

**PART CC26**  
**NORMAL CLASS CONCRETE**

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**1. GENERAL**

- .1 This Part specifies the requirements for the supply and placement of normal class concrete N20, N25 and N32. Refer to Parts CC20 Supply of Concrete and CC25 Placement of Concrete for other grades of normal class concrete and for special class concrete.
- .2 Any reinforcing shall comply with Part CC05 Steel Reinforcement.
- .3 Documents referenced in this Part are listed below:
  - (a) AS 1379 The Specification and Supply of Concrete
  - (b) AS 3600 Concrete Structures
  - (c) AS 9001 Quality management systems – Requirements
  - (d) HB64 Guide to Concrete Construction (joint publication of the Cement and Concrete Association of Australia and Standards Australia)

**2. CONCRETE PRODUCTION**

- .1 Concrete and its constituent materials shall be supplied and tested in accordance with AS 1379. The concrete plant shall operate under a quality system in accordance with AS 9001.
- .2 Unless specified otherwise:
  - (a) the concrete shall be subject to production assessment in accordance with Clause 6.3 "Production Assessment" of AS 1379;
  - (b) the maximum slump at the point of acceptance is 100 mm;
  - (c) the maximum aggregate size is 20 mm; and
  - (d) air entrainment is not required.
- .3 For each load of concrete supplied, the Contractor shall supply an identification certificate in accordance with Clause 1.7.3 "Identification Certificate" of AS 1379.
- .4 The Contractor shall ensure that production assessment reports are available in accordance with Clause 6.4.2 "Reports for Production Assessment" of AS 1379.

**3. CONCRETE PLACEMENT**

- .1 Concrete shall be transported, handled, placed, compacted, finished and cured in accordance with Section 17 "Material and Construction Requirements" of AS 3600, using the recommended processes described in HB64. Hand mixing is not permitted.
- .2 Concrete at the acceptance point shall have a temperature not less than 5°C nor greater than 35°C (refer AS 1379, Clause 4.4.2). Concreting in the open shall not be carried out during adverse conditions, such as rain, wind, dust or bushfires.

**4. RECORDS**

.1 The Contractor shall supply the following records:

<b>CLAUSE REF.</b>	<b>SUBJECT</b>	<b>RECORD TO BE PROVIDED</b>
2	Concrete Delivery Information	Identification certificates in accordance with AS 1379, Clause 1.7.3 "Identification Certificate"

**5. HOLD POINTS**

.1 There are no Hold Points referenced in this Part.

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