



System Upgrades tied to internal component obsolescence

The existing fleet of the Tekran Series 3300 Mercury CEM may require upgrades due to a few, but growing, obsolete control boards within the Tekran 2537 A and S Analyzers. The Tekran 2537 A and S model Analyzers employ a Little Giant PCB board and Control Board on the temperature module for the Perm Source. These boards were originally developed ~15 years ago and are no longer available.

The 3300 Mercury CEM “Legacy” units in the field are equipped with Tekran 2537 A or S Analyzers. The issue with these Analyzers is based on possible failure of one of the obsolete boards. Failure of either of these boards will require the plant to install a new Tekran 2537 Xi analyzer thus driving a requirement for RATA at the plant, as well as leading to a potentially “Out-of-Control” regularity compliance status.

In order to avoid any “emergency” RATA or lost data due to a failure of the Tekran 2537 A or S Analyzer, Tekran is contacting each plant to propose and schedule upgrades to their existing units. Upgrades can be accomplished in either of two (2) approaches, depending on the customer’s needs:

- (1) An upgrade of the analyzer itself; or
- (2) An upgrade of the whole CEM to the 3321 CCU

Analyzer-Only upgrades can be accomplished prior to the plants scheduled RATAs. Full upgrades from “Legacy” to 3321 CCU will require more detailed site-specific assessment. This assessment will consist, at a minimum, a plant walkdown, inspection of the CEM Shelter to verify it can accommodate the installation of the CCU, identification of power and utility relocation requirements, and a detailed description of plant responsibilities prior to a Field Service Technician arriving on site.

