

MARINE
SURVEYING
ACADEMY



Registered Marine Coatings Inspector Qualification



INTRODUCTION



An Introduction to the RMCI Qualification

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Version 4

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INTRODUCTION

What is the Role of the Marine Coatings Inspector?

1. To know and act upon the specific characteristics of superyacht coatings compared to other vessel types.
2. Contribute to driving forward quality on coatings selection, application and performance levels.
3. To inspect and monitor the process and environment during coating projects.
4. To verify conformity between delivery and contract by carrying out detailed surveys.
5. To provide clients with an independent inspection report on the coating system applied to the yacht, i.e. conformity to parameters agreed between the different stakeholders in the process.
6. To cooperate with all stake holders in ensuring a defect-free application is executed in the best interest of the Yacht's Owner.
7. To provide clients with an independent assessment of both performance and visual appearance and – above all- conformity with the agreed standards.

Who does the Marine Coatings Inspector work for?

1. Yacht and ship owners or their representatives
2. Paint companies
3. Insurance companies
4. Yacht and ship yards

The background to this new qualification

Until this qualification was introduced, there were no specific qualifications for Marine Coatings Inspectors to inspect superyachts. The nature of superyacht coatings is very specific and cannot be compared to that of other marine industries. Enabling the Marine Inspector to understand these specifics and therefore deliver an objective, comprehensive and uniform inspection report on the quality of superyacht coatings is the main goal of this qualification.

The RMCI qualification was instigated by the International Council of Marine Industry Associations (ICOMIA), in conjunction with the Superyacht Builders Association (SYBAss), and was established by working with the International Institute of Marine Surveyors. The course, the qualification and the certification system were produced in response to the request for standardisation from these bodies.

You therefore will have a NACE, FROSIO or ICorr Level II qualifications or relevant industry experience that has been verified by the Course Director or the Arbitration Panel. This Panel also acts as the Arbitration Panel in the matter of any disputes. (See Appendix A).

How the qualification will be used

The RMCI qualification acknowledges that the inspector successfully completed the course and gained sufficient knowledge and understanding of the specifics of superyacht coatings. This qualification is intended to become the standard for surveyors carrying out coating inspections on yachts. Coating inspectors are strongly encouraged by all stakeholders in the coatings process to complete this qualification. In addition, they will need to be a member of a professional association and ideally carry personal indemnity insurance.

Qualified RMCIs should always use their registered number on reports and ensure that when carrying out inspections they identify themselves as RMCI qualified to all interested parties. It is in the interests of all coatings inspectors to encourage their colleagues to undertake the course not only to raise the standards of inspection, but to standardise reporting and to ensure that the highest levels of quality control and independence are maintained.

RMCI - Call +44 (0) 23 9238 5223 or visit www.rmciinspectors.com

What partners say about this course

More than for any other vessel type in the maritime industry - the finish of a superyacht is paramount and takes up a significant share of building time and costs. Yet in the evaluation process of the coating's finish, there is much room for improvement.

Several respected industry representatives have contributed to the development of the RMCI Course and its tailored syllabus. This course is fully endorsed by the global industry trade organisations; the International Council of Marine Industry Associations (ICOMIA) and the Superyacht Builders Association (SYBAss).

The RMCI course is part of an industry wide programme for improved professionalism in the area of superyacht coatings. Over time certification becomes the standard for coatings surveyors and inspectors operating in the superyacht industry.

Together we will ultimately accomplish that paint performance can be specified and therefore secured in the building contract, the paint performance can be consistently measured, reported and objectively evaluated and the client will be assured to get what has been agreed upon.

"On behalf of the members of ICOMIA and SYBAss we encourage coatings surveyors and inspectors to complete the Registered Marine Coatings Inspector Course so that we collectively deliver a performance each client can expect from a professional superyacht industry - with certainty and confidence".

Tony Rice,
Secretary General



Theo Hooning,
Secretary General



THE COURSE

This course has taken some two years to develop and has had input from a wide range of coatings specialists from across Europe.

The course is made up of four units of study and includes a written and practical examination. The examination is made up of three parts.

- a. A quick multi-choice type question paper
- b. A specialist in-depth question paper
- c. A practical test

To gain this qualification you will need to achieve a pass mark of 60% in each part and an overall pass mark of 70%.

