



Specialist Development

IPC/WHMA-A-620 (CIS) Requirements and Acceptance for Cable and Wire Harness Assemblies (Physical Training)

Certified IPC Specialist

IPC/WHMA-A-620 is the first industry standard for cable and wire harness fabrication and installation. The Operator program is modularized to allow for maximum flexibility to meet individual needs. This training will familiarize the student with the general requirements of the IPC/WHMA-A-620 Requirements and Acceptance for Cable and Harness Assemblies, and concludes with a qualifying examination.

OBJECTIVES:

Upon successful completion of this training program participants will be certified as Application Specialists. With this portable credential, you'll receive immediate recognition and value throughout the Electronics Industry.

- Reference the IPC/WHMA-A-620 standard to make acceptable/reject decisions
- Interpret terminology and their definitions
- Successfully pass the written exam with an 70% or better

COURSE STRUCTURE

Module 1 – (required)

Introduction/IPC Professional Policies and Procedures (section 1); Foreword and Applicable Documents (section 2); Cable/wire preparation (section 3); Measuring Cable Assemblies (section 11); Testing Cable Assemblies (section 19)

Module 2 – (optional)

Crimp Terminations (section 5) and Insulation Displacement Connections (section 6)

Module 3 – (optional)

Soldered Terminations (section 4)

Module 4 – (optional)

Connectorization (section 9) and Molding/Potting (section 10)

Module 5 – (optional)

Splices (section 8)





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Module 6 – (optional)

Marking/Labeling (section 12); Wire Bundle Securing (section 14); Shielding (section 15); Protective Coverings (section 16)

Module 7 – (optional)

Coaxial and Twinaxial Cable Assemblies (section 13)

Module 8 – (optional)

Solderless Wire Wrap (section 18)

OBJECTIVE:

Satisfactory completion of this course:

- Successfully pass Modules 1 & 2 with an average score of 70% or better
- Successfully pass Modules 3-8 with a score of 70% or better

WHAT THE “LEARNER” RECEIVES:

- IPC/WHMA-A-620 Standard
- IPC “Application Specialist” (CIS) Certificate

Prerequisite : None
Certification Length : 24 months
Class Length : 4 Days (1st – 4th July, 2024)
Time /Venue : 9.00 a.m. to 5.00 p.m./ Techment Consultancy Sdn Bhd
Course Fee : RM 6,550+8% SST (RM 524.00) = RM 7,074.00 Pax
Certification Length : 24 months
**Quote price valid until end of March, 2024*



BLACKFOX

Jointly organized by Black Fox and Techment Consultancy Sdn Bhd

701 Delaware Ave. Unit B Longmont, CO 80501 303.684.0135 1.888.837.9959 fax 303.485.5504 & 17-2-4, Bayan Point, Medan Kampung Relau, 11900, Bayan Lepas, Penang, 604-644 6061 or www.techment.com.my or www.blackfox.com



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(Physical Training)

Date : _____

1. Name: _____ Position: _____
2. Name: _____ Position: _____
3. Name: _____ Position: _____
4. Name: _____ Position: _____
5. Name: _____ Position: _____

Contact Person: _____
Position : _____
Tel : _____
Email : _____
Company : _____
Address : _____

Cheque : Payment by cheque should be crossed and made payable to **Techment Consultancy Sdn Bhd** being payment for _____ participant(s).

For enquiries, please call Maslina ZA:

Tel: 04-6446061

Email: Maslina@techment.com.my

Booking and Cancellation Policy:

1. Course numbers are limited to a maximum of **10 people** only.
2. Places are allocated in order of receipt of registration form along with the full course fee. A place cannot be confirmed unless fees are paid or prior arrangements have been made.
3. Upon confirmation of program, all payment from overseas should be wired to:
Techment Consultancy Sdn Bhd
17-2-4, Bayan Point, Medan Kampung Relau, 11900, Bayan Lepas, Penang.
Hong Leong Bank
Current account no: 054-00-04559-8
Swift Code: HLBBMYKL
4. **Techment Consultancy Sdn Bhd** reserves the right to cancel/postpone courses in the event of unforeseen circumstances. Every effort will be given to ensure nominees for courses are placed on the next available course.

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Course Leader's Profile

Mr. Ooi Cheng Keat
(IC #: 521029-07-5289)

Ooi Cheng Keat, commonly addressed as **CK Ooi**, has more than 30 years of experience in the electronics industry from manufacturing processes to management skills development. He is certified Master Instructor Trainer (MIT) for **BlackFox Training Institute**.

He has extensive experience in delivering a variety of operational and management development workshops when he was the Regional Learning and Development Director in an MNC in Prai, Penang.

The programs delivered by Ooi Cheng Keat include :

IPC 610 Certified Trainer (CIT), Certificate Standard Expert (CSE), Certified Specialist (CIS), **IPC/WHMA 620 Certified Trainer (CIT), Certificate Standard Expert (CSE), Certified Specialist (CIS)**,

Poka Yoke, Problem Solving & Decision Making, 8-D Problem Solving, Hands-on Soldering and Reworking skills, Presentation Skills, Interpersonal Communication Skills, Managerial Development workshops, Project Management, Train-the-Trainer workshops and other operations and line GMP related training.

After graduated in high school in early 1970s, he obtained the Diploma in Management (MIM) and started his working career. In 1990, he obtained the Diploma in Life Office Management Institute (LOMA). He is a certified IPC Trainer, Certified in KT PSDM facilitator and DDI certified facilitator.

He is a Certified Pembangunan Sumber Manusia Berhad (PSMB) Trainer (Certificate Number : TTT/2117) and is a PSMB registered Training Provider. Other certifications include : DDI Certified Instructor and KT Problem Solving & Decision Making Facilitator. He was The Master IPC trainer (MIT) when he was under employment, where the company is an authorized IPC Training Centre.

Ooi Cheng Keat started his career in Intel in the mid 1970s as Production Supervisor and working his way up in the industry. In 1991, he was hired by Solectron, a new start-up MNC in Prai, to head the Learning and Development (L&D) Department. He set up the learning and development structure and delivered training programs and developed training resources to meet the growing needs of the company. He has been in the L&D function since 1991 till 2009. At the end of 2007 when Flextronics acquired Solectron, Ooi Cheng Keat was tasked as L&D Director for Asia where he was responsible for the learning and development needs of Asia Region. He gained his regional exposure of rolling out training programs across the sites in the Asia region

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and the opportunity of working with multi-culture workforce in China, Malaysia Singapore, and India.



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