



ARAB INSTITUTE OF OPERATIONS AND MAINTENANCE (OMAINTEC)
المعهد العربي للتشغيل والصيانة
بالتعاون مع جامعة كوبنهاجن الدنمارك للهندسة والتكنولوجيا (MSK)

CERTIFIED EUROPEAN EXPERT IN MAINTENANCE MANAGEMENT (CEEMM)

برنامج تدريبي متقدم للتأهل للحصول على الشهادة الأوروبية الإحترافية في إدارة الصيانة

AN INTENSIVE COURSE OFFERED BY OMAINTEC AND ENDORSED BY THE
COPENHAGEN SCHOOL OF MARINE ENGINEERING AND TECHNOLOGY
MANAGEMENT – SHORTENED TO MSK.

NOVEMBER 22 -26, 2019



”تم اعتماد محتوى هذا البرنامج التدريبي بناءً على شروط
ومتطلبات المواصفات القياسية الأوروبية“

(Maintenance- Qualification of Maintenance Personnel EN 15628)

ويركز البرنامج على تطوير المهارات المطلوبة لاجتياز إختبار الشهادة الأوروبية
الإحترافية في إدارة الصيانة (CEEMM)

CERTIFIED MAINTENANCE MANAGEMENT
(EUROPEAN STANDARDS EN 15628)

* رسوم الإختبار غير مشمولة

CONTENTS

GUEST SPEAKER

DR. ALAN WILSON, C.ENG., BSC., PHD

LECTURER

TOM SVANTESSON, B.SC.

ABOUT THE COURSE AND HOW TO REGISTER

INTRODUCTION

ABOUT MSK

THE EXTRAORDINARY VALUE OF THIS COURSE

COURSE DATES, LOCATION, TUITION FEE, AND HOW TO REGISTER

ENGINEERING PROFESSIONAL DEVELOPMENT

COURSE OUTLINE

MODULES, DURATION AND CONTENTS

OVERVIEW: DAY 1

MODULE 1: MAINTENANCE PROCESSES

OVERVIEW: DAY 2

MODULE 2: MAINTENANCE MANAGEMENT

OVERVIEW: DAY 3

MODULE 2: MAINTENANCE MANAGEMENT

OVERVIEW: DAY 4

MODULE 2: MAINTENANCE MANAGEMENT

OVERVIEW: DAY 5

MODULE 3: WRAP UP AND ASSESSMENT OF THE DELEGATES' SKILLS

INTRODUCTION

في إطار اهتمام المعهد العربي للتشغيل والصيانة بتطوير العاملين في قطاع التشغيل والصيانة ورفع قدراتهم ومهاراتهم وخاصة في مجال الإدارة السليمة للصيانة وفقا لأحدث المستويات العالمية في هذا المجال، فقد قام المعهد باختيار برنامج تدريب عالمي مدته خمسة أيام (30 ساعة) معتمد للتأهل للحصول على شهادة احترافية في إدارة الصيانة وفقا لأفضل المعايير والممارسات الأوروبية:

“Certified European Expert in Maintenance Management (CEEMM)”

as well as the requirement from the standard
“Maintenance - Qualification of maintenance personnel”
EN 15628”

وسيتم تقديم هذا البرنامج بالتعاون مع جامعة كوبنهاجن للهندسة والتكنولوجيا في الدنمارك وسيتم عقد هذا البرنامج (كورس التدريب) بالتزامن مع انعقاد المؤتمر الدولي السابع عشر للتشغيل والصيانة في البلدان العربية في دبي خلال الفترة (22 - 26 نوفمبر 2019). وسيكون هناك إجراءات تقييم معتمدة خلال الكورس لضمان جودة التحصيل للمشاركين وتفاعلهم مع المواد المقدمة خلال جلسات هذا الكورس. وسيتم منح المشاركين “شهادة احترافية في إدارة الصيانة حسب المواصفات الأوروبية رقم EN15628” مصدقة ومعتمدة من جامعة كوبنهاجن للهندسة والتكنولوجيا في الدنمارك. وتعتبر هذه الشهادة من الشهادات العالمية المعتمدة القليلة في مجال إدارة الصيانة وذات قيمة إضافية كبيرة لمن يحصل عليه. ويحصل المشاركون بهذا الكورس على اشتراك عضوية مجانية لمدة سنة في هذا المجلس العربي للتشغيل والصيانة.

