars for concrete reinforcement
0 - 130 - 0044 - 2010	Concrete Cylinders
0 - 130 - 0045 - 2010	Concrete Cylinders
0 - 130 - 0046 - 2010	Concrete Cylinders
0 - 130 - 0050 - 2010	Concrete Cylinders
0 - 130 - 0051 - 2010	Concrete Cylinders
0 - 130 - 0052 - 2010	Concrete Cylinders
0 - 130 - 0055 - 2010	Concrete Cylinders
0 - 130 - 0058 - 2010	Concrete Cylinders
0 - 130 - 0059 - 2010	Concrete Cylinders
0 - 130 - 0061 - 2010	Concrete Cylinders
0 - 130 - 0062 - 2010	Concrete Cylinders
0 - 130 - 0063 - 2010	Concrete Cylinders
0 - 130 - 0071 - 2010	Concrete Cylinders
0 - 130 - 0072 - 2010	Concrete Cylinders
0 - 130 - 0073 - 2010	Concrete Cylinders
0 - 130 - 0081 - 2010	Concrete Cylinders
0 - 130 - 0082 - 2010	Concrete Cylinders
0 - 130 - 0085 - 2010	Concrete Cylinders
0 - 130 - 0089 - 2010	Concrete Cylinders
0 - 130 - 0090 - 2010	Concrete Cylinders
0 - 130 - 0093 - 2010	Concrete Cylinders
0 - 130 - 0094 - 2010	Concrete Cylinders
0 - 130 - 0095 - 2010	Concrete Cylinders
0 - 130 - 0096 - 2010	Concrete Cylinders
0 - 130 - 0097 - 2010	Concrete Cylinders
0 - 130 - 0098 - 2010	Concrete Cylinders
0 - 130 - 0105 - 2010	Concrete Cylinders
0 - 130 - 0106 - 2010	Concrete Cylinders
0 - 130 - 0107 - 2010	Concrete Cylinders

