

## 707-B-191 DETENSIONING PRECAST PRESTRESSED STRUCTURAL MEMBERS

*(Adopted 10-20-11)*

The Standard Specifications are revised as follows:

SECTION 707, BEGIN LINE 380, DELETE AND INSERT AS FOLLOWS:

The curing temperature shall be sustained until the concrete has reached the minimum required *compressive* strength for detensioning the structural members. *Once the concrete has achieved the required compressive strength, detensioning shall be performed while the concrete is still warm and moist. Detensioning operations shall not interfere with the curing of the structural member.*

As the application of heat is discontinued, the concrete temperature shall decrease at a rate not to exceed 50°F/h (28°C/h). When the concrete temperature has reached 40°F (22°C) or less above the ambient temperature outside the curing enclosure, accelerated curing is considered to have concluded. ~~Detensioning shall be performed after accelerated curing has concluded, provided the compressive strength of the concrete in the structural member has met or exceeded the specified release strength.~~ A thermometer shall be provided to monitor ambient air temperatures. This thermometer does not have to have recording capabilities.

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