What else is required?

The organising Committee who set up this qualification (see 'The Partner Organisations', page nine) decided that qualified inspectors should be members of recognised organisations. The reasons for this includes a requirement to maintain Continual Professional Development (CPD), to monitor the number of inspections carried out and to ensure that all inspectors ideally have and maintain Professional Indemnity Insurance (PI Insurance) to carry out this work.

Therefore on completion of this qualification, you will be eligible to join the International Institute of Marine Surveying (IIMS) as a Technician Member of the Institute at the very least. The Institute has already made provisions with the Institute's PI broker for applicants to apply for PI through the Institute. (See Appendix B on how to apply.)

The IIMS also maintains a CPD register for all members.

The Qualification

On successful completion of this qualification, you will be able to put the letters RMCI after your name. Your name will be added to the Marine Coatings Inspector Register and you will receive a Photo Identity Card valid for five years.

As stated you will also be offered the opportunity to apply for, as a minimum, the Technician Level Membership of the international Institute of Marine Surveying. You may not need this membership if you are a member of a recognised Organisation that offers Professional Indemnity insurance (See attached List at Appendix C). It is a requirement of the qualification to operate as an Inspector that you are (or become) a member of a professional body or association.

Record Keeping

You will be issued with an electronic record Log Book. You will be required to maintain this log book, not only as part of the Continual Professional Development required by all organisations, but also as a requirement of the qualification for re-registration after five years.

Re-Registration

You will need to re-register every five years and the Record Log Book will help you to do this. There will also be a one day renewal course.

Carrying Out Inspections

As an experienced inspector you will have your own ideas for carrying out an inspection. It is not the intention of this unit to make you change your systems or proven methods.

However, continued use of a single system will ensure that you are able to complete an inspection without missing anything. You should decide on your methodology and stick to it.

The unit on Inspecting Marine Coatings sets out to give guidance on coatings, application methods and finishes that should be considered when carrying out an inspection. The Unit includes identifying defects, resolving difficulties and offering advice not only to clients and boat yards but also to applicators, finishers and all participants in the marine coatings process.

Instrumentation

The Instrumentation Unit describes the different instruments available, including some that you may not have come across before. You should pay special attention to the instruments that you are not familiar with, they will take the longest to get to know.

Some of the instruments can be quite expensive. It is advised that where some of the instruments are concerned that you contact an appropriate supplier directly, as there are possible hire, rental or other agreements available that will assist the inspector on short term contracts.

Reporting

The Report Writing Unit offers inspectors the advice required to write a report that will provide the client who ever they are with the information that will allow them to make decisions based upon independent advice from the Inspector.

Whilst some reports are in the form of accepted template report layouts, there are some instances where a full written report is required. It is in this area that this unit will not only give advice, but also provide protection to the Inspector should the report be used in court.

Remember, that as an inspector, you are required to write about what you have seen, not what you think. You are there to give your client the facts, to tell it as it is.

The written report is your intellectual property and as such cannot be copied, reproduced, or used by a third party without your consent. You should use your RMCI number on all reports.

Course Contact Details

The RMCI Qualification is organised, managed and certificated by the International Institute of Marine Surveying through the Marine Surveying Academy. The Course Director, Tutors, Examiners and Registration Authority and Arbitration Panel can be contacted as follows:

RMCI Course
Marine Surveying Academy
IIMS Murrills House
48 East Street
Portchester
Hampshire
PO16 9XS

hilary.excell@marinesurveyingacademy.com
+44 (0)239 238 5223

Website: www.rmciinspectors.com

THE PARTNER ORGANISATIONS

The IIMS and MSA

The International Institute of Marine Surveying is an independent, non-political organisation. Membership is open to suitably qualified and experienced marine and cargo surveyors, yacht and small craft surveyors, marine consultants and mariners from around the world. IIMS has approximately 1000 members in over 90 countries worldwide. Individuals with specialised knowledge, experience, or skills and who are able to contribute to the aims and objectives of the Institute are also invited to join. See more at: www.iims.org.uk

The Marine Surveying Academy is the training arm of the IIMS and provides the Institute with the facilities to carry out training and certification in a range of subjects. See more at: www.marinesurveyingacademy.com/

ICOMIA

The International Confederation of Marine Industry Associations:

ICOMIA provides for its members a forum in which to consider issues of common concern, to collect relevant data and to formulate agreed policy. ICOMIA seeks to break down all barriers to trade, including the removal of unnecessary or unviable legislation.