WisDOT BUSINESS

Test report (Summary) record

□ Test Report Summary from MTS LAN

Project ID	Pass	Test #	Type Description	Type	Material Description	Tested On	Tested By	Verified By
1390-04-79		180-2.574 - 155 - 0002 - 2014	Miscellaneous Materials	V	ANCILLARY QMP - 2012 TR	02/24/14	Mary Gehrke / 10237	MARY GEHRKE
1390-04-79	Y	TWC001.193 - 132 - 0007 - 2013	Concrete Mix Design	DR	READY MIXED CONCRETE	10/30/12	JIM GRENDER	MICHAEL HAMMIT
1390-04-79	Y	TWC001.193 - 132 - 0004 - 2013	Concrete Mix Design	DR	READY MIXED CONCRETE	10/30/12	JIM GRENDER	MICHAEL HAMMIT
1390-04-79	Y	GEI02.650 - 162 - 0016 - 2013	Fine & coarse aggregate fo	QC		05/20/13	ron Garthwaite / 105	JERRY SCHIPPA
1390-04-79	Y	GEI02.650 - 162 - 0013 - 2013	Fine & coarse aggregate fo	QC		05/03/13	ron Garthwaite / 105	JERRY SCHIPPA
1390-04-79	Y	GEI02.650 - 162 - 0007 - 2013	Fine & coarse aggregate fo	QC		04/29/13	erry Schippa / 10475	JERRY SCHIPPA
1390-04-79	Y	GEI02.650 - 162 - 0006 - 2013	Fine & coarse aggregate fo	QC		04/29/13	erry Schippa / 10475	JERRY SCHIPPA
1390-04-79	Y	GEI02.650 - 162 - 0005 - 2013	Fine & coarse aggregate fo	QC		04/22/13	ron Garthwaite / 105	JERRY SCHIPPA
1390-04-79	Y	GEI02.650 - 162 - 0002 - 2013	Fine & coarse aggregate fo	QC		04/17/13	ron Garthwaite / 105	JERRY SCHIPPA
1390-04-79	Y	GEI02.650 - 162 - 0001 - 2013	Fine & coarse aggregate fo	QC		03/28/13	ron Garthwaite / 105	JERRY SCHIPPA
1390-04-79		180-2.574 - 900 - 0001 - 2013	Reference Report			12/11/13	Mary Gehrke / 10237	MARY GEHRKE
1390-04-79	Y	180-2.574 - 262 - 0033 - 2013	Asphaltic Pavement Nucle	V	HMA PAVEMENT TYPE E-1	09/23/13	Tony Vang / 103898	MARY GEHRKE
1390-04-79	Y	180-2.574 - 262 - 0032 - 2013	Asphaltic Pavement Nucle	V	HMA PAVEMENT TYPE E-1	09/23/13	Tony Vang / 103898	MARY GEHRKE
1390-04-79	Y	180-2.574 - 262 - 0031 - 2013	Asphaltic Pavement Nucle	V	HMA PAVEMENT TYPE E-1	09/23/13	Tony Vang / 103898	MARY GEHRKE
1390-04-79	Y	180-2.574 - 262 - 0030 - 2013	Asphaltic Pavement Nucle	V	HMA PAVEMENT TYPE E-1	09/23/13	Tony Vang / 103898	MARY GEHRKE
1390-04-79	Y	180-2.574 - 262 - 0029 - 2013	Asphaltic Pavement Nucle	V	HMA PAVEMENT TYPE E-0	07/31/13	rendan Finn / 10442	MARY GEHRKE
1390-04-79	Y	180-2.574 - 262 - 0028 - 2013	Asphaltic Pavement Nucle	V	HMA PAVEMENT TYPE E-0	07/31/13	rendan Finn / 10442	MARY GEHRKE
1390-04-79	Y	180-2.574 - 262 - 0027 - 2013	Asphaltic Pavement Nucle	V	HMA PAVEMENT TYPE E-0	07/31/13	rendan Finn / 10442	MARY GEHRKE
1390-04-79	Y	180-2.574 - 262 - 0026 - 2013	Asphaltic Pavement Nucle	V	HMA PAVEMENT TYPE E-0	07/31/13	rendan Finn / 10442	MARY GEHRKE
1390-04-79	Y	180-2.574 - 262 - 0025 - 2013	Asphaltic Pavement Nucle	V	HMA PAVEMENT TYPE E-0	07/31/13	rendan Finn / 10442	MARY GEHRKE
1390-04-79	Y	180-2.574 - 262 - 0024 - 2013	Asphaltic Pavement Nucle	V	HMA PAVEMENT TYPE E-0	07/31/13	rendan Finn / 10442	MARY GEHRKE
1390-04-79	Y	180-2.574 - 262 - 0023 - 2013	Asphaltic Pavement Nucle	V	HMA PAVEMENT TYPE E-0	07/31/13	rendan Finn / 10442	MARY GEHRKE
1390-04-79	Y	180-2.574 - 262 - 0022 - 2013	Asphaltic Pavement Nucle	V	HMA PAVEMENT TYPE E-0	07/31/13	rendan Finn / 10442	MARY GEHRKE
1390-04-79	Y	180-2.574 - 262 - 0021 - 2013	Asphaltic Pavement Nucle	V	HMA PAVEMENT TYPE E-0	07/24/13	rendan Finn / 10442	MARY GEHRKE
1390-04-79	Y	180-2.574 - 262 - 0020 - 2013	Asphaltic Pavement Nucle	V	HMA PAVEMENT TYPE E-0	07/24/13	rendan Finn / 10442	MARY GEHRKE
1390-04-79	Y	180-2.574 - 262 - 0019 - 2013	Asphaltic Pavement Nucle	V	HMA PAVEMENT TYPE E-0	07/24/13	rendan Finn / 10442	MARY GEHRKE
1390-04-79	Y	180-2.574 - 262 - 0018 - 2013	Asphaltic Pavement Nucle	V	HMA PAVEMENT TYPE E-0	07/24/13	rendan Finn / 10442	MARY GEHRKE
1390-04-79	Y	180-2.574 - 262 - 0017 - 2013	Asphaltic Pavement Nucle	V	HMA PAVEMENT TYPE E-0	07/24/13	rendan Finn / 10442	MARY GEHRKE
1390-04-79	Y	180-2.574 - 262 - 0016 - 2013	Asphaltic Pavement Nucle	V	HMA PAVEMENT TYPE E-0	07/24/13	rendan Finn / 10442	MARY GEHRKE
1390-04-79	Y	180-2.574 - 262 - 0015 - 2013	Asphaltic Pavement Nucle	V	HMA PAVEMENT TYPE E-3	07/22/13	rendan Finn / 10442	MARY GEHRKE
1390-04-79	Y	180-2.574 - 262 - 0014 - 2013	Asphaltic Pavement Nucle	V	HMA PAVEMENT TYPE E-3	07/22/13	rendan Finn / 10442	MARY GEHRKE
1390-04-79	Y	180-2.574 - 262 - 0013 - 2013	Asphaltic Pavement Nucle	V	HMA PAVEMENT TYPE E-0	07/22/13	rendan Finn / 10442	MARY GEHRKE
1390-04-79	Y	180-2.574 - 262 - 0012 - 2013	Asphaltic Pavement Nucle	V	HMA PAVEMENT TYPE E-0	07/22/13	rendan Finn / 10442	MARY GEHRKE

