2025 Regional Meetings
South – Central – North

INDOT Materials and Tests Engineering Group Updates

Jim Reilman, MS, PE, PMP
State Materials Engineer

March 4 - 6, 2025

Updates

- Specification Items
- Indiana Test Method (ITM) Changes
- Directives

Specification Items

- E-ticketing. Incentive of $2.00 per e-ticket delivered to the Departments portal
  - Applies to asphalt, aggregate, or concrete materials
- Reminder that the ledge(s) are required to be shown on aggregate weigh tickets.
- Lightweight Concrete specification (extremely limited use)
  - Expanded clay, shale, or slate.

Specification Items

- 904.03 Classification of Aggregates Chart – Non-durable particle, note 5.

(a) Classification of Aggregates

Characteristic Classes	AP	AS	A	B	C	D	E	F
Quality Requirements:								
Freeze and Thaw Beam Expansion, % max. (Note 1)	.060							
Los Angeles Abrasion, % max. (Note 2)	40.0	30.0	40.0	40.0	45.0	45.0	50.0	
Freeze and Thaw, AASHTO T 103, Procedure A, % max. (Note 3)	12.0	12.0	12.0	12.0	16.0	16.0	20.0	25.0
Sodium Sulfate Soundness, % max. (Note 3)	12.0	12.0	12.0	12.0	16.0	16.0	20.0	25.0
Brine Freeze and Thaw Soundness, % max. (Note 3)	30	30	30	30	40	40	50	60
Absorption, % max. (Note 4)	5.0	5.0	5.0	5.0	5.0			
Additional Requirements:								
Deleterious, % max.								
Clay Lumps and Friable Particles	1.0	1.0	1.0	1.0	2.0	4.0		
Non-Durable (Note 5)	4.0	2.0	4.0	4.0	6.0	8.0		
Coke					(See Note 6)			
Iron					(See Note 6)			
Chert (Note 7)	3.0	3.0	3.0	5.0	8.0	10.0		
Weight per Cubic Foot for Slag, lb, min.	75.0		75.0	75.0	70.0	70.0	70.0	
Crushed Particles, % min. (Note 8)								
Compacted Aggregates			20.0	20.0	20.0	20.0		

Notes:
1. Freeze and thaw beam expansion shall be tested and re-tested in accordance with ITM 210.

- No changes, editorially revised for clarity

Specification Items

2. Los Angeles abrasion requirements shall not apply to BF.

3. Aggregates may, at the option of the Engineer, be accepted by the Sodium Sulfate Soundness or Brine Freeze and Thaw Soundness requirements.

4. Absorption requirements apply only to aggregates used in PCC and HMA mixtures except they shall not apply to BF. When crushed stone coarse aggregates from Category I sources, ~~*as per*~~ *in accordance with ITM 203,* consist of production from ledges whose absorptions differ by more than two percentage points, the absorption test will be performed every three months on each size of material proposed for use in PCC or HMA mixtures. Materials having absorption values between 5.0 and 6.0 that pass AP testing may be used in PCC. If variations in absorption preclude satisfactory production of PCC or HMA mixtures, independent stockpiles of materials will be sampled, tested, and approved prior to use.

5. Non-durable particles include*: a)* soft particles as determined by ITM 206, ~~and~~*b)* other particles which are structurally weak, such as soft sandstone, shale, limonite concretions, coal, weathered schist, cemented gravel, ocher, shells, *and* wood, ~~or~~*and c)* other objectionable material. Determination of non-durable particles shall be made from the total weight (mass) of material retained on the 3/8 in. (9.5 mm) sieve. Scratch Hardness Test shall not apply to crushed stone coarse aggregate.

6. ACBF and SF coarse aggregate shall be free of objectionable amounts of coke, iron, and lime agglomerates.

7. The bulk specific gravity of chert shall be based on the saturated surface dry condition. The amount of chert less than 2.45 bulk specific gravity shall be determined on the total weight (mass) of material retained on the 3/8 in. (9.5 mm) sieve for sizes 2 through 8, 43, 53, and 73 and on the total weight (mass) of material retained on the No. 4 (4.75 mm) sieve for sizes 9, 11, 12, and 91.

8. Crushed particle requirements apply to gravel coarse aggregates used in compacted aggregates. Determination of crushed particles shall be made from the weight (mass) of material retained on the No. 4 (4.75 mm) sieve in accordance with ASTM D5821.

