



## **Information Sheet for Candidates – PT2 (ISO 9712:2012)**

### **Instructions on Qualification Examination**

- The “Examination Guidelines” (ref: NCBNDT/INF/EC/EG) will be given separately.
- Liquid Penetrant Testing (PT) Level 2 qualification examination consists of a theory examination and a practical examination.
- Theory examination consists of two question papers i.e. General Examination Paper and Specific Examination Paper.
- For practical examination, there are two sections i.e. Section 1- Specimens, and Section 2 – Development of an NDT Instruction Writing

#### **1. Theory Examination**

Type of the Paper	General Examination Paper	Specific Examination Paper
No of Questions	40	30
Duration	2 Hours	1.5 Hours
Type of Questions	Multiple Choice Questions (MCQ) which includes 04 answers	Multiple Choice Questions (MCQ) which includes 04 answers
Content	<ul style="list-style-type: none"><li>• General Knowledge (NDT) - 05</li><li>• Physical Principles of the Test - 10</li><li>• Processing – 15</li><li>• Test Equipment and Materials - 10</li></ul>	<ul style="list-style-type: none"><li>• General Knowledge (Materials and Defects) – 08</li><li>• Codes, Standards, Procedures, and Safety - 07</li><li>• Presentation and Recording of Results - 05</li><li>• Interpretation of Results Limitations - 10</li></ul>

#### **2. Practical Examination**

**Sector:** Pre and In-service, Multi-Sector (Welds, Castings, Forgings) – Designator: PT2PI, MS

##### **2.1 Section 1- Specimens (6 Hours)**

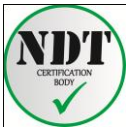
**Part 1 (2 Hours):** Welded test specimen 1

**Part 2 (2 Hours):** Welded test specimen 2

**Part 3 (2 Hours):** Casting or forging test specimen

- Carry out the PT inspection as per the given instructions and prepare a comprehensive (full) test report for each part you tested.
- An acceptance criterion is given for the interpretation and evaluation of results in each part you tested.

National Certification Body for Non-Destructive Testing - Sri Lanka		
Title: Examination Information Sheet – PT 2		Doc No: NCBNDT/INF/EX/PT 2
Date of Rev: 01-08-2021	Rev No : 01	Page : 1/2



## **Information Sheet for Candidates – PT2 (ISO 9712:2012)**

### **2.2 Section 2 – Development of an NDT Instruction Writing (2 Hours)**

Draft an NDT instruction writing for a PT Level 1 person as per the given information.

**Note:**

You may follow the following guidelines in preparing this instruction writing:

- Foreword (scope, reference documents);
- Personnel;
- Apparatus to be used, including settings;
- Product (description or drawing, including the area of interest and purpose of the test);
- Test conditions, including preparation for testing;
- Detailed instructions for application of the test;
- Recording and classifying the results of the test;
- Reporting the results.

National Certification Body for Non-Destructive Testing - Sri Lanka		
Title: Examination Information Sheet – PT 2		Doc No: NCBNDT/INF/EX/PT 2
Date of Rev: 01-08-2021	Rev No : 01	Page : 2/2