



**THE ROYAL INSTITUTION OF
NAVAL ARCHITECTS**



One Day Training Course

MARINE COATINGS - RISK MANAGEMENT

27 January 2012, London, UK

Presented by Safinah Ltd



INTRODUCTION

The failure of marine coatings can lead to significant in-service costs for owners and operators of marine vehicles (ships and offshore structures). A good understanding of the problems that can result in coating failure is essential if the risks associated with marine coatings are to be avoided or mitigated and coating in service performance improved hence reducing operating costs through life and the potential for claims.

Marine Coatings – Risk Management is a one-day course for all maritime professionals in who are involved in managing risk associated with marine coatings - legal advisors, insurance claim managers, P&I Club claim advisors, ship superintendents and coating professionals and of course naval architects, marine engineers. No previous knowledge of coatings and the processes involved is required.

ABOUT THE COURSE

Marine Coatings – Risk Management will provide an introduction to marine and offshore coatings, key risks that are present in coating selection and in service performance, and guidelines as to how these risks can be mitigated or understood. It will focus on the key areas of fouling prevention, corrosion prevention and cargo carriage, and will address both new construction stage and in service needs. The aim of the course will be to provide adequate knowledge to ensure that work is undertaken properly to eliminate the major causes of coating failure.

On completion of the course, the maritime professional will be familiar with basic coating terminology and risks, understand how these risks can be assessed and/or mitigated, and in the event of a coating failure understand the basic procedures required to assess the cause of the failure and the validity of any claim for compensation.

Marine Coatings – Risk Management will cover the following topics and include a number of case studies:

- Overview of coating ships
- Why paint fails
- Where it starts – The specification and contract
- The needs of the ship owner and the shipyard
- The role of the paint supplier
- Maintenance and repair
- The guarantee

COURSE PROGRAMME

0830 – 0900 Registration

0900 – 0930 Course overview - a basic introduction to the key vessel areas and the typical coating schemes that are applied to them - how coatings are currently specified - the weaknesses in the current approach.

0930 – 1015 Overview of coating - the main causes of coating failures and how they manifest themselves - the need for careful sample collection and analysis - basic analytical tools and techniques will be introduced.

1015- 1030 Coffee

1030 – 1115 Why paint fails - the main causes of coating failures and how they manifest themselves - the need for careful sample collection and analysis - basic analytical tools and techniques will be introduced

1115 – 1200 The specification- where it starts – the needs of a proper paint specification - current methods of selecting/specifying coatings - factors to be considered in assessing the risk of a given specification

- 1200 – 1230 The needs of the ship owner and the shipyard - key objectives of owners and yards how these may conflict - how these may add to the risks involved and how they can best be managed
- 1230 – 1315 Lunch
- 1315 – 1400 The role of the paint supplier - popular misconceptions identified - the need for proper recording of the coating process to allow proper investigation of any subsequent failures
- 1400 – 1430 Maintenance and repair – from new build stage through to dry-docking and on board crew or riding squad maintenance - what is expected through life in terms of maintenance and repair - how any work carried out can influence the in service performance of the coating
- 1430 – 1445 Coffee break
- 1445 – 1530 The guarantee - what does the typical paint guarantee include/exclude - the role of insurance backed paint guarantees - examples of costs of failure - the need for careful consideration of guarantee terms and conditions
- 1530 – 1700 Case studies - examples of actual case studies for all key sectors e.g. ship, offshore, yacht, representative of the likely problems seen in the field and handled as claims- discussion of delegates' experience of failures.
- 1700 – 1730 Course review

ABOUT SAFINAH LTD

Safinah Ltd is a unique consultancy with a comprehensive understanding of all aspects of coatings in the marine, protective and offshore industries. Its expertise in the field of marine coatings is recognised internationally and it has worked on many cases of coating failure for shipyards, ship owners/operators and insurance companies.

VENUE & ACCOMMODATION

The venue for the training programme is the Weir Lecture Hall, RINA HQ, 10 Upper Belgrave Street, London, SW1X 8BQ, UK.

Accommodation can be booked through HotelsCombined.com, the world's largest hotel price comparison Website. An exclusive 10% rebate is given to hotels booked via their website for all attendees. <http://www.hotelscombined.com/City/London.htm>

For more information on the rebate program visit: http://www.HotelsCombined.com/Conference_Support

CONTINUING PROFESSIONAL DEVELOPMENT (C.P.D)

C.P.D. Certificates of Attendance will be issued at the event, which contribute towards the Institution's requirements for Continuing Professional Development. For further details regarding C.P.D, please contact Giuseppe Gigantesco, Director of Professional Affairs on Tel: 44 (0)20 7235 4622 or via email at: profaffairs@rina.org.uk.

CANCELLATION CHARGES

Cancellations received in writing one month before the event takes place will be subject to an administration charge of £200+VAT. Cancellations received after this time cannot be accepted and are subject to the full event fee. Delegates may be substituted; however this must be sent in writing and confirmed with the Conference Co-ordinator. In the event of cancellation of the programme for any reason, our liability is limited to the return of the registration fee.

*If you have any questions regarding this or any other RINA event, please contact Amber Williams;
Tel: 44 (0)20 7201 2401, Fax: 44 (0)20 7259 5912
Email: conference@rina.org.uk*

www.rina.org.uk/events_programme

REGISTRATION FORM MARINE COATINGS – RISK MANAGEMENT

27 January 2012

To register complete ALL sections of the form below and return it to:
RINA, 10 UPPER BELGRAVE STREET, LONDON SW1X 8BQ, UK
 By fax on: +44 (0)20 7259 5912 or e-mail: conference@rina.org.uk

Title (Dr, Mr, Mrs, Eur Ing)	First Name:
Surname:	
Position:	
Company:	
Address & Postcode:	
Telephone:	Fax:
Email:	RINA Membership No.

Please indicate where you heard about this event _____

Do you wish to be notified about future events ☐

Please indicate if you are a member of RINA ☐

REGISTRATION FEE includes a bound training manual, lunch and refreshments.

REGISTRATION FEE	TOTAL
RINA MEMBERS:	£450 + VAT* £540
NON-MEMBERS:	£500+ VAT* £600

*VAT: Under UK Customs and Excise regulations delegates from all countries are required to pay VAT on any course taking place in the UK. Delegates from outside the UK may be entitled to reclaim this costs.

Please indicate your preferred method of payment.

(Please note RINA requires payment before the conference date)

- ☐ I enclose a cheque/Eurocheque for £ _____
- ☐ Please send me an invoice for £ _____
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Payment must be made in pounds sterling by Eurocheque, cheque drawn on a bank with a UK branch address, credit card (VISA/Access/Mastercard) or bank transfer. Account Name: The Royal Institution of Naval Architects. Account Number: 10042127. Account Code: 160016. Bank Address: Royal Bank of Scotland PLC, Belgravia Branch, 24 Grosvenor Place, London. SW1X 7HP, UK.