الحصول على الشهادة الأوروبية الاحترافية CEEMM مشروط باجتياز الإختبار أونلاين بنجاح مع العلم أن ترتيبات هذا الإختبار ورسومه غير مشمولة بهذا الكورس التدريبي

The Maintenance Management course will be organized based on the skills required to pass the certification in the management section for the “شهادة احترافية في إدارة الصيانة حسب المواصفات الأوروبية رقم EN15628”

“as well as the requirement from the standard
“Maintenance – Qualification of maintenance personnel EN15628 ”

The Course will be organized by the Copenhagen School of Marine Engineering and Technology Management – shortened to MSK. – please visit www.msk.dk

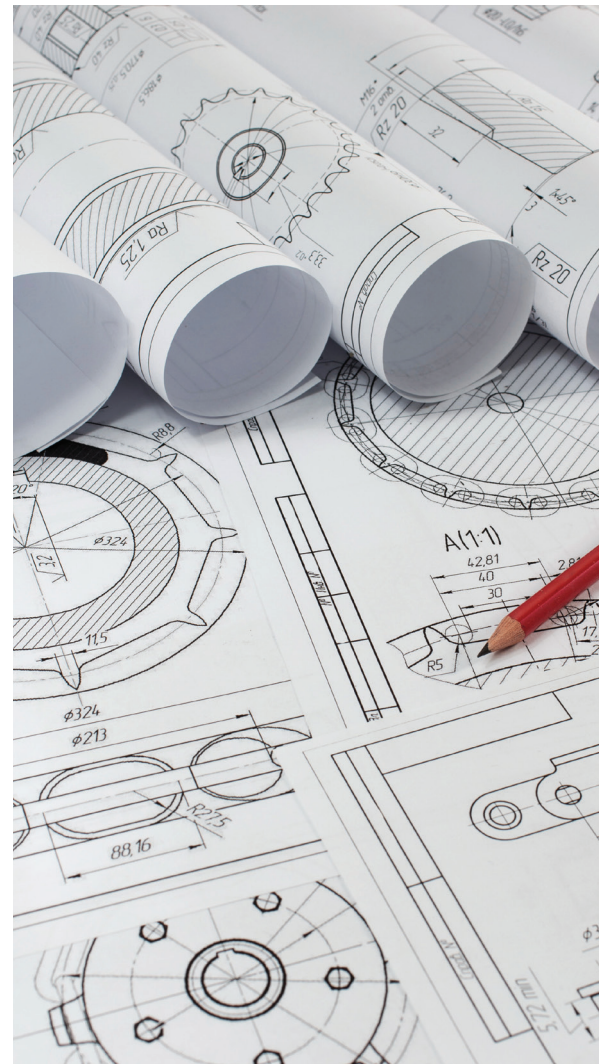
After a successful course and a successful assessment of the delegate’s skills, MSK will issue a course certificate. The Maintenance Management Course will be organized prior to the Omaintec conference enabling the participants to be a part of the Omaintec Conference.

ABOUT MSK

The Copenhagen School of Marine Engineering and Technology Management is Denmark’s oldest marine engineering school and have trained marine engineers since 1906. It has approximately 500 students and 40 employees. The ‘Marine Engineering and Technology Management Program’ is a professional bachelor’s program.

STUDY ENVIRONMENT Life as a student at the Copenhagen School of Marine Engineering and Technology Management is characterized by a high level of professionalism and many social activities. It is a study environment in which the focus is on learning – and delivering. Your fellow students may come from an upper secondary-level school or have many years of occupational experience. This ensures a dynamic balance between theory and practice in the classroom, the laboratory and project work.

