

maintaining the water temperature in the water storage tank to 5°C during the hot weather. There shall be facilities to monitor the temperature of cement in the silos and water.

- I. Plant must have an automatic computer controlled flaked ice supply.
- J. Qualified personnel at the ready-mix plant.
- K. Sufficient number of concrete mixing trucks and concrete pumps capable to maintain the smooth flow of the concrete to the job site during the concrete pours.
- L. A fully equipped testing laboratory.
- M. Back up facilities.

3.1.9 Mock-Up

- A. Section 01400 - Quality Control: Requirements for mock-up.
- B. Construct and erect a field sample for architectural concrete surfaces receiving special treatment or special formwork finish.
- C. Sample Panel: Sufficient size to indicate special treatment or finish required. Include all items such as stiffeners, sheet, ties, etc.
- D. If requested by Engineer, cast concrete against sample panel. Obtain acceptance of resultant surface finish prior to erecting formwork.
- E. Accepted sample panel is considered basis of quality for the finished work. Keep sample panel exposed to view for duration of concrete work.
- F. Mock-up may remain as part of the work with the approval of the Engineer.

3.1.10 Delivery and Storage

- A. Material and Equipment: Transport, handle, store, and protect products to the requirements of Section 01600.
- B. Storage of cement, aggregates, and admixtures.
 - 1. Cement:
 - a. Store and protect cement from deterioration and contamination.
 - b. Store above the ground in filtered or an approved ventilation dust control dry waterproofed silos.
 - c. Provide separate cement silos for each consignment of cement. Do not mix cement consignments.
 - d. Maintain the temperature of cement in the silo at less than 45 degrees C. This can be accomplished by shading the silos and painting white