Why Determine the Soil Resistivity?

Soil Resistivity is most necessary when determining the design of the grounding system for new installations (green field applications) to meet your ground resistance requirements. Ideally, you would find a location with the lowest possible resistance. Poor soil conditions can be overcome with more elaborate ground systems.

The soil composition, moisture content, and temperature all impact the soil resistivity. Soil is rarely homogenous and the resistivity of the soil will vary geographically and at different soil depths.

Moisture content changes seasonally, varies according to the nature of the sub layers of earth, and the depth of the permanent water table. Since soil and water are generally more stable at deeper strata, it is recommended that the ground rods be placed as deep as possible into the earth, at the water table if possible. Also, ground rods should be installed where there is a stable temperature.

Agenda

10.00 am	Registration
10.15 am	Welcoming Speech by Enviroterm
10.30 am	Presentation by Maxime Bariller
11.15 am	Tea break
11.30 am	Energy Tools Hands-On Demonstration
12.30 pm	Question & Answer Session
1.00 pm	Closing Ceremony

Who We Are

About Enviroterm

Enviroterm Sdn Bhd with its presence over 20 years, is well known in supplying test and measuring instruments for environmental studying, energy measuring electricity/heat consumption monitoring, and other advanced technologies that require precision and reliability. In pursuing for excellence, Penang and Johor branch were set up to cater our northern and southern partners respectively.

"Customer's Success is Our Success"

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FUNDAMENTAL OF POWER ENERGY QUALITY AND RESISTIVITY

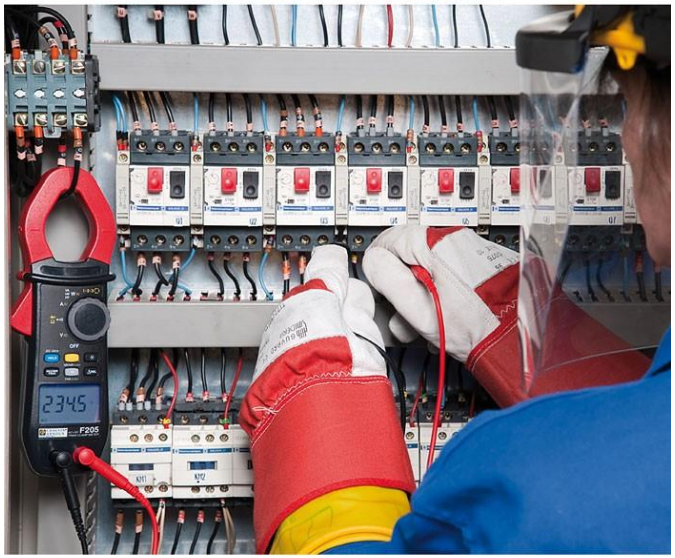
Date: ***16th May 2017, Tuesday***

Time: ***10am – 1pm***

Venue: ***Enviroterm Sdn. Bhd. Seri Kembangan***

Introduction

“Energy Management” is a term with a number of central part of any energy management initiative. It is the key for energy efficiency in a certain organization. Lack of proper commissioning and monitoring will affect costs, emission targets, and even involve legislative actions – all if which leads to compelling reasons why you should get the proper power quality appliances. This seminar will help you learn how to detect and prevent power quality problems with the right tools and knowledge from Chauvin Arnoux.



Energy Resource Center

Managing energy efficiency in your facility can save money. Conducting an energy inspection can reduce energy costs by up to 25%. Learn how to identify and quantify energy waste in your facility resources from Chauvin Arnoux.

Insulation Resistance Testing

How significant is insulation resistance testing? Since 80% of electrical maintenance and testing involves evaluation insulation integrity, the answer is “very important.” Electrical insulation starts to age as soon as it’s made. And, aging deteriorates its performance. Harsh installation environments, especially those with temperature extremes and/or chemical contamination, cause further deterioration. As a result, personnel safety and power reliability can suffer. Obviously, it’s important to identify this deterioration as quickly as possible so you can take the necessary corrective measures.

Maxime BARILLER Technical Engineer – Chauvin Arnoux and Metrix

Born and raised in La Garenne Colombes, France, Maxime completed his degree in Measurement Systems Engineering and applied business in Polytech Lille School, France. Maxime serves as a Technical Engineer in Chauvin Arnoux. He is responsible for the commercial development in Czech Republic, Slovakia, and Southeast Asia.

What Will You Gain?

- Hands-on experience using Chauvin Arnoux tools
- Real-world applications and examples
- How to select the right tools for your application
- Certificate for Fundamental of Power Energy Quality and Resistivity.