

Pankaj Rana

He has done bachelors in Electronics & Instrumentation Engineering (Honors). He has also done four year Diploma in Electronics & Instrumentation (Honors). Currently he is working with SGS India Pvt. Ltd. in the Electronics & Electrical Department of Consumer Testing services, & looking after the RoHS / WEEE & ELV Testing Requirement of the electrical & electronics and automobile industry in India.

Summary of Presentation

In his presentation on the “Modular RoHS / ELV (Testing & Reporting Requirements)” he briefly described the areas of specialization of his company like inspection, testing and certification and the solutions that they could offer to the Indian Component Manufacturers with regard to testing of the heavy metal content. He elaborated on modular RoHS concept which states that considering the complex process of manufacturing, it becomes necessary to have effective quality management system in place to manage the whole supply chain. He explains that there are three basic modules for RoHS, Module A, B and C. Module A includes component material testing at chemical laboratory, Module B includes technical inspection / Screening (sample test and reporting requirements), Module C includes RoHS factory inspection or audit (final certification report). He concluded with, how SGS can help the component supplier to EU for the compliance with the EU directive.