

_____ CONCRETE AND CONCRETE MATERIALS SAMPLING AND TESTING
FACILITIES

NOTE TO SPECIFIERS: This paragraph is for use in specifications for large power and pumping plants, and for earth dams having large spillways and outlet works, involving concrete quantities in excess of 50,000 cubic yards. (Conc. 40 should be used when a powerplant is to be constructed along with a mass concrete dam.)

The Contractor shall provide facilities satisfactory to the Contracting Officer, including power-driven mechanical sampling devices, as may be necessary for procuring and handling representative test samples of aggregate and concrete at the batching and mixing plants ¹(; except that for truck mixers, power-driven mechanical sampling devices will not be required.)

The Contractor shall also provide ample and protected working space adjacent to the batching and mixing plants, free from plant vibration, and shall furnish necessary utilities such as compressed air, water, heat, and electrical power for operation of Government testing equipment and for execution of tests by Government personnel of concrete and concrete materials at the batching and mixing plants: ¹(Provided, That facilities for tests of fresh concrete produced by truck mixers shall, when tests of the fresh concrete are to be made, as determined by the Contracting Officer, consist of a stable, level platform located in close proximity of each such mixer at the time concrete is being discharged from the mixer.)

Prior to the installation of the Contractor's plants and equipment for processing and batching aggregates, and for mixing concrete, the Contractor shall submit plans for approval to the Contracting Officer of facilities for obtaining samples of concrete materials during batching and for obtaining samples of concrete for mixer efficiency, slump, and other tests of the concrete as discharged from the mixer. The plans shall be submitted at least 45 days prior to plant installation. After completion of the plant installation, the operation of the sample-taking facilities shall be demonstrated to the Contracting Officer and shall be subject to his approval.

The cost of providing facilities and working space for procuring and handling representative test samples of concrete and concrete materials at the batching and mixing plants shall be included in the prices bid in the schedule for concrete.

¹Delete when the use of truck mixers will not be permitted.