



Surge Protection, Earthing System and Lightning Protection

Workshop

Organized By:

Co-organized By:



Date: 29th October 2015 | Time : 9.00 am to 1.00 pm | Venue : Covis Training Center

Registered By:

PSMB
APPROVED TRAINING
PROVIDER
CLASS A
(Serial No: 1631)

MINISTRY OF FINANCE
(MOF No: 357-02054304)



Surge Protection, Earthing System & Lightning Protection Workshop

Overview

The purpose of this workshop is to give the exposure to a few topics on the Surge Protection, Earthing System and Lightning Protection which we know that poor earthing practice can be the cause of continual and intermittent difficult-to-diagnose problems in a facility. In order to reduce and avoid an expensive down time on your plant and equipment to a minimum, this workshop is deemed as these issues are vitally essential from a fresh yet practical perspective. This workshop is designed to clarify the subject of earthing and surge protection and it is presented in a clear, straightforward manner. In addition to that, essentially this workshop is broken down into earthing, grounding and surge protection for both power and electronics systems.

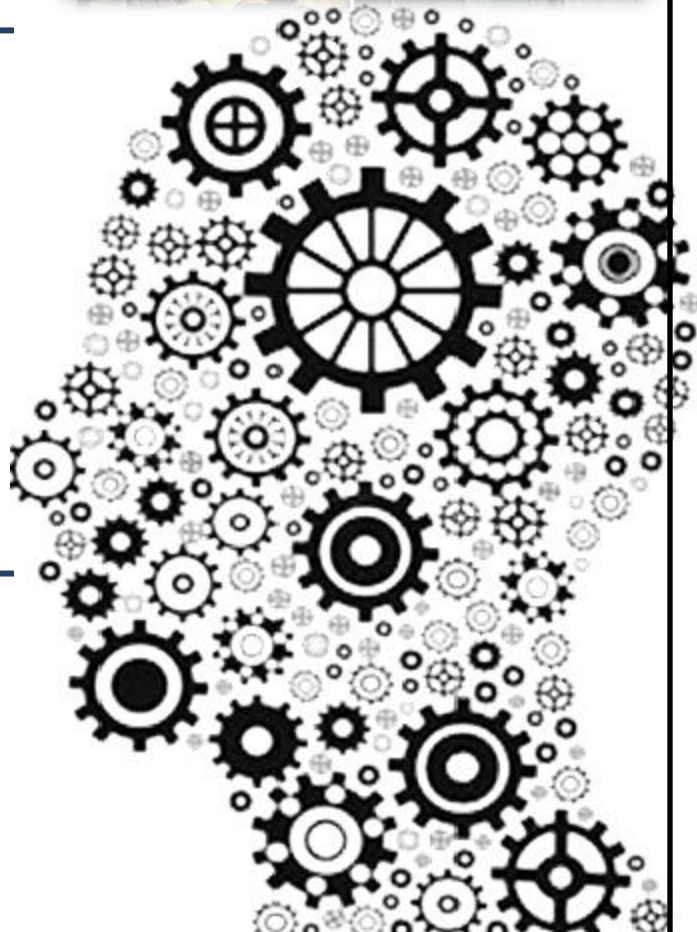


Objective

- To understand main concepts of grounding of power system.
- To discuss how to design and install the grounding grids for different purposes.
- To know how to select, calculate; connect the grounding system for different purposes
- To know how to make grounding for cables , motors and generators
- To know how to protect electrical and electronic system against lightning

Who Should Attend?

- Electrical power engineers
- Plant Electrician
- Building Electrician
- Building Engineer
- Design Engineer
- Installation Technicians
- Maintenance Technicians
- Environmental Health & Safety Personnel



Workshops Contents

Content

- ✓ What is Grounding?
- ✓ Earthing Test
- ✓ Testing Methods
- ✓ Lightning Protection System
- ✓ Unprotected Structure & Protected Structure
- ✓ Types of Lightning Rod
- ✓ Case Study- Earthing Improvement Work
- ✓ Power Quality Strategy
- ✓ Problems & Causes by Power Surges
- ✓ Lightning Protection System
- ✓ Testing Methods
- ✓ Recommended Solution to resolved 90% of power problems caused by transients, spikes and noise?



“Electricity is really just organized lightning”- George Carlin

Registration Procedures

In order to participating the workshop, please register by e-mail to siewlam.quek@covis-group.com along with duly filled in **Registration Form (Sales Contract)** on or before 28th October 2015. Due to limited number of seats the selection of participants will be entirely based on first come first served basis.

