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Quality Management in Radiotracer Technology and Sealed Source Applications

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Radiotracer and sealed source applications technology for industrial processes have become important non-destructive and non-invasive tools for on-line diagnosis of process malfunctioning, optimization and predictive maintenance. The technologies have been developed and established in many countries and are used by others as a routine service activity for preventive maintenance of process columns and tanks in their local industries. The demand for the technology has found to be steadily increasing among the countries who have developed local capacity and capability. Data interpretation from radiotracer and sealed source applications are of a very key in strengthening the development of the technology and increasing its use in various industries.

The confidence by industry to use this technology (product) is enhanced if clients know that it has been thoroughly evaluated by an independent, competent accreditation body to provide the third party assurance that the inspection body is competent in all aspects to apply it. Accreditation is a formal means of determining the technical competence of inspection bodies to perform specific types of inspection. Accreditation provides a ready means for customers to identify and select reliable inspection services, suitable for their needs. Therefore, the need for inspection bodies applying the technology to establish quality management systems and the means of achieving this is discussed in this paper. It also provides a guide on how personnel certification by an accredited certification body can be implemented.

(Key words: Radiotracer, Sealed sources, Quality management, Accreditation)

Country/Organization invited to participate

Kenya

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