Specification Items

- Proofrolling updated and clarified in 203.26

- 207 Subgrade Treatment
  - types ID, IV, and IVA deleted
  - Geosynthetics in subgrades now paid separately

- 301 & 303 Aggregate Base & Aggregate Pavement/Shoulder
  - additional details for aggregate compaction and construction
  - moisture content between 4% and 7%.

Specification Items

- Concrete Pavement recycled and used as aggregate.
  - Embankments (currently allowed)
  - Subgrade and subbase (being considered)

Specification Items

- 703 Reinforcing Bars
  - Beginning June 2025 lettings: ASTM A706 rebar allowed in addition to ASTM A615.
    - NO shop or field WELDING on rebar, even on A706!
  - Beginning with the 2026 Spec Book: Lap lengths now shown on plans (designed by designer)
    - If not, then its 64 bar diameters, NOT 32.
  - Maximum spacing of support devices 4 ft in any direction

Specification Items

Reminder:

- Cores for MSE panels are required to be **4 in. INSIDE DIAMETER** [901.10(a)1g]

- Using a 4 in. core bit yields a concrete core that is < 4 in.
  - Requirement has been unchanged since 2012

Specification Items

- 738 Polymeric Bridge Deck Overlay
  - Adjusted warranty “start”.
  - Please REVIEW version in your contract; may differ from your past contract
- 714 Box Culverts
  - New pay items for waterproofing membrane, when required
- Bearing Pads
  - Minor edits in 900 section possibly reducing number of sample pads required

Specification Items

Build America Buy America

- Manufactured Product waiver TERMINATED (Federal Register 1/14/25)
  - Will impact us starting with the October 2025 letting
  - Additional impacts beginning with the October 2026 letting

- Revising RSP 106-C-277 to include Manufactured Products
  - Effective with lettings on/after October 1, 2025
  - Updating AWP material codes
  - Updating Spreadsheet on our webpage
  - Right now, not applicable to 100% State-funded contracts

Specification Items

Added fillable certification forms to the INDOT webpage

Indiana Department of Transportation

- HMA Field Supervisor

Aggregate Bulk Specific Gravity

- 2025 Gsb List (2/18/25)
- Gsb List Changelog (2/18/25)
- HMA Gsb List Instructions

Data Views

- HMA Pay Factors and Comparison

PG Binder Index Adjustment

- Spreadsheet for PG Binder Index Adjustment
- Instructions for PG Binder Index Adjustment
- Example Spreadsheet
- Monthly PG Binder Index
- PG Binder Index FAQ

Certifications

This is a list of Certifications that includes the specifications and test result requirements for acceptance of materials.

- Type A Certifications
- Type B Certifications

The following are blank, fillable certifications that may be used to comply with Standard Specifications 916.

- Type A Certification
- Type B Certification
- Type C Certification
- Type D Certification
- Buy America Certification (Steel and Iron)
- Build America Buy America Certification (Construction Materials)
- Build America Buy America Certification (Manufactured Products) – required for lettings on or after October 1, 2025.

Quality Assurance Manuals

- Certified Aggregate Technician Manual

Indiana Test Methods

- ITM 207 – Added Strike-off method for Coarse and Fine Aggregate sampling
- (current sampling method still allowed)

Directives

- Directive 202 – Aggregate Quality and Verification Samples
  - Numerous changes
    - Definition of Point of Use, Aggregate verification
    - Labs testing sand
    - Procedure for failures at concrete and asphalt plants
    - Tables added or revised.

2025 Spring Regional Meetings
Changes to the CAP Program
&
Audit Corrective Action Trends

Melissa Ehrhart
INDOT Statewide Geologist
Division of Materials and Tests

ITM 211 Changes

- Proposed changes
  - Related to the CAPP Loadout Program
  - Other changes to update the CAPP to modern day technology

- INDOT is still finalizing changes, will get a copy to IMAA very soon. IMAA will distribute the proposed changes to members for comment and review

- Non-IMAA members, if you want a copy, please contact Jim Reilman at jreilman@indot.in.gov

Audit Corrective Actions and Trends

Who is going to be at your Audits and be your main contact?