ECONOMY Throughout the entire marine and technical engineering program; that is, the workshop course, internship and the theoretical part of the program, you are entitled to receive a Danish state education grant (SU).



LECTURER



TOM SVANTESSON,
MANAGING DIRECTOR TSMC
ASSOCIATE PROFESSOR AT MSK
PRODUCTION & MAINTENANCE CONSULTANTS APS

EDUCATION:

BSC bachelor of technology management and marine engineering, diploma in specialized business studies, managing

EXPERIENCE:

40 years in maintenance and operation.

MEMBER IN:

EFNMS, danish maintenance society

BIOGRAPHY:

Tom was the first dane to be “certified european expert in maintenance management” and he uses his practical and theoretical experience to train candidates for the certification. tom has experience within the work of implementing production improvement programs, implementing cmms, tom supports tsmc’s international clients in areas such as reliability centered maintenance and fmeca analysis, contract management, preventive maintenance optimization and the maturity assessment of the maintenance organization.

tom is the facilitator and trainer in tsmc’s training program in maintenance and reliability.

tom served as group leader for working group 7, benchmarking in efnms for more than 10 years and has managed several of the benchmarking analysis in the scandinavian countries.

GUEST SPEAKER

Dr. alan wilson, c.eng., bsc., phd

Dr. alan has experience as founder and chairman of the uk computer aided maintenance management group, he is currently assisting the national operations and maintenance standards committee on a project to improve o&m performance throughout the government establishments. dr. alan has represented the uk at the european federation of national maintenance societies, represents the british standards institute, and is a founder member of the international maintenance association.



COURSE OUTLINE

The course will be sessions in approximately 1 hour, with the first part will be a 30 min lecture and the last 30 mins will be exercises in relation to the lecture. The participants will be challenged to work in pair of 2 delegates. The course will also welcome organizations to send 2 persons to the course.

MODULE	DURATION	CONTENT
MODULE 1	1 DAY	Maintenance Processes
MODULE 2	3 DAYS	Maintenance Management
MODULE 3	1 DAY	Wrap up and assessment of the delegates’ skills

EXTRAORDINARY VALUES OF THIS COURSE

The course will give the participants the skills and competencies that is required for a maintenance manager as outlined in the standard “Maintenance – Qualification of maintenance personnel” EN 15628.

DELEGATES FOR THE MAINTENANCE MANAGEMENT COURSE

The course is aiming at the job positions listed below:

- Engineering Managers
- Maintenance Managers
- Project Managers
- Reliability Engineers
- Corporate Maintenance Champions and Coordinators
- Technical Managers
- Technical Directors
- Superintendents
- Maintenance specialists
- Asset Managers
- Any other professional engaged in the managing of Maintenance and Maintenance processes.

Any other professionals engaged in managing Maintenance and maintenance processes

The course participants must be familiar with the execution of Maintenance and Reliability and must in addition document practical experience with the management of the maintenance activities.

In general, an education level like bachelor level or practical experience from the management of a maintenance organization or an asset management function will be appreciated.

MAINTENANCE MANAGEMENT COURSE OUTCOME

The course will give the participants the essential and fundamental knowledge that any Maintenance Manager must have to perform managerial a job position.

MAINTENANCE MANAGEMENT COURSE SUMMARY

The course will cover the different processes inside the Maintenance function. The course is interactive and will engage the participants. The course content is:

- Maintenance goals
- Maintenance Strategies
- Maintenance organization
- Guiding, control, analysis of the maintenance function
- Economical control
- Requirements, control, KPIs, analysis
- Maintenance budgeting

The course will provide practical cases with Maintenance Management, organization and planning.