For More Information Contact:

Ms. Quek Siew Lam

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Email : siewlam.quek@covis-group.com

Organized By:



**Mission Critical Facilities
Design and Construction**

Covis Sdn Bhd

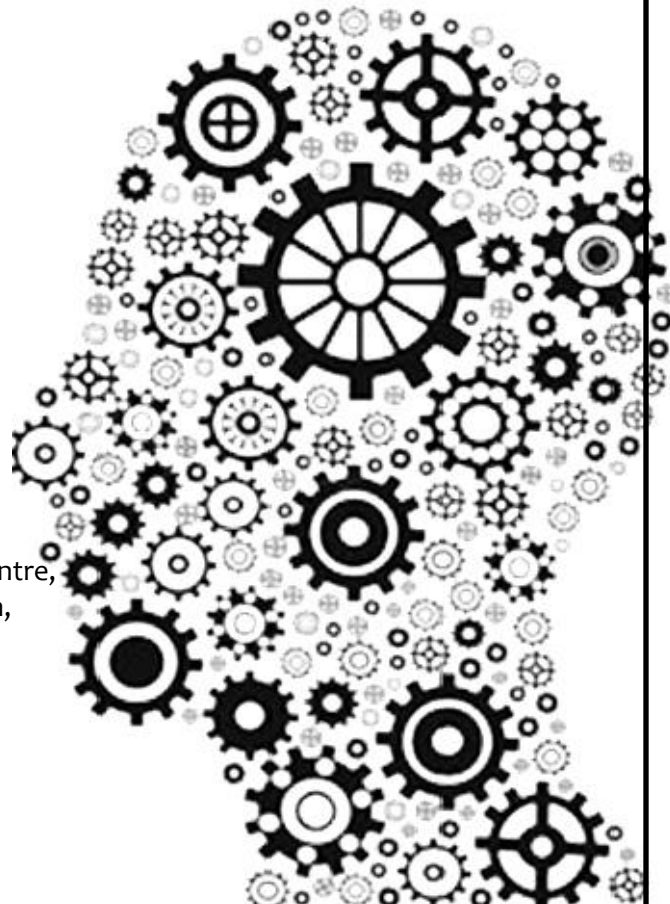
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Email : info@covis-group.com

Website : www.covis-group.com

Facebook: www.facebook.com/covis-sdn-bhd



Registration Form (Sales Contract)

<div>WORKSHOP FEE</div> <div>RM 198/ PAX</div> <div>Inclusive of 6% GST For group registration, please contact us for group discounts.</div>	<div>PARTICIPANTS INFORMATION</div> <table><tr><td>Name</td><td></td></tr><tr><td>Email</td><td>H/P No.</td></tr><tr><td>Designation</td><td></td></tr><tr><td>Department</td><td>Vegetarian Yes / No</td></tr></table> <table><tr><td>Name</td><td></td></tr><tr><td>Email</td><td>H/P No.</td></tr><tr><td>Designation</td><td></td></tr><tr><td>Department</td><td>Vegetarian Yes / No</td></tr></table> <table><tr><td>Name</td><td></td></tr><tr><td>Email</td><td>H/P No.</td></tr><tr><td>Designation</td><td></td></tr><tr><td>Department</td><td>Vegetarian Yes / No</td></tr></table> <table><tr><td>Name</td><td></td></tr><tr><td>Email</td><td>H/P No.</td></tr><tr><td>Designation</td><td></td></tr><tr><td>Department</td><td>Vegetarian Yes / No</td></tr></table>	Name		Email	H/P No.	Designation		Department	Vegetarian Yes / No	Name		Email	H/P No.	Designation		Department	Vegetarian Yes / No	Name		Email	H/P No.	Designation		Department	Vegetarian Yes / No	Name		Email	H/P No.	Designation		Department	Vegetarian Yes / No
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<div>MODE OF PAYMENT</div> <div>Cheque or bank draft in favour of:</div> <div>COMFORI SDN.BHD. E-02-03, East Wing, Subang Square Business Centre, Jalan SS15/4G, 47500 Subang Jaya, Selangor, Malaysia</div> <div>Payment Via: <input type="checkbox"/> Cheque by post/courier <input type="checkbox"/> Tele-Transfer <input type="checkbox"/> Deposit into Our Account</div>	<div>COMPANY INFORMATION</div> <table><tr><td>Company</td><td></td></tr><tr><td>Address</td><td></td></tr><tr><td>Contact Person</td><td>H/P No.</td></tr><tr><td>Tel</td><td>Fax</td></tr><tr><td colspan="2">Signature / Company Stamp</td></tr></table>	Company		Address		Contact Person	H/P No.	Tel	Fax	Signature / Company Stamp																							
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