

500-R-581 CONCRETE MIXING AND TRANSPORTATION

(Revised 04-19-11)

The Standard Specifications are revised as follows:

SECTION 501, BEGIN LINE 259, DELETE AND INSERT AS FOLLOWS:

When the concrete temperature is 90°F (32°C) or above, ~~D~~ discharge from non-agitating equipment shall be completed within 30 min of mixing the water, cement, and aggregates. For concrete temperature below 90°F (32°C), discharge from non-agitating equipment shall be completed within 45 min of mixing the water, cement, and aggregates. The concrete temperature shall be measured in accordance with AASHTO T 309 at the point of delivery.

A watertight cover shall be used for a truck agitator and non-agitating equipment. The concrete shall be incorporated into the paving equipment within 15 min of discharge by the truck mixer, truck agitator, or non-agitating equipment.

Discharge from a truck agitator or a truck mixer shall be completed within 90 min of mixing the water, cement, and aggregates.

SECTION 502, BEGIN LINE 200, DELETE AND INSERT AS FOLLOWS:

Concrete mixing and transportation shall be completed by central mixed, shrink mixed, or transit mixed methods. The minimum batch of concrete shall be 2 cu yd (1.5 m³). *When the concrete temperature is 90°F (32°C) or above, ~~D~~ discharge from non-agitating equipment shall be completed within 30 min of mixing the water, cement, and aggregates. For concrete temperature below 90°F (32°C), discharge from non-agitating equipment shall be completed within 45 min of mixing the water, cement, and aggregates. The concrete temperature will be measured in accordance with AASHTO T 309 at the point of delivery.* Discharge from a truck agitator or a truck mixer shall be completed within 90 min of mixing the water, cement, and aggregates.
