

ASNT NDT LEVEL III - LIQUID PENETRANT TESTING (PT) EXAM PREPARATION

EXAMINATION HINTS

Our ASNT Level III PT Exam preparatory course is designed to prepare you for exam success and update your professional values. Our online program covers in details and main components of the ASNT Level III PT syllabus. This preparatory course is schedule to reveal *the penetrant testing principle, equipment's and consumables, pre-cleaning, various techniques, applications, interpretation and evaluation, characterization of discontinuities, relevant definitions, sample procedures, applicable code and standard and also safety* related in PT Level III exam.

Our online ASNT Level III PT Exam preparatory course saves *your valuable time and money on travel, food and lodging expenses allows you to study at your own place*, focus on the areas you know you need most, and our multiple practice questions and final mock-up exams will make sure you know what you need to succeed in PT method.

Our ASNT Level III PT preparatory course is *interactive and engaging*. It is an easy to follow and understand format that allows you to study from anywhere you have internet access.

In all the ASNT NDT Level III Exams questions are based on multiple choice pattern only. Select one correct one answer from 4 or 5 options (A, B, C, D, E) and click the correct answer during online test. Please refer the examination coverage given in the table below and understand the importance of the topic in PT method.

Section	Number of questions asked	Min marks required to pass
Principle/Theory	35-40	70%
Equipment /Materials	30-35	70%
Interpretation/Evaluation	40-45	70%
Procedure	15	70%
Safety and Health	4 to 5	70%
Total Questions & 2 Hours	90	90 % (Target)

In PT level III examination around 1 – 2 questions are asked in problems and related to formula logical questions.

One PT procedure is given in the question booklet which may utilise for any application (AWS D1.1, API 1104, ASME Sec V, ASME B3.1/B31.3 etc..) and 15 question are asked from the given procedure.

Here the ideology is to make you understand the specific given procedure requirements in detailed. However, all 10 questions are answered based on the provided procedure and/or it specifications and some question are direct. Find the suitable correct answer from applicable clauses and few question are tricky which you have to use relevant tables or

charts, practical experience with respect to the given procedure and specification. *The procedure passing grade is at least 70 percent.*

ASNT PT Level I and II topic also covered in the level III examination. Hence candidate shall have adequate knowledge and experience in PT. (i.e understanding of the principle, equipments, applications, advantages and disadvantages of each PT techniques).

Reading of the ASNT Study Guide line by line and understanding of the concepts are sufficient for ASNT PT Exam. No need to read any extra materials for the exam purpose. If you wish to study more in details, you can refer *ASNT NDT Handbook Volume 2 Liquid Penetrant Testing* and *ASM Metals Handbook, Volume 17 PT Part* only.

Our PT Question Bank (QB) contains **around 2500 plus** which cover CP 105 2016 syllabus in PT Methods. Also we *will provide separate PT formulas and it related solved problems.*

Based on our team and experts experience, important questions are highlighted separately in PT Methods. (i.e **around 250 Questions** (which covers the entire position of PT method regarding the exam purpose) .Please go through and study our question Bank in addition to ASNT Study Guide books which is sufficient to pass PT exam without any difficulty and fear.

Examination administered for qualification should result in a passing composite grade of at least 80 percent, with no individual section having a passing grade less than 70 percent (*Refer the above table*)

Candidates have to bring an electronic calculator with a self-contained power supply. A programmable calculator is permitted as long as it does not have an alphanumeric keyboard.

Candidates who speak English as a second language will be permitted to bring a translation dictionary. No electronic dictionaries will be allowed.

Stepwise Suggestions for Reading:

1. Read the ASNT Level III Study Guide book(s) and ONDTs Level III formulated materials line by line and understand the concepts.
2. Read ASNT Questions & Answers Book and ONDTs Question Banks (QB).
3. Do the calculations and find the solutions for problem-oriented questions given in ONDTs QB and ASNT Questions & Answers Book.
4. Refer **the two (2) set of Model examination** and **very important Questions & Answers** which are highlighted by ONDTs team/expertise and clear the exam easily and upgrade the professional career.

ASNT Level 3 - PT Studies materials list

S.No	Description	Issued by
1.	ASNT PT Level 3 study guide	Direct
2.	ASNT supplementary PT Q & A	Direct
3.	ASNT Hand book Volume 17 PT Part	Direct
4.	ASNT PT Hand book Volume 2	Direct
5.	PT Syllabus comply with CP 105	Direct
6.	PT Definitions	Only view
7.	PT Short Notes	Only view
8.	Master Question Bank (4000+)	Only view
9.	Model Examination Paper (3 set)	Protected
10.	Very Important Questions	Protected
11.	Online/class room training based on request by candidate	To be arranged
12.	Reference material if required	Supporting
13.	Applicable PT codes	Supporting
14.	Sample PT procedures	Supporting
15.	PT PPTs, Videos for presentation if required	Direct
16.	PT Additional books if required	Direct

ASNT LIQUID PENETRANT TESTING (PT) LEVEL III EXAMINATION - TOPICAL OUTLINE

This examination is 2 hours in length, having 90 questions of equal value and following contents are covered in the examination.

- Principles/Theory
- Principles of liquid penetrant process
- Theory
- Proper selection of PT as method of choice
- Liquid penetrant processing
- Equipment/Materials
- Liquid penetrant test units
- Methods of measurement
- Lighting for liquid penetrant testing
- Materials for liquid penetrant testing
- Testing and maintenance of materials
- Interpretation/Evaluation

- General
- Factor affecting indications
- Indications from discontinuities
- Relevant and Nonrelevant indications
- Procedures
- Liquid penetrant testing procedures, codes, standards and specifications
- Safety and Health
- Toxicity
- Flammability
- Electrical hazards
- Personnel protective equipment
- Right to know (MSDS)
- Disposal of used materials

Please feel free to contact us for any help.

Cheers & all the best for your effective planning and exam

With Regards

S. Vibin Kumar M.Tech NDT

ASNT NDT Level III in RT, PT, MT, PT, VT & ET

ISO 9712 NDT Level III in PT, PAPT, TOFD, RT, PT, MT, PT, VT & ET

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