



2009' IZA General Galvanizing Courses

Ambassador Hotel, Shanghai

23-24 May, 2009

Two general galvanizing training courses, organized by International Zinc Association (IZA), will be held in Shanghai, P.R. China on May 23-24, 2009. One course provides a global overview of the hot-dip galvanizing industry and is intended for managers and executives of the hot-dip galvanizing industry in China and abroad. The second course will focus on hot-dip galvanizing plant organization, the latest process technology and quality and is targeted at technical staff and engineers. The courses are free for IZA Members. Other galvanizers are invited to attend and to become IZA members. Course languages are English and Chinese.

Course 1: Senior Management Training Course

This course is intended for management level of hot dip galvanizing companies, in order to provide them with worldwide technical information and current situation of hot dip galvanizing industry. The purpose of this course is to give a global and complete overview of hot-dip galvanizing industry, in terms of market strategy, technical development trend, and new training system.

Topic1: *Promoting the development of hot dip galvanizing industry- IZA activities in China*

Stephen Wilkinson

Brief introduction of the IZA and the IZA activities in China.

Topic2: *The general galvanizing industry world-wide*

Rob White

Batch hot dip galvanizing protects over 25m tonnes of steel a year. A short analysis of the major markets and world trends will be given. Some market information on the paint industry will also be provided.

Topic3: *Tours around general galvanizing plants - videos*

Rob White

The IZA has supported the general galvanizing industry for many years. A short presentation will be given which will include some videos of various plants world-wide.

Topic4: *Strategic marketing in general galvanizing-Valmont experience*

Hao Lu

Topic5: *Comparison with the abroad and domestic hot dip galvanizing companies*

Linlong Zhu

Several big general galvanizing companies will be introduced. A comparison between the abroad and domestic companies from technologies, production effectiveness, cost controlling, labour effective and environmental aspects will be carried out for reference of decision-making of Chinese galvanizers.

Topic6: Risk management

Fang Jianping

Topic7: Plant designs-foreign & China experiences

Rob White

The need for pollution control and operator efficiency has resulted in some changes in plant designs. These will be highlighted through various examples.

Topic8: Analysis on the zinc market in 2009

Annette Huang

Topic9: Introduction to IZA Training Program

Gary Kong

A New training tool is developed by IZA for plant operators, covering standard operating processes, best practices, quality control, waste and energy management, and health and safety requirements. This training tool is easy to use and can be internationally recognised.

Topic10: zinc recycling

Ricky Lam

Course 2: Galvanizing Course for Senior Production Management

This course is intended for foremen, salesmen, quality inspectors, technical engineers and production managers, in order to provide them with advanced knowledge about plant integrated technical management. The purpose of this course is to give a global and complete overview of a hot-dip galvanizing plant, in terms of organisation, process and quality.

Topic1: Why galvanize – corrosion and benefits of general galvanizing

Rob White

A short introduction will be given on why we need to protect steel and the benefits of using hot dip galvanizing to do this

Topic2: Basic plant layouts

Rob White

After showing the overall process of galvanizing, a short introduction will be given to trends in the way that the process stages are arranged in a plant and a description of the benefits will be given

Topic3: Materials handling in a galvanizing plant

Rob White

Hot dip galvanizing, like many processes requires careful materials handling to ensure good quality and safety of personnel. The process of jigging will be covered in detail.

Topic4: Chemical pre-treatments – degreasing, pickling, fluxing

Gary Kong

An emphasis will be put on an integrated and organic view of chemical pre-treatments of the hot-dip galvanizing process, and in particular on Best Practices in degreasing, pickling and fluxing.

Topic5: The galvanizing process (kettle management)

Gary Kong

An emphasis will be put on zinc bath composition and kettle management. Best practices on lowering zinc consumption and getting the longer service life of kettle will be introduced.

Topic6: *Health and safety - video*

Gary Kong

A new look on an old topic: health and safety in the hot-dip galvanizing process. To train participants about all the possible risks in the hot-dip galvanizing process, considering current regulations about Health and Safety at work.

Topic7: *Inspection of finished articles*

Gary Kong

To show participants the typical defects which can be found in a hot-dip galvanizing coating, because recognizing defects is fundamental to reach the highest quality level of the galvanized product. Participants will also learn how to relate with Customers in case of defects of the product according to the National or international standards.

Description for Registration Fees for the Training Courses

The training courses are free for all IZA Members. The registration fee for those delegates that are non-IZA member is as follows:

Course 1: Senior Management Training Course: RMB 1,250/person;

Course 2: Galvanizing Course for Senior Production Management: RMB950/person;

Special offer for those delegates who will attend both the above courses: RMB1,800/person.

Further information and registration:

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