Region Certification of Materials DT 1310

- **8-45.7 CMM MATERIALS CERTIFICATION**
 - Required for all contracts let to bid or entered into with counties
 - Enter electronically in the MTS/MIT
 - Deviations must be noted on the form or referenced attachment
 - Project Manager approves and signs final document
 - Hard copy in files



Region Certification of Materials DT 1310

Explanation of Deviation ...

Contract: 9999-99-99

Material Description:

Qty Involved:

Units:

Usage:

Usage Location:

Test Results:

Spec Requirements:

Disposition Explanation:

Explanation of Deviation ...

Contract: 20090113001

Material Description:

Qty Involved:

Units:

Usage:

Usage Location:

Test Results:

Spec Requirements:

Disposition Explanation:



Region Certification of Materials DT 1310

□ Example DT 1310 Report

MIT DT 1310 revisions for Lean updates

The new process is supposed to first include a signature from the Project Leader or the WisDOT Project Materials Coordinator, and a signature from the Region Materials Engineer or Materials Specialist, and the Project Manager. Screen shot of existing entry screen below with proposed new signature block on next page.

DT1310 Report

Print Save Edit / View Deviations Close

DT1310 Wisconsin Department of Transportation Certification of Materials Used on Highway Project 02/04/2014

To: Director, Bureau of Technical Services

Contract Id	Federal Project ID	District	County	Highway / Route	Date L
99999	99999	9		0	01/01/14

Contractor

Project Id Project Description

99999 Test Contract

Region Certification of Materials DT 1310

DT1310 Report

DT1310 Wisconsin Department of Transportation 01/30/2015
Certification of Materials Used on Highway Project

To: Director, Bureau of Technical Services

Contract Id	Federal Project ID	Region	County	Highway / Route	Date Let	Proposal #
9999-99-99		SW	Dane			

Contractor

Project Id	Project Description
1234-56-78	Here To There And Back Again
5432-10-89	Road To Perdition, Ush 666
7777-77-77	Pathway To Paradise- The Golden Way Hwy 777
7878-56-56	Pathway To The Back 40
9999-99-99	Test Id

Exceptions Noted No Exceptions Noted

This is to certify that:

The results of the tests on acceptance samples indicate that the materials incorporated in the construction work, and the construction operations controlled by the sampling and testing, were in conformity with the approved plans and specifications; and such results compare favorably with the results of the independent assurance sampling and testing.

Project Leader or WisDOT Project Materials Coordinator (Print):
 Company Name:
 Project Leader or WisDOT Project Materials Coordinator (Signature): _____
 Date Signed: _____
 Regional Materials Engineer or Materials Specialist (Print):
 Regional Materials Engineer or Materials Specialist (Signature): _____
 Date Signed: _____
 Project Manager (Print):
 Project Manager (Signature): _____
 Date Signed: _____



Quiz

The contractor designated materials coordinator should be a knowledgeable person, who:

- a) Is the Mail person
- b) Will submit all contractor generated materials information
- c) Drives a bus
- d) All of the above

Quiz

WisDOT also designates a dedicated materials coordinator to be in direct contact:

- a) With the Mail person
- b) With the contractor designated materials coordinator
- c) With the Bus Driver
- d) All of the above



Quiz

Each special provision (SPV) defines and lists materials requirements in which Part of the specification:

- a) Part A
- b) Part B
- c) Part C
- d) Part D



Quiz

The form DT 1310 requires:

- a) Noting material deviations on the form or referenced attachment
- b) All contracts let to bid or entered into with counties
- c) Project Manager approves and signs final document
- d) All of the above



Quiz

How would you verify that the listed values on the Certified report of test or analysis comply with the specification?

- a) Check the Standard specifications or special provisions
- b) Check the appropriate ASTM or AASHTO specifications
- c) Contact the region materials unit for assistance if needed
- d) All of the above



Quiz

On the Certified report of test or analysis what number should be compared to the field delivered materials?

- a) Lot
- b) Batch
- c) Heat
- d) All of the above



Quiz

Certifications must be evaluated promptly for adequacy, completeness, and compliance with applicable specifications. The certification reviewer will:

- a) Make appropriate notations on the document
- b) Initial the document
- c) Date the document
- d) All of the above

