


DOCUMENT NAME	Course Curriculum					
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ROYAL TECH TRAINING & CONSULTANCY

Method & Level	BASIC – Level 3
Course Duration - Days & Hours	8 Days - 80Hrs * (duration depends on the gap analysis)
Revision & Updated on	Rev 0- Updated on 22-12-2019

BASIC Level 3

Duration: 8days (80 Hours)

Course Overview:

The course is designed to provide guidance for preparing BASIC LEVEL 3 examination as per PCN requirements. The Basic Exam is classified in to 3 parts. These parts cover production technology, PCN GEN and Basic methods. The aim of this course is to ensure candidates understand the scope of the examination, theory concepts and procedure requirements as per CP 25. On arrival, Mock test on each part is conducted and gap analysis report is prepared based on the outcome of mock test. This will also enable candidates to identify their weak subject areas. Training duration is decided based on the weak areas and candidate requirement.

Course content

- Part A : . Materials technology and science, including typical defects in a wide range of products including castings welds and wrought products. This covers wide range of production technology and defects. welding process, its defects, casting and its defects, forging, rolling, intrusion, drawing and its defects are covered in this Part
- Part B: Qualification and certification procedure PCN GEN.
- Part C: Four NDT methods chosen by the candidate, including at least one volumetric NDT method (UT or RT). Basic concepts of each method, physics, equipment's, techniques, calibration , inspection and interpretation is covered in this topics
- End of course examinations for each part

Course objective

- 1) The objective of this Basic exam- Part A is to understand the various product forms in general industry and its defects. This part will ensure the understanding inspection method to be selected based on the product form and defects sought
- 2) The aim of Part B is to understand the general requirement of certification and qualifications exam, Different exam sections, number of question, exemptions allowed, levels of certifications, eligibility for training and exam required as per PCN GEN.
- 3) The objective of Part C : 4NDT methods is to get sufficient knowledge as a level on various methods of NDT, its equipment's, techniques, applications, selection of method depends on type of product, type of discontinuity sought