

## Who Should Attend:

*Welding /  
Production  
Supervisors;  
Welders; NDT  
Technicians; QC  
Inspectors;  
Mechanical  
Engineers; Quality  
Managers,  
Supervisors.*

Language ability:  
*English*

Educational level:  
*Min. O-Level*

Learning Style:  
*Classroom Training  
& Practical*

Entry Requirements:

*Age: 18 years and  
above*

Organization

Experience:

*Minimum 12 months*



## About This Course:

Enhance your expertise in Penetrant Testing for critical and high-reliability industrial applications. This advanced course is designed for experienced inspection personnel who wish to deepen their understanding of penetrant testing processes, interpretation of complex indications, and evaluation to international standards. Participants will develop advanced skills in technique selection, result analysis, and professional inspection reporting.

## What You'll Learn

This course will teach you the duties and responsibilities of a PT inspector including,

- Advanced penetrant testing principles
- Selection of penetrant systems and techniques
- Process control and sensitivity requirements
- Interpretation of complex and borderline indications
- Evaluation to international codes and standards
- Advanced inspection procedures
- Professional technical report preparation

## Learning Unit:

LU1: Introduction to Liquid Penetrant Testing

LU2: Principles and Properties

LU3: Equipment and Material

LU4: Surface Preparation and Penetrant Application

LU5: Emulsification, Penetrant Removal and Developer Application

LU6: Evaluation and Material Control

LU7: Types of Discontinuities

LU8: Safety Precautions



## Assessment & Certification

- Assessment Method: Written test and practical assessment
- Accreditation: WSQ / SSG accredited

## Certificate Obtained and Conferred by:

Participants who complete course with at least 75% attendance and demonstrate competency during assessment will receive a Certificate of Completion by Cutech Training Center and a WSQ Statement of Attainment (SOA) issued by SkillsFuture Singapore.

## Course Fee & Funding

FULL FEE	SELF-SPONSOR		COMPANY SPONSOR	
	NORMAL	MCE (Mid-career Enhanced Subsidy)	MNC COMPANY (Normal)	SME COMPANY (Enhanced Training Support for SMEs)
For Singapore Citizens / PRs / Foreigners	For Singapore Citizens* <i>Aged between 21 and 39 Yrs</i> For Singapore PRs <i>Aged 21 Yrs &amp; Above</i>	For Singapore Citizens* <i>Aged 40 Yrs &amp; above</i>	For Singapore Citizens / PRs <i>Aged 21 Yrs &amp; Above</i>	For Singapore Citizens / PRs <i>Aged 21 Yrs &amp; Above</i>
<b>S\$ 1200</b> <b>+ S\$ 108 (9%GST)*</b>	<b>S\$ 600</b> <b>+ S\$ 108 (9%GST)*</b>	<b>S\$ 360</b> <b>+ S\$ 108 (9%GST)*</b>	<b>S\$ 600</b> <b>+ S\$ 108 (9%GST)*</b>	<b>S\$ 360</b> <b>+ S\$ 108 (9%GST)*</b>

## Course Duration & Schedule

- ✓ Total Duration: **45 Hrs**
  - Theory: 20 hours
  - Practical: 20 hours
  - Assessment: 5 hours
- ✓ Schedule:
  - Full-Time : 08:30am to 05:30pm
  - Part-Time : 06:00pm to 10:00pm
- ✓ Mode of Training : Class-room

### Funding Notes:

- ✓ SSG funding is applicable to eligible Singapore Citizens / PRs and subject to meeting attendance and assessment requirements.
- ✓ Absentee Payroll (AP) Funding available for eligible SMEs.
- ✓ Mid-Career Enhanced Subsidy (MCES) may apply.
- ✓ The GST amount is payable for the full course fee before any grant is applied
- ✓ CUTECH reserves the rights to amend any details relating to the programme without prior notice

### Additional Information:

Go to <https://training.cutechgroup.com> under useful Links for **Post-course support**, Technical Support, **Refund / withdrawal policy**, Course Material and **payment information**.

### Course Date & Contact:

- Registration Link / QR Code:  
<https://training.cutechgroup.com/schedule>
- Myskillsfuture reference link : [click here](#)
- Phone: +65 8890 9062, +65 9758 3097, +65 6262 6614
- Email [training@cutechgroup.com](mailto:training@cutechgroup.com)



Get Certified - Upskill and Reskill for Career Growth!