CERTIFIED MAINTENANCE MANAGEMENT (EUROPEAN STANDARDS EN 15628)

PROGRAM DATES, LOCATION, TUITION FEE AND REGISTRATION

COURSE SCHEDULE

The five-day sessions will be held on Friday Nov 22, 2019 to Tuesday Nov 26, 2019

TOTAL COURSE IN 5 DAYS

DATE	DAY	TIME	MODULES
Nov 22, 2019	Friday	14:00 – 18:00	Module 1: Maintenance Process
Nov 23, 2019	Saturday	09:00 – 17:00	Module 2: Maintenance Management
Nov 24, 2019	Sunday	09:00 – 17:00	Module 2: Maintenance Management
Nov 25, 2019	Monday	09:00 – 17:00	Module 2: Maintenance Management
Nov 26, 2019	Tuesday	09:00 – 17:00	Module 3: Assessment of Delegates' Skills

LOCATION

All course sessions will be held at Le Meridien Dubai Hotel & Conference Center, Dubai - United Arab Emirates (UAE)

LANGUAGE

The course will be held in English therefore the course participants must have skills in verbal and written English.

TUITION FEES

The full tuition fee (including course materials) for the five days course is:
\$ 2,800 USD (10,500 SAR)

HOW TO REGISTER

Online Registration: www.omaintec.org
Email: b.sayel@omaintec.org
For more information or to Register
Call +966 11 460 8822 ext. 33
+ 966 535708934



CERTIFIED MAINTENANCE MANAGEMENT
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MODULE 1: MAINTENANCE PROCESSES

<p>MODULE 1: Maintenance Processes and Course Introduction</p> <p>DURATIONS: 1 DAY</p>	<p>The module will give the participants the skills which will enable them to organize, manage and develop the maintenance processes</p> <ul style="list-style-type: none">· The Maintenance Management landscape – (C2)· Deep dive into the Management process· The Spare Part Management process – (C7)· The process for the planning and scheduling of maintenance activities <p>The module will be based on the generic Maintenance processes from EN 17007.</p>
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References in () refers to requirements from the standard EN 15628

MODULE 2: MAINTENANCE MANAGEMENT

<p>Module 2: Maintenance Management – V4</p> <p>DURATIONS: 3 DAYS</p>	<p>The module will give the participants the skills which will enable them to organize, manage and develop the maintenance organization so it becomes a professional partner for the operation</p> <ul style="list-style-type: none">• Maintenance organization types, characteristics, pros and cons for each maintenance type – (C3)• Contract management, Accreditation of the contractors and analysis of the service delivered – (C7)• The process for the description of the maintenance organization and the development of the maintenance function – (C3)• Objectives and targets for the maintenance organization and the selection of objectives and KPIs which will enable the maintenance function to support the business objectives – (C1)• Strategies for maintenance – (C1)• The organization of spare part management and resources for the maintenance function• The maintenance organizations position and communication lines to the operation• The use of Key Performance Indicators and benchmarking processes as tools for the development and presentation of the maintenance performance, and the link to business management systems• The development of a budget and the control of the of the maintenance budget – (C1, C6) <p>At the module the participants will be invited to use the International standard for maintenance management (“Global Maintenance and Reliability Indicators”) as the vehicle to measure Maintenance and Reliability development.</p>
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MODULE 3: WRAP UP AND ASSESSMENT OF THE DELEGATES' SKILLS

MODULE 3: Wrap up and assessment of the delegates' skills	Introduction Based on the curriculum from Module 1 and 2, Module 3 will be the day for a wrap up of the 2 modules and an assessment of the skills for the delegates.
DURATIONS: 1 DAY	The day will be divided in two sessions; the first session will be based on a number of case studies based on the first 2 modules. The second session will be an assessment of the delegates skills according to EN 15628 and the course program.

REFERENCES

TSMC has prepared and educated Maintenance and Reliability professionals to pass the examination as Certified European Expert in Maintenance Management since 2003.

The general success rate for the certification is 70% passed in the first try.

TSMCs success rate for the certification is 90% passed in the first try.

TSMC has delivered training programs which has educated Maintenance and Reliability professionals to pass the examination as Certified European Expert in Maintenance Management:



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