

Management of Training and Examination for NDT Personnel Certification (for ISO 9712 based scheme)

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For certification systems that are based on ISO 9712 and administered by a central certification body, it is essential to define and manage the processes and requirements for training providers and examination centers. Maintaining consistency and high quality for training and examination in support of the ISO 9712 standard and the relevant ISO 17024 accreditation standard should be a key responsibility of certification bodies. This presentation will review a nationally and internationally accredited certification body's approach to managing the administrative and technical requirements of training and examination, and its implementation of a structured network of Recognized Training Organizations (RTOs) and Authorized Examination Centres (AECs). The presentation will provide an overview for the adoption of standardized training and organizational requirements based on requirements as outlined in the ISO 25107 and ISO 25108 standards. For such an implementation, the certification body carries out the following key tasks: • Establishes the minimum requirements for the structured training of NDT practitioners to ensure eligibility in NDTCB personnel certification examinations; • Reviews the application from prospective training organizations to ensure it is compliant with the requirements of the certification standard. To effectively deliver a certification program, Authorized Examination Centres have to be established in different locations, however, the certification body requires assurance at all times that Authorized Examination Centres are conducting examinations correctly and consistently. A documented quality procedure, establishes the minimum requirements in terms of personnel, organization, equipment, and procedures that the Authorized Examination Centres must meet in order to qualify for initial and continued authorization to conduct examinations for the certification of NDT personnel. To support a high quality examination process, the certification body carries out the following tasks: • Prepares, supervises, and evaluates requirements for all written and practical examinations; • Authorizes and monitors a network of examination centres for all written and practical examinations. This presentation should provide valuable insights and concrete examples of management strategies and technical oversight of a network of supporting training and examination organizations, and should be highly relevant for audiences such as administrators, experts, and users involved in the field of NDT certification, training and examination.