

ASP6 Guidance for Pay Adjustments for Nonconforming Air Content For Pavements

Effective for projects with November 2025 Letting through October 2026 Letting

Under standard specification 715.5 Payment, 715.5.1 General paragraph (9) was added effective with the November 2025 letting.

- The department will apply one price adjustment to a given quantity of material. If the quantity in question is subject to more than one nonconforming test, apply the adjustment with the greater price reduction. In the absence of exact quantities affected by the subplot test results, pay reductions will be applied to the entire subplot.

Under standard specification 715.5.4 Pay Adjustments for Nonconforming Air Content, Temperature, and Delivery Time subsection 715.5.4 was added also effective with the November 2025 letting.

- The department will adjust pay for each subplot with nonconforming Quality Control (QC) air content test results as specified in table 715-2.
- If other nonconforming conditions exist under standard specification 715.5 General, in addition to nonconforming air content or delivery time, the pay adjustment will be applied to the highest nonconforming condition.

TABLE 715-2 PRICE REDUCTIONS FOR NONCONFORMING AIR CONTENT

LIMITS %		PERCENT PRICE REDUCTION OF THE CONTRACT UNIT PRICE
Above Specification limits	≥ 0.5 ^[1]	10
	0.1 to 0.4 ^[1]	5
Below Specification I limits	0.1 to 0.5	20
	0.6 to 1.0	30
	> 1.0	50 or remove and replace

^[1] Evaluate the strength data. If the strengths are acceptable, do not take a price reduction for high air content. Contractor is responsible for providing additional strength data, if necessary.

Under standard specification 701.3.2 Contractor QC Testing, the contractor is responsible for generating random numbers, providing random numbers to the engineer, testing fresh concrete, performing other tests as necessary to control production, corrective action and notifying the department when an individual test is out the specification limits.

The QC random test taken at the predetermined random location per subplot will be recorded and used for pay adjustment determination. No other test taken within the subplot can replace the original QC random test taken whether it is corrective action test, engineer-directed test, or contractor process control test.

When a QC random air content test is nonconforming, the contractor may be able to reduce credit applied by performing the additional testing as follows:

- If any random QC air content test is outside of the specification limits, notify the engineer immediately.
- Perform corrective action by testing the first two subsequent trucks following the nonconforming QC random air content test to show the material is within the specification limits.
 - If the two consecutive air content tests are conforming, no further testing is required by the contractor for corrective action.
 - If one or both of the two consecutive air content tests are nonconforming, the contractor must continue to test subsequent trucks until two consecutive air content tests are conforming.
- If the random nonconforming QC air content test falls within the first half of the subplot, the engineer should direct the contractor to perform one additional air content test in the second half of the subplot to ensure material conformance. If the engineered-directed additional air content test is

nonconforming, the contractor must perform corrective action as outlined above. Engineer-directed tests do not substitute or change QC and QV random numbers.

Material placed before the nonconforming random QC air content test will be considered conforming as long as the contractor performs the required corrective action until there are two consecutive conforming air tests.

The quantity from the non-conforming test to the first conforming corrective action test is subject to a payment reduction. Nonconforming tests taken for corrective action and any additional nonconforming tests will be added to the overall nonconforming quantity subject to pay reduction. Conforming corrective action tests will not be included in the nonconforming quantity for pay reduction calculations.

Coring to validate material for pavements:

- The contractor may request hardened-air testing to evaluate the material represented by the nonconforming random QC test. The engineer will divide the subplot into at least three approximately equal segments, with one core taken from each segment. Each core will represent the quantity of pavement within its corresponding segment.
- The core for the segment containing the original nonconforming QC test will be taken at that test location. Core locations within the remaining segments will be randomly selected by the engineer.
- The segment with a conforming core result will be accepted without an air-content pay reduction. The applicable pay reduction will be assessed only on the quantity represented by a nonconforming core result.
- The contractor will be responsible for costs associated with coring and testing.

**ASP6 Guidance for Pay Adjustments for Nonconforming Air Content
For Structures and Cast-in-place Barriers**

Effective for projects with November 2025 Letting through October 2026 Letting

Under standard specification 715.5 Payment, 715.5.1 General paragraph (9) was added effective with the November 2025 letting.

- The department will apply one price adjustment to a given quantity of material. If the quantity in question is subject to more than one nonconforming test, apply the adjustment with the greater price reduction. In the absence of exact quantities affected by the subplot test results, pay reductions will be applied to the entire subplot.

Under standard specification 715.5.4 Pay Adjustments for Nonconforming Air Content, Temperature, and Delivery Time subsection 715.5.4 was added also effective with the November 2025 letting.

- The department will adjust pay for each subplot with nonconforming Quality Control (QC) air content test results as specified in table 715-2.
- If other nonconforming conditions exist under standard specification 715.5 General, in addition to nonconforming air content or delivery time, the pay adjustment will be applied to the highest nonconforming condition.

TABLE 715-2 PRICE REDUCTIONS FOR NONCONFORMING AIR CONTENT

LIMITS %		PERCENT PRICE REDUCTION OF THE CONTRACT UNIT PRICE
Above Specification limits	≥ 0.5 ^[1]	10
	0.1 to 0.4 ^[1]	5
Below Specification I limits	0.1 to 0.5	20
	0.6 to 1.0	30
	> 1.0	50 or remove and replace

^[1] Evaluate the strength data. If the strengths are acceptable, do not take a price reduction for high air content. Contractor is responsible for providing additional strength data, if necessary.

Under standard specification 701.3.2 Contractor QC Testing, the contractor is responsible for generating random numbers, providing random numbers to the engineer, testing fresh concrete, performing other tests as necessary to control production, corrective action and notifying the department when an individual test is out the specification limits.

The QC random test taken at the predetermined random location per subplot will be recorded and used for pay adjustment determination. No other test taken within the subplot can replace the original QC random test taken whether it is corrective action test, engineer-directed test, or contractor process control test.

When a QC random air content test is nonconforming, the contractor may be able to reduce credit applied by performing the additional testing as follows:

- If any random QC air content test is outside of the specification limits, notify the engineer immediately.
- Perform corrective action by testing the first two subsequent trucks following the nonconforming QC random air content test to show the material is within the specification limits.
 - If the two consecutive air content tests are conforming, no further testing is required by the contractor for corrective action.
 - If one or both of the two consecutive air content tests are nonconforming, the contractor must continue to test subsequent trucks until two consecutive air content tests are conforming.

Material placed before the nonconforming random QC air content test will be considered conforming as long as the contractor performs the required corrective action until there are two consecutive conforming air tests.

The quantity from the non-conforming test to the first conforming corrective action test is subject to a payment reduction. Nonconforming tests taken for corrective action and any additional nonconforming tests will be added to the overall nonconforming quantity subject to pay reduction. Conforming corrective action tests will not be included in the nonconforming quantity for pay reduction calculations.