



DSA Structural Amendments under review are highlighted in GRAY

Template 19-67

2001 CBC - Chapter 19A  
CONCRETE

Section - 1929A - TESTING AND INSPECTION

Subsection(s) - 1929A.9 - 1929A.9.5

1929A.9 Inspection of Prestressed Concrete.

1929A.9.1 In addition to the general inspection required for concrete work, all plant fabrication of prestressed concrete members or tensioning of posttensioned members constructed at the site shall be continuously inspected by an inspector specially approved for this purpose by the enforcement agency.

1929A.9.2 To be eligible for approval, the inspector shall be examined as to his or her knowledge and experience in prestressed concrete construction.

1929A.9.3 The prestressed concrete plant fabrication inspector shall check the materials, equipment, tensioning procedure and construction of the prestressed members. The inspector shall make a verified report identifying the members by mark and shall include such pertinent data as lot numbers of tendons used, tendon jacking forces, age and strength of concrete at time of tendon release and such other information that may be required.

1929A.9.4 The inspector of prestressed members posttensioned at the site shall check the condition of the prestressing tendons, anchorage assemblies and concrete in the area of the anchorage, the tensioning equipment and the tensioning procedure. The inspector shall make a verified report of the prestressing operation identifying the members or tendons by mark and including such pertinent data as the initial cable slack, net elongation of tendons, jacking force developed, and such other information as may be required.

1929A.9.5 The verified reports of construction shall show that of the inspector's own personal knowledge, the work covered by the

33 report has been performed and materials used and installed in ev-  
34 ery material respect in compliance with the duly approved plans  
35 and specifications for plant fabrication inspection. The verified  
36 report shall be accompanied by test reports required for materials  
37 used. For site posttensioning inspections the verified report shall  
38 be accompanied by copies of calibration charts, certified by an  
39 approved testing laboratory, showing the relationship between  
40 gage readings and force applied by the jacks used in the prestress-  
41 ing procedure.