ICOMIA promotes awareness of the recreational marine industry's requirements and objectives, including the improvement of boating safety. It also maintains close dialogue with international bodies, national governments and other regulatory authorities on behalf of its members.

SYBAss

The Superyacht Builders Association unites and represents the world's leading builders of large yachts. The main goals are:

- Promotion:** To facilitate communication between our members and their clients, and the wider industry.
- Regulation:** Cooperating with regulators to ensure that rules which impact super yachts take into account the unique nature of our industry.
- Professionalism:** Improving the processes and structures of the super yacht industry and providing members with a single professional body that allows common interests to be shared.

SYBAss supports its members in every way possible and gives recommendations and guidance on compliance with new international standards and regulations. Publishes its opinions and recommendations, and formulates draft international standards and codes of practice.

SYBAss promotes the concept of recreational boating as being in harmony with a clean and attractive marine environment. Assists in the promotion of recreational boating as being fun and available for all. Cares for the environment as part of our core values.

Paint Companies and other parties

AkzoNobel – AWLGRIP is a leading global paints and coatings company and a major producer of specialty chemicals. Supplying industries and consumers worldwide with innovative products and passionate about developing sustainable answers for customers. The portfolio includes well-known brands such as Dulux, Sikken, International and Eka. Headquartered in Amsterdam, the Netherlands, AkzoNobel is consistently ranked as one of the leaders in the area of sustainability.

With operations in more than 80 countries, over 50,000 people around the world are committed to delivering leading products and technologies to meet the growing demands of the fast-changing world.

Elcometer is a leader in coating and concrete inspection equipment, rebar and metal detection. Their products measure coating thickness, climate, porosity and adhesion as well as a wide range of physical test parameters required for the formulation of coatings. With state of the art production facilities in the UK, USA and Europe and with a dedicated team of in-house development engineers, Elcometer is well placed to continue to lead the field.

TQC designs and produces field measuring instruments and lab equipment for testing paint and coatings and general surface treatment. TQC products are known for their ergonomic features and user friendliness. Their production facility is located in The Netherlands.

The **Institute of Corrosion** (ICorr) is the UK's most active professional organisation in its field and is a premier force in the European and global corrosion scene.

Formed in 1959, it has developed into an internationally respected body. The Institute is managed by a Committee of Trustees and Council Members and is supported by full and part time staff.

Many other companies have been involved as well as well known superyacht specialist individuals including Joop Ellenbroek and Kay Wrede who have contributed to this qualification, not only with their time, but also with help in writing the course material.

APPENDICES

Appendix A: Arbitration and Complaints

Arbitration Panel Role and Responsibilities

Following the course an examination will be required to complete the qualification. Any student who feels they have a complaint or grievance either about the course or the examination, may submit this to the Course Director who will forward it to the Arbitration Panel for review. The Arbitration Panel's decision is final.

All requests for arbitration, complaints or grievances must be placed in writing to the Course Director within fourteen days of the original decision being given. All correspondence should be sent to the address below.

The Arbitration Panel is made up of the following:

A Chairman appointed by the Marine Surveying Academy
A Member of the Superyacht Builders Association
A Member of a specialist paint company

Address for Arbitration, Complaints or Grievances:

Marine Surveying Academy
RMCI Course Director (Complaints)
IIMS Murrills House
48 East Street
Portchester
Hampshire
PO16 9XS
United Kingdom

Appendix B: Application for Membership of the IIMS

IIMS membership is open to professional marine surveyors from any worldwide location who have sufficient and relevant experience and who meet the Institute's joining criteria. Download the membership application forms under the membership section of their website (www.iims.org.uk) or email them for further information - info@iims.org.uk.

Appendix C: List of Recognised Organisations

- Institute of Marine Engineers, Science and Technology (IMarEST);
- Institute of Diagnostic Engineers;
- International Institute of Marine Surveying (IIMS);
- Institute of Corrosion (ICorr);
- FROSIO;
- The Royal Institution of Naval Architects (RINA);
- Any chartered institute.