- The District Geologists

LaPorte District Geologist – Rachel Drapeau

Fort Wayne District Geologist – Kenneth Ray

Crawfordsville District Geologist – Amanda Duchek

Greenfield District Geologist – Aaron Aldred

Vincennes District Geologist – Tim Buckner or Melissa Ehrhart

Seymour District Geologist – Chris Bell

Audit Corrective Actions Trends

- M&T has compiled the corrective actions from most of the 2024 districts audits.
- This overview will help INDOT, and producers identify the common issues across the board

- Total Corrective Actions: 197
- No Corrective Actions: 50 sources
- This does not include the observations during the audit

Audit Corrective Actions Trends

- Charts not done correctly (combined sections of 8.1 – 8.20, 8.23-8.26): 61
  - This includes Target means incorrect, specifications limits incorrect, not maintained for 30 points, charts missing tests, test dates do not match diaries or tests, 5-pt moving averages etc.
- Diaries not being filled out correctly (combined sections 9.1 – 9.11): 26
  - This includes Significant events, weather, quantity, test report wrong, time not entered, key personal, significant changes in plants, and diary not signed, and 5-pt moving averages
- Shakers not verified: 11
- Compliance Rate out of compliance: 7
- QCPs: 6
  - This includes D List does not match, plant locations/plant flow incorrect, management representatives not listed
- Missing weekly deleterious tests: 6

Audit Corrective Actions Trends

- Gradations not within spec limits (combined sections for samples): 24
- Current Test Methods: 18
- Tickets missing information such as ledges and source/Q numbers (combined sections): 6
- Balance not calibrated: 6
- Target means incorrect: 5

Common Audit Corrective Trends Through the Years

- Signage on the aggregate piles and stockpile maps incorrect
- Reference Documents (AASHTOs, ASTMs, and ITMs)
- QCPs not having the correct information
  - Plants not matching QCP
  - Personal not correctly listed
  - Plant Flow Diagrams incorrect
  - Lab information incorrect
- D List not matching QCP
- Tickets missing information
- Test data does not match diary and charts

Common Audit Corrective Trends Through the Years

- 5 point moving average trend not noted in the diary or math is incorrect
- Missing Deleterious tests/frequency
- Missing Start-up, normal, and loadout frequencies
- Key personal changes not in diary
- Compliance Rates below 95% or standard deviation above 5.0
- Verifications not correct/Scales weights not calibrated
- Gradations

How to Resolve these Corrective Actions?

- Review your previous year audits.
  - Make sure your corrective actions are still being taken care of.
- Audit yourself. There is a blank audit checklist in the CAPP Manual.
  - This will make you see stuff that may have been overlooked previously
- Make sure you have the correct paperwork for verifications
  - Are your forms from the most updated ITM documents?
  - Make sure your weights are calibrated every year and not every two years, the certification letter will tell you

How to Resolve these Corrective Actions?

- Check your yard to make sure the signs are there and have the correct information.
  - Same goes with stockpile maps, check them to make sure they are accurate
- Check your charts regularly to make sure they are correct
  - What is the 5-pt moving average doing? Did you record it?
- Review your daily diaries
  - Is all of the information in the diaries, correct?

How to Resolve these Corrective Actions?

- Review your QCP, is all your information in the QCP correct?
  - If not, use your addenda to update your QCP for information during the audit time frame of 10 days or do updates within January 1st through April 1st
- How often are you checking your compliance rate?
- Make sure you are still Certified:
  - To stay certified, Technicians need to:
    - Attend the Spring Regional Meeting
    - Or watch the video and pass the short quiz about topics covered in the video.
  - To stay qualified, Technicians need to do proficiencies every two years. Contact your IA to make sure deadlines

How Do We Find the Most Current Documents?

- This is the Website that you need:
  - https://www.in.gov/indot/doing-business-with-indot/contractorsconstruction/division-of-materials-and-tests/

- What is on this website?
  - D List
  - ITMs
  - Directives
  - Current Management Representative Letter – This gives you details of all the Current AASHTOs, ASTMs, and ITMs
  - Current CAPP Manual
  - 2023 Aggregate Spec Chart
  - Certified Technician List
  - GSB List for HMA
  - Class AP and AS Lists
  - Certified Sources List

How Do We find the Most Current Documents?

Qualified Products and Sources

- Qualified Products Lists & Qualified Sources Lists

  A listing of qualified products and sources that meet INDOT specifications for immediate use on INDOT Contracts.
- Ready Mixed Concrete Plants

Publications & Manuals

- Indiana Test Methods Index

  Test Methods and Procedures developed by INDOT for use with INDOT Specifications.
  - ITM 226: Review and Validation of CCAs Spreadsheet
- Frequency of Sampling and Testing Manual

  This is the manual that outlines the Sampling and Testing requirements of materials for acceptance purposes on INDOT contracts.
  - Highlighted Changes to the Frequency of Sampling and Testing Manual

    Please see highlighted revisions to the 2024 manual in this document.
- Directive Index

  Internal procedures developed by INDOT to direct testing activities.
- Material Certification Guide

How Do We find the Most Current Documents?

  - Material Review Letter by INDOT PE/S
  - Material Review Letter by Consultant PE/S
- Materials Classification for BABA (Build America, Buy America) rev. 4-1-2024
- 2023 Aggregate Specification Chart
- 2024 Management Representative Letter
- DMF Entry Reference Manual
  Procedures for enrolling, accessing, and navigating the DMF Entry application.
- Mobile Mixer Calibration - Ver 2.0- 2019
- Concrete Mix Design Spreadsheet - V14m.11.25.24
- Mix Design for LMC
- Life of an HMA Sample Webinar
  Learn about INDOT's tools and processes behind gathering, testing, and grading HMA Samples. (Click Here for PDF)

Testing Memorandums

- Current Testing Memos

Certified Technicians/Supervisor Lists

- CAPP Technicians
- ICAT Technicians
- HMA Field Supervisor

How Do We find the Most Current Documents?

Aggregate Bulk Specific Gravity

- 2024 Gsb List (3/28/24)
- Gsb List Changelog (3/28/24)
- HMA Gsb List Instructions

Data Views

- HMA Pay Factors and Comparison

PG Binder Index Adjustment

- Spreadsheet for PG Binder Index Adjustment
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- Example Spreadsheet
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How Do We find the Most Current Documents?

Quality Assurance Manuals

- Certified Aggregate Technician Manual
  Manual outlining the procedures to be followed by the Certified Aggregate Technicians.
- Indiana Certified Asphalt Technician (ICAT) Manual
  Manual outlining the procedures to be followed by the ICAT Technician.
- Certified Hot Mix Asphalt Field Supervisor Policy
  The policy to be followed to obtain and maintain a Certified HMA Field Supervisor certification.

Geotechnical Engineering Division Links

- Geotechnical Engineering Division Home Page
  Manuals, Guidelines, Forms, and Approved List of Suppliers and Geotechnical Consultants.
- Qualified Geotechnical Consultants
- Field Testing of Soils and Aggregate
  Procedures to be followed for Acceptance Testing of Soils, Granular Soils and Aggregates.

IRI (International Roughness Index) Links and QA Information

- IRI Information (Links to Construction Information)
  Forms, Guides and Worksheets
- IRI Quality Assurance Procedures

AASHTOs and ASTMs

- The AASHTO and ASTM documents shown in the CAPP manual are excerpts and are not the complete documents.
  - Note: CAPP requires the full, complete AASHTO or ASTM document to be available at your facility.
- The requirement is that current AASHTOs and ASTMs (the ones listed in your QCP) are purchased and available at each facility.

2025 Spring Regional Meetings
South – Central - North
CAPP Pilot Loadout Data 2024-2025

Matthew Beeson, PE
Director, Division of Materials and Tests
March 4 - 6, 2025

CAPP Pilot Loadout Data 2024-2025

- **INDOT Letter to Management Representatives March 27, 2024**
- **Loadout 2024**
  - Review SharePoint Producer 2024 Loadout Data
- **Loadout 2025**
  - Consider 2025 Loadout Path Forward
- **Next Steps**
  - Producer Management Group Meetings with Geologists
  - Regional Meetings
  - ITM 211 Update

CAPP Pilot Loadout Data 2024

- INDOT Letter to Management Representatives March 27, 2024

INDIANA DEPARTMENT OF TRANSPORTATION

Division of Materials and Tests
120 South Shortridge Road
Indianapolis, IN 46219

PHONE: (317) 610-7251
FAX: (317) 356-9051

Eric Holcomb, Governor
Michael Smith, Commissioner

March 27, 2024

MEMORANDUM

TO: Management Representatives
Certified Aggregate Producers
Trial Phase Producers
Coordinated Testing Phase Producers

FROM: Jim Reilman, PE
State Materials Engineer 3/28/24

SUBJ: Certified Aggregate Producer Program – 2024 Loadout Data Collection: All Sources with Size 8 and 11, and QA Equivalents

This letter provides information about Loadout Data Collection for the CAP Program for the 2024 season. This data collection will build upon our pilot study from 2023 and will serve the purpose of furthering our understanding of how to make the CAP Program better for both the producers and INDOT. Details of the program are below.

Purpose and Need

Collect loadout test data from all CAPP Producers in 2024 to assess the current effectiveness of CAPP for sizes 8 and 11 and QA equivalent aggregates. The collection of data will allow INDOT and Industry to understand where we stand with loadout data on a statewide basis. INDOT and Industry will analyze this data along with INDOT verification data to meaningfully assess the current state of CAPP and to discuss potential updates to the program if needed. *All data summaries will be anonymized, and no identifiable source data will be shared with Industry during this process.*

The Details

1. Frequency/Testing/Reporting/Data
   a. Frequency
      i. Use your typical loadout frequency. However, you are encouraged (but not required) to consider a frequency that will generate at least 30 loadout samples by the end of 2024 for each applicable product.
   b. Testing
      i. When sampling more frequently than 1 per every 8000 t, only report the critical sieve. Decant is only required 1 time per every 8000 t.
      ii. When sampling at 1 time per every 8000 t, report the critical sieve and decant.
   c. Reporting
      i. Report all sample results for this Loadout Data Collection. **Do not call something an "information" sample because it "failed". Do not "discard" samples.** Samples are obtained at the end of each increment, so the results do represent what was just shipped. Report every sample obtained at the agreed upon interval, even if you decided to rework the face of the pile or discard some material from the pile after sampling. This is a record of what was shipped, so all samples are required for this Loadout Data Collection to be representative and meaningful.
      ii. Follow the CAPP and your QC Plan separately from this Loadout Data Collection. The results of these samples are for the Loadout Data Collection. These are not intended to create double jeopardy compared to your normal CAPP requirements if you sample at a greater frequency than the required 1 time per every 8000 t. There are no consequences for "failing" test results collected for this Loadout Data Collection if the test was in addition to the required 1 time per every 8000 t test interval.
2. Electronic Data
   a. Collection: INDOT will email a link for each source-specific data collection spreadsheet (Microsoft Excel) file to one or more people from each source.
      i. Open the link using Edge, Chrome, Firefox, or Safari; Internet Explorer may not work.
      ii. You may need to login to your Microsoft account when prompted.
      iii. Enter your data directly into the Excel file that opens in your web browser.
      iv. Type the data directly into Excel, or paste the data directly into Excel from your own files.
      v. Use a separate worksheet tab for each unique product and ledge combination.
      vi. You may duplicate tabs as needed.
      vii. Enter your current data into Excel daily, weekly, or monthly beginning no later than May 1 for April's results and continuing thereafter.
      viii. Work with your District Geologist if you need alternative methods of providing your data.
3. Verification
   a. INDOT District Testing personnel will witness the sampling, testing, and reporting of approximately one sample per calendar quarter per source and size. Communicate through District channels to coordinate. Note which samples were witnessed samples in your records and the Excel file. INDOT will not normally take a split sample for this process.
4. Results
   a. INDOT will compile and analyze electronic data throughout 2024.
   b. INDOT will share anonymous data with our Industry partners.
   c. INDOT and Industry will consider appropriate next steps after reviewing the data.

Sampling. Partial Example.

Showing acceptable variation in sampling difference from targeted sampling size.

Material	Loadout Pilot Information Sample Interval (as determined by source)	Cumulative Tons	Ton Sampled	INDOT Witness?	Comments
8	8000	8,000	4000	D. Rhoades	Sampled early. OK as rare exception.
8	8000	16,000	15,500		OK. Reasonably close to 8000t interval.
8	8000	24,000	24,100		OK. Reasonably close to 8000t interval.
8	8000	32,000	32,500	S. Rivers	OK. Reasonably close to 8000t interval.
8	8000	40,000	41,000		OK. Reasonably close to 8000t interval.

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CAPP Pilot Loadout Data 2024

- INDOT Letter to Management Representatives March 27, 2024

Purpose and Need

Collect loadout test data from all CAPP Producers in 2024 to assess the current effectiveness of CAPP for sizes 8 and 11 and QA equivalent aggregates. The collection of data will allow INDOT and Industry to understand where we stand with loadout data on a statewide basis. INDOT and Industry will analyze this data along with INDOT verification data to meaningfully assess the current state of CAPP and to discuss potential updates to the program if needed. *All data summaries will be anonymized, and no identifiable source data will be shared with Industry during this process.*

CAPP Pilot Loadout Data 2024-2025

- INDOT Letter to Management Representatives March 27, 2024
- **Loadout 2024**
  - Review SharePoint Producer 2024 Loadout Data
- Loadout 2025
  - Consider 2025 Loadout Path Forward
- Next Steps
  - Producer Management Group Meetings with Geologists
    - Review Loadout data. Update Control Limits.
  - Regional Meetings
  - ITM 211 Update
    - Partner Feedback
    - Transitional Implementation

CAPP Pilot Loadout Data 2024-2025

- **Loadout 2024**
  - Review SharePoint Producer 2024 Loadout Data
- Risk Based Focus
  - **Size 8 and QA Equivalents**
  - Size 11 and QA Equivalents
- First Comprehensive Data Review in 30 Years of CAPP
- Using Percent Within Limits (PWL)
  - Products With at Least 3 Tests

CAPP Pilot Loadout Data 2024-2025

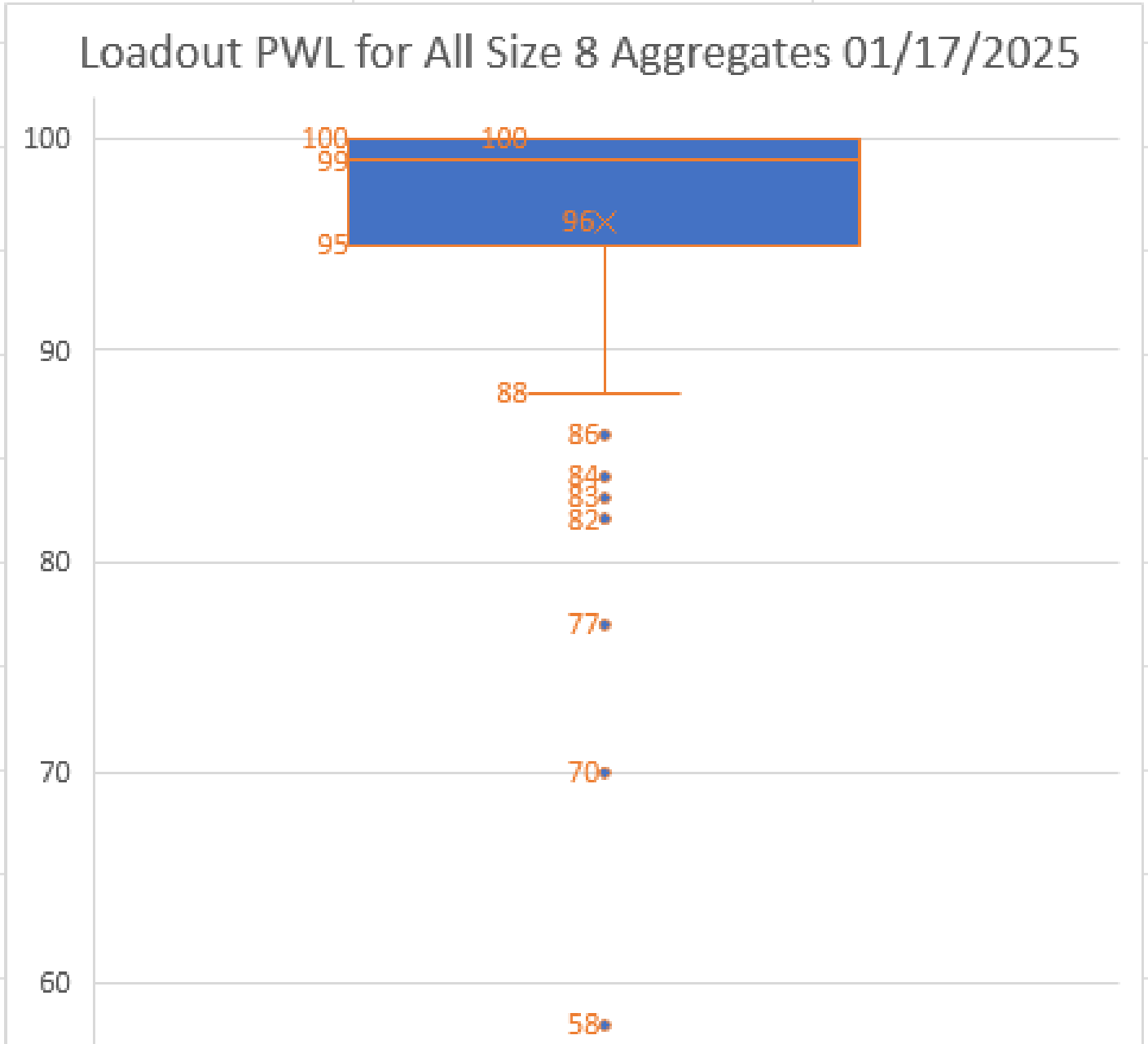
- **Loadout 2024**
  - Review SharePoint Producer 2024 Loadout Data

- **Size 8. Critical Sieve**
  - 98 Products
  - 1687 Tests

- Statistical Highlights
  - 75% have PWL of 95 to 100. Excellent!
  - 12% have PWL <90. 12 of 98 products.

CAPP Pilot Loadout Data 2024-2025

- **Loadout 2024**
- **Size 8. Critical Sieve**
  - 98 Products
- “Box and Whisker” Interpretation
  - 75% have PWL of 95 to 100
  - 50% have PWL of 99 to 100
  - 25% have PWL of 88 to 95
- Data Entry Time
  - <1 minute per test in SharePoint.



CAPP Pilot Loadout Data 2024-2025

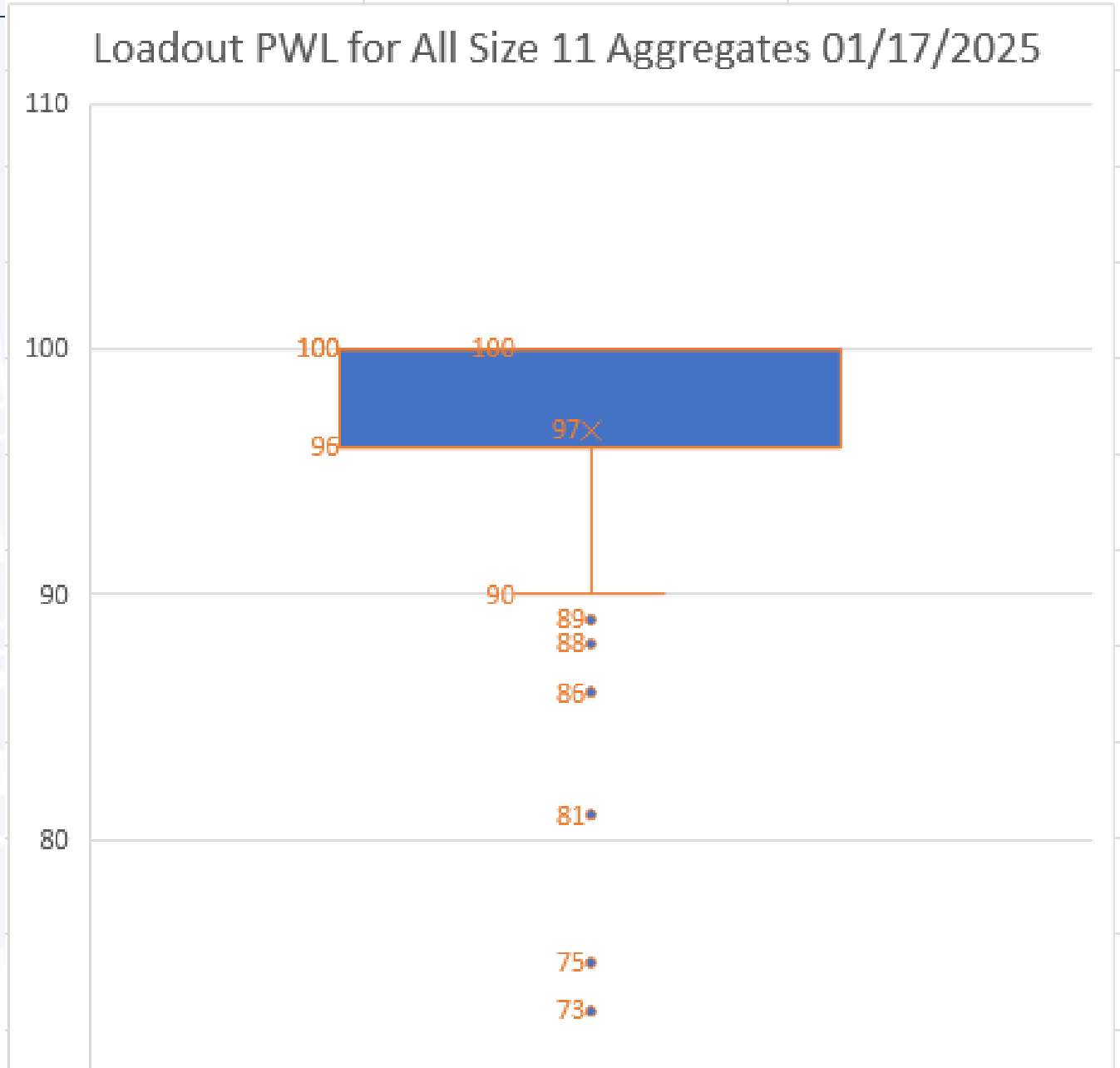
- **Loadout 2024**
  - Review SharePoint Producer 2024 Loadout Data
- Risk Based Focus
  - Size 8 and QA Equivalents
  - **Size 11 and QA Equivalents**
- First Comprehensive Data Review in 30 Years of CAPP
- Using Percent Within Limits (PWL)
  - Products With at Least 3 Tests

CAPP Pilot Loadout Data 2024-2025

- **Loadout 2024**
  - Review SharePoint Producer 2024 Loadout Data
- **Size 11. Critical Sieve**
  - 62 Products
  - 789 Tests
- Statistical Highlights
  - 75% have PWL of 96 to 100. Excellent!
  - 10% have PWL <90. 6 of 62 products.

CAPP Pilot Loadout Data 2024-2025

- **Loadout 2024**
- **Size 11. Critical Sieve**
  - 62 Products
- "Box and Whisker" Interpretation
  - 75% have PWL of 96 to 100
  - 50% have PWL of 100
  - 25% have PWL of 90 to 96



CAPP Pilot Loadout Data 2024-2025

- **Loadout 2024**
  - **Summary Comparison**
- **Size 8 and QA Equivalents**
  - 98 Products
- Statistical Highlights
  - 75% have PWL of 95 to 100. Excellent!
  - 12% have PWL <90. 12 of 98 products.

- **Loadout 2024**
  - **Summary Comparison**
- **Size 11 and QA Equivalents**
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  - 75% have PWL of 96 to 100. Excellent!
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CAPP Pilot Loadout Data 2024-2025

- INDOT Letter to Management Representatives March 27, 2024
- Loadout 2024
  - Review SharePoint Producer 2024 Loadout Data
- **Loadout 2025**
  - Consider 2025 Loadout Path Forward
- Next Steps
  - Producer Management Group Meetings with Geologists
  - Regional Meetings
  - ITM 211 Update

CAPP Pilot Loadout Data 2024-2025

- Loadout 2025

SECTION 917 – QUALITY ASSURANCE AGGREGATE CERTIFICATION

917.01 General Requirements

An aggregate source will be authorized to ship products in the status of a Certified Aggregate Producer who is in accordance with the required standards of ITM 211. This will consist of a program which will require the aggregate source to make a commitment to product quality management. Approval to participate in the program will be based on the following criteria:

(a) existence of suitable materials in the deposit being mined,

(b) facilities capable of consistently processing uniform materials in accordance with the specification requirements, and

(c) a source QCP which will ensure that the mineral aggregates have a 95% assurance of being in accordance with the Department's quality and uniformity requirements.

Specific details of the CAPP are contained in ITM 211. Additional details about the program are included in the CAPP Training Manual for Producer Technicians. A Certified Aggregate Producer shall operate in accordance with both of these publications.

CAPP Pilot Loadout Data 2024-2025

- **Loadout 2025**
  - Consider 2025 Loadout Path Forward
- Loadout Data Collection
  - Continue SharePoint
  - Longer Term IT Solution for Seamless Data
- Most Producers are Successful with Most Products!
  - Over 75% meet PWL of 95. Excellent!
- The Data Now Identifies Products Needing the Producer's Attention
  - Just 10% to 12% of the Size 8 and Size 11 products are below PWL of 90
  - Every SharePoint Data Sheet Calculates the PWL for the Producer
  - Monthly Summary Created for Corporate Managers with Several Sources

CAPP Pilot Loadout Data 2024-2025

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- **Next Steps**
  - Producer Management Group Meetings with Geologists
  - Regional Meetings
  - ITM 211 Update

CAPP Pilot Loadout Data 2024-2025

- **Next Steps**
  - Producer Management Group Meetings with Geologists
    - Review Loadout Data. Update Control Limits.
  - Regional Meetings
    - Opportunity to Review Loadout 2024-2025 with More Personnel
  - ITM 211 Update
    - Partnership Feedback from Forthcoming Draft
    - Loadout Data for Size 8 and Size 11
      - Producer Response to PWL Data When Appropriate
    - Transitional Implementation 2025 for 2026

CAPP Pilot Loadout Data 2024-2025

- **INDOT Letter to Management Representatives March 27, 2024**
- **Loadout 2024**
  - Review SharePoint Producer 2024 Loadout Data
- **Loadout 2025**
  - Consider 2025 Loadout Path Forward
- **Next Steps**
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Questions