

Haley Griffith (adpce.ad)

Subject: FW: Green Bay Packaging CQA Plan Discussion

From: Jonathan King <jking@promusengineering.com>

Sent: Thursday, September 11, 2025 10:52 AM

To: Richard Bennett (adpce.ad) <richard.bennett@arkansas.gov>

Cc: Wesson, Jacob <jwesson@gbp.com>; Gray, Evan <egray@gbp.com>; Brad Fureigh <bfureigh@promusengineering.com>

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Mr. Bennett,

Per our phone conversation, I have summarized the reason(s) why we used different ASTMs in the summary tables than what are required in 8CARpt 60. I also put the title of each ASTM below the table for reference. Please let me know if I missed anything, or if you have additional questions.

8CAR pt 60	CQA Plan	Reason
Moisture Content ASTM D854	Moisture Content ASTM D2216	ASTM D854 is to determine the specific gravity of soils, not the moisture content as required by 8CAR pt 60.
Particle Size ASTM D422	Grain Size ASTM D6913	ASTM D422 was withdrawn in 2016 and is no longer used.
Field Moisture/Density ASTM D2922	Field Moisture/Density ASTM D6938	ASTM D2922 was withdrawn and replaced by ASTM D6938 in 2007.

- D854: Standard Test Methods for Specific Gravity of Soil Solids by the Water Displacement Method
- D2216: Standard Test Methods for Laboratory Determination of Water (Moisture) Content of Soil and Rock by Mass
- D422: Standard Test Methods for Particle-Size Analysis (Standard Withdrawn 2016)
- D6913: Standard Test Methods for Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis
- D2922: Standard Test Methods for Density of Soil and Soil-Aggregate in Place by Nuclear Methods (Withdrawn and Replaced in 2007 by D6938)
- D6938: Standard Test Methods for In-Place Density and Water Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)

Also, can you please confirm if Rule 22 or 8CAR pt 60 is effective and what we should be using, going forward?

Thanks!

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