



# MEEES ENGINEERING

FOR MAINTENANCE & SERVICES COMPANY L.L.C





# Message from director

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It gives me a great pleasure to introduce MEEES Engineering for maintenance and services company. as a leading electrical engineering company in the fields of design, manufacturing, supply and installation of electronic, power, industrial automation and control systems.

Since MEEES Engineering was established in 2008, we have involved as reliable partner for undertaking different projects in the scope of work in the region, that because we avail ourselves to our clients insight merging those with our diversified capabilities and strong electrical experience to achieve the best electrical solutions.

Our philosophy is the satisfaction of our clients and our commitments to adopt the latest technologies are the primary forces driving MEEES Engineering.

We hope that this brochure conveys the philosophy, approach, capabilities, skills and achievements.

We are proud of our accomplishments, and we look confidently for a promising future for ourselves and for our clients.

**Ramzi Zaher**  
Managing director  
MEEES ENGINEERING



## Mission:

Working at high level standards to give prompt service and gain our customers satisfaction.

## Vision:

To be the leader company in the region for electrical, electronic and industrial automation control systems, working smarter and harder to gain satisfactory results in short time.



MEEES Engineering for maintenance and services company  
MEEES engineering is a dedicated electrical and electronics company Established in 2008 in Aqaba to meet the increasing needs in electrical and electronics industrial services, in a few years MEEES engineering has become one of the leading Electrical and Electronics Companies in the Aqaba gulf area providing the most comprehensive range of industrial automation, electrical and control solutions for factories and industrial section applications.

Reinforced by years of experience and client feedback, has allowed us to create a range of services that offer high performance and consistency, as well as exceptional ease of accessibility; making sure our customers acquire technical back-up wherever they are, and whenever necessary through our service network, rapidly and easily. MEEES engineering strives to provide total industrial solutions to our clients, in specialized business areas, in order to cater to their regular needs. The core of our business is a team of professionals, focused and specialized to understand the requirements and demands of our clients.





## Industrial automation:

Automation division brings advanced instrumentation and control products and its services. With our strong application knowledge and trend-setting quality, we are able to offer unique and complete solutions to our clients with combination of the state of the art technology and strong technical back-up all the time.

We provide a range of functionally progressive and user-friendly solutions specialized for monitoring and controlling mechanical, electronic systems and machinery, which comprise the applications from limited stand-alone alarm systems to fully integrated control systems, for complex and critical applications. Our Full-service automation Solutions guarantee that there is a little difference between operating resources close at hand or far afield.

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## MEEES engineering industrial automation services includes:

- Programmable Logic Controllers Solutions (PLC).
- Supervisory Controls & Data Acquisition (SCADA).
- Visualization & Human Machine Interface (HMI).
- Condition Monitoring and alarms Solutions.
- Safety Systems.
- Industrial IT & Networks Solutions.
- Complete replacement for old system to new modern systems, from relay system to full automation system.
- Control rooms



Here in the automation section we can bring all the data and control for huge system into one simple interactive system that can do the job with no complications.

For our automation and plc programming we are dealing with the following brands:

- Allen Bradley
- Siemens
- Moeller
- Omron
- Schneider
- Mitsubishi
- Crouzet

**SIEMENS**

**Schneider**  
Electric

**MOELLER** 

**OMRON**



## Industrial Power and control systems:

Automation division brings advanced instrumentation and control products and its services. With our strong application knowledge and trend-setting quality, we are able to offer unique and complete solutions to our clients with combination of the state of the art technology and strong technical back-up all the time.

- ELECTRICAL GENERATORS, SAFETY AND CONTROL SYSTEMS.
- ELECTRICAL GENERATORS LOAD SHARING AND SYNCHRONIZATION PANELS.
- MAIN SWITCH BOARDS.
- Sub Main Distribution Boards (SMDB)
- Final Distribution Boards (DB)
- Motor Control Centers (MCC)
- STARTING PANEL, DOL, SOFT STARTER AND VFD.
- BOILRE SYSTEMS.
- ELEVATORS AND ESCALATORS.
- CONTROL FOR HYDRULIC SYSTEM.
- CARGO ELEVATORS.
- Alternator and motor rewinding.
- Electrical grid network analysis.

Mees can perform full electrical services for the above mentioned branches, as supply, design, assembly, installation, testing and commissioning, moreover, full maintenance and trouble shooting for the existing systems and spare parts supply.







# Process measurement

The efficiency and the sustainability of any plant depends on ensuring that its processes are completed in the intended manner and time frame. MEEES Engineering provides solutions to monitor and measure the different stages of a process to effectively facilitate its operation. Our comprehensive line of measurement

Instrumentation products include:

- Pressure measurement
- Level measurement
- Flow measurement
- Temperature measurement.
- Tank gauging systems.

Endress + Hauser 



## FIRE AND GAS ALARM AND MONITORING SYSTEM:

THE FIRE AND GAS DIVISION UNDERTAKES THE DESIGN, SUPPLY, INSTALLATION AND MAINTENANCE OF FIRE AND GAS MONITORING AND ALARM SYSTEMS FOR A WIDE RANGE OF APPLICATIONS DESIGNED TO INTERNATIONAL STANDARDS AND CIVIL DEFENSE REGULATIONS.

IN MEEES ENGINEERING WE ARE DEALING WITH ALL TYPES OF FIRE ALARM SYSTEMS AS WELL AS INTERFACE WITH THE FIRE FIGHTING SYSTEMS, THE RANGE CONSISTS OF BOTH CONVENTIONAL AND ANALOGUE ADDRESSABLE SYSTEMS AND THEY ARE ALL TYPE TESTED AND TYPE APPROVED ACCORDING TO EUROPEAN REGULATIONS, DIRECTIVES AND LOCAL REGULATIONS.

MEEES ENGINEERING ARE HANDLING SUPPLY, DESIGN, INSTALLING, TESTING, COMMISSIONING AND SERVICE FOR THE FIRE AND GAS ALARM SYSTEMS, SUCH AS THE BELOW:

- FIRE ALARM PANELS.
- GAS MONITORING AND ALARM PANELS.
- SMOKE DETECTORS.
- GAS DETECTORS.
- FLAME DETECTORS.
- HEAT DETECTORS.
- MANUAL CALL POINT.
- SPRINKLER RELAEASE CALL POINT.





## CCTV camera systems

MEEES engineering also is specialized company for supply, install and commissioning of different CCTV camera systems and for different applications to get the maximum security and satisfaction for the customer.

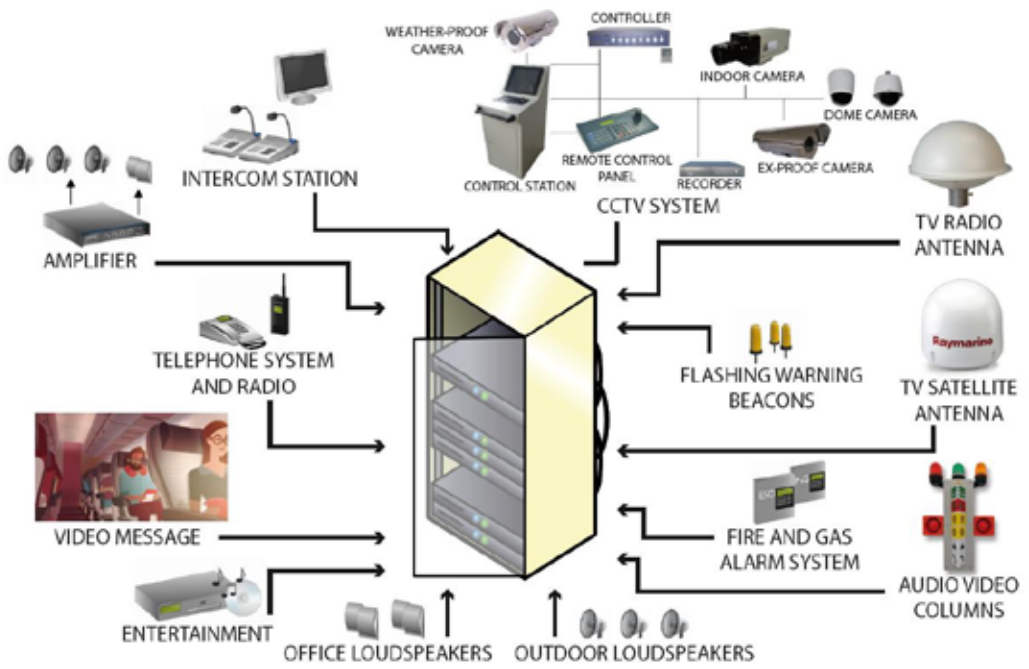
Mees engineering also can design, supply, install, testing and commissioning of complete security camera system including target detection and alarm zone identification that can detects targets and follow it with alarm.

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Below is some services offered by MEEES Company:

- Supply different types of cameras and as per the request and applications.
- Installing full CCTV systems for all areas (indoor and outdoor).
- Connect the entire cameras to DVR for recording the captured videos.
- Simple way to review and play back the recorded video with date and time.
- Simple software to deal with and with the cameras connected to the system.
- Wide recording capacity for longer archive periods.





## Public address systems (SEASTEMI)

MEEES offers the service for supply, install, testing and commissioning for public address and general alarm that use the latest technology for this purpose called Seastemi I.C.S.

The Seastemi I.C.S. Public Address and General Alarm systems are specially designed for the stringent requirements of the marine industry, offshore oil and gas markets.

The system is modular and can be tailored to individual needs, as far as both design specifications and budget are concerned.

The PA/GA application is a critical system with respect to Personnel safety and shall, during an emergency situation, be fully operational to allow safe evacuation of the facility, therefore a field proven design shall be provided.

The Seastemi I.C.S. shall distribute alarm tones, pre-recorded messages, emergency voice messages and routine voice messages to all or selected areas of the facility, in a reliable and safe manner, by the use of loudspeakers.

Stand-alone or fully duplicated failsafe systems can be customized to meet the special requirements of the application.



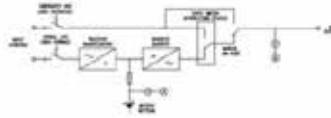
# UPS



UPS 20 kVA



Mimic panel



Flow diagram



UPS 20 kVA - internal view

## UPS and power conversion solutions

the development process occupies first priority of our objectives , MEEES engineering offers several solutions in Uninterruptable Power Supply (UPS) and power conversion for design and manufacturing on a very high standards and quality.

MEEES engineering and through partners, can offer design, manufacturing, supply and installation for the below:

- different types and sizes of Uninterruptable power supply systems (UPS) with battery rack.
- AUTOMATIC SHORE POWER systems.
- BATTERY CHARGERS for different sizes.
- electrical TRANSFORMERS
- Electrical INVERTERS for different applications.
- Medical applications for hospitals.





## Military Night vision Camera

MEEES engineering offers the service for supply, install, testing and commissioning for military night vision cameras that use the latest technology for this purpose.

Starlight scope night vision systems are a light amplification technology. They are the most affordable way to see in the dark. Today's systems offer unprecedented image resolution, incredible gain control, and much brighter images than older technology. New technology has made today's systems lighter and smaller than ever before.

MEEES engineering is an authorized service center for STARLIGHT Company and can provide full service for the high quality military night vision camera product that has excellent performance.







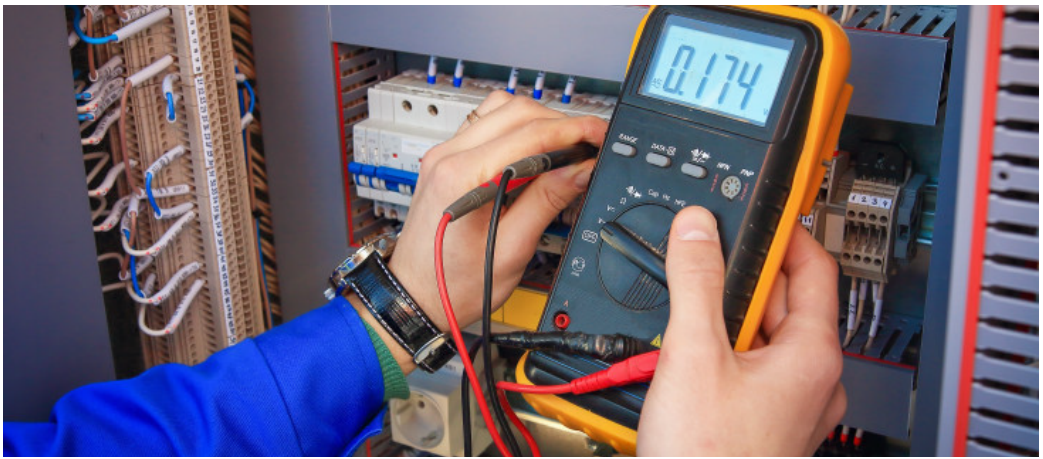
## Water treatment solutions

MEEES offer solutions for industry where desalination of water and water quality is an issue. Depending on the needs and requirements of the customer we deliver standard products as well as customized turnkey solutions, MEEES with corporation with ENWA can offer the below:

- Chemical free cooling water treatment systems for engines / hvac.
- Filter systems.
- Potable & Technical Water: Production of high-quality freshwater for domestic and technical utilization.
- Corrosion Treatment: Protecting water systems from corrosion, scaling and bacterial growth.
- Distribution systems: Distribution systems for technical and potable water.
- Disinfection: Prevent the spread of waterborne diseases in the potable water system.







## Maintenance, troubleshooting and supply:

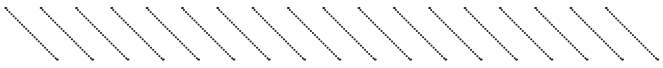
In addition for all the previous MEEES also is the leading company in maintenance and troubleshooting services as it is offering maintenance work in all type of electrical distribution and generation, electronics, control, fire alarm systems and plc operation systems.

MEEES does not only offers maintenance, but also gives solutions for replacing or upgrading system in the domain of the work.

Our service team has gained an enviable reputation for its 24/7 support and our service centre is well equipped to service and test most of the electrical, electronic, control and Automation equipments. Our multidisciplinary technical staff comprised of engineers and technicians provide a wide spectrum of support in the following areas:

- Power systems, electrical generator, and distribution systems.
- Electronics boards repair.
- Interfacing Solutions
- Supply & Installations of electrical equipments (control, low current systems, power systems ... etc)
- Design, assembly, install, testing and commissioning of control systems.
- Spare part supports: MEEES can support of supply spare parts for most of the suppliers as it has large base of Supplier to deal with, we can supply spare parts for: electrical generators, switch boards, control systems, powers systems, low current systems ... etc.
- Electrical and control material support:  
Supply all type of electrical and control system parts as: temperature sensors, pressure sensors, speed sensors, level sensors, flow sensors, temperature controllers, pressure controllers, speed controllers, multiprocessing controllers, and level controllers.

# Our Agencies



**ELIGROUP**<sup>®</sup>  
naval service network



**STARLIGHT**<sup>™</sup>  
ITALIA  
EXCELLENCE IN NIGHT VISION



# Our Suppliers



## شركة ميس الهندسية للصيانة و الخدمات ذ.م.م

هي شركة متخصصة في مجال الكهرباء والإلكترونيات و أنظمة الاتمته و التحكم تأسست عام ٢٠٠٨ في العقبة لتلبية الاحتياجات المتزايدة في مجال الخدمات الصناعية في الكهرباء والإلكترونيات و أنظمة التحكم و البرمجة، في غضون سنوات قليلة أصبحت (ميس) واحدة من شركات الكهرباء والإلكترونيات الرائدة في منطقة خليج العقبة.

توفر الشركة مجموعة شاملة من الحلول لأنظمة الكهربائية و أنظمة التحكم و البرمجة لأنظمة الصناعية، خلال عدة سنوات من الخبرة و العمل قامت الشركة بإنشاء مجموعة من الخدمات لاقامة المشاريع التي توفر الأداء العالي والثبات، فضلا عن سهولة و سرعة الوصول الى مكان العمل و الاهتمام الخاص برضى العميل و خدمة ما بعد البيع.

ومن اهم مجالات العمل في الشركة:

- تصميم و تجميع اللوحات الكهربائية بكل أشكالها.
- تصميم و تنفيذ لوحات التحكم و PLC و أنظمة الاتمته
- تصميم و تنفيذ المشاريع المتعلقة بأنظمة التحكم و البرمجة و الاتمته (PLC, SCADA) لمصانع الكيماويات و الانتاج بكافة اشكالها.
- القيام بالاعمال الكهربائية و التصاميم اللازمة لتقديم حلول تحديث و تطوير أنظمة التحكم في المصانع و القيام باعمال الصيانة اللازمة.
- تصميم و تجميع أنظمة التحكم و التشغيل للمولدات الكهربائية لمختلف القدرات و الماكينات و أنظمة الهيدروليك.
- تزويد و تركيب و تسليم أنظمة إنذار الحريق للشركات و المصانع و حسب المواصفات الاردنية.
- تزويد و تركيب و صيانة أنظمة كاميرات المراقبة و النداء الصوتي.