

**Regional Workshop at the University of Mauritius on the theme of  
“Corrosion: les problèmes et les méthodes de protection.”**

Venue: Engineering Lecture Theatre 2, Ground Floor, Engineering Tower, University of Mauritius, Reduit.

Dates: Wednesday 10<sup>th</sup> to Friday 12<sup>th</sup> June 2009 (3 days)

Time: 9.00 hrs to 16.00 hrs (daily)

Medium of delivery: French

Registration Fee: Rs 15,000 per participant (local)

**The Workshop is already MOA Approved.**

***Introduction***

Corrosion is a major wear and deterioration problem and it affects metals as well as non-metals. Corrosion is a potent force which destroys economy, depletes resources and causes costly and untimely failures of plants, equipment and components. Corrosion problems occur in various fields and affect a very large array of industries and assets, namely, structural engineering (including steel structures, transmission and communication towers), buildings (including concrete) and the construction industry, underground pipes (sewage, water and other utilities), motor vehicles, aircrafts, manufacturing plants, port and airport facilities, road and the transport industry, earth moving equipment, ships and marine industry, see food industry, pharmaceutical industry, food processing plants, textile and dyeing plants, sugar factories, electricity generation and thermal power plants, filtering plants, water and wastewater pumping stations, bioengineering industry, etc.

***Objective***

**The objective of the workshop is to provide an in depth knowledge on the mechanisms of corrosion phenomena, and a deep understanding on the practical methods of combating the various corrosion problems. The emphasis of this workshop will be on the practical solutions that can be developed for different types of corrosion problems.**

This workshop will also provide a good opportunity to create a network of professionals with a view to sharing practical knowledge gathered in the field of corrosion. It is important to note that the problem of corrosion has a direct impact on the maintenance strategy, and its related costs. In this respect it is vital to define proper mechanisms and safeguarding systems to mitigate and even eliminate the corrosion problems.

This will help in optimizing on the use of available resources such as manpower, materials, material- handling systems, infrastructure and methods of operation. The resulting effect will be a reduction in the operation or production/manufacturing costs, as well as an improvement in the effectiveness and efficiency of the systems and processes.

### ***Targeted Audience***

The targeted audience of the workshop includes engineers, academics, technical managers, production & operation managers, maintenance managers, project managers, head of engineering section, technicians/senior technicians, field officers/senior field officers, designers, etc.

### ***Additional Details***

The workshop will be delivered in French, and will consist of lectures and group discussions with respect to case studies.

The participants will be awarded a certificate of attendance at the end of the workshop.

The fees include a welcome pack, course materials, lunch and tea breaks for the 3 days.

Deadline for Registration: **Friday 10<sup>th</sup> April 2009**.

### ***Contact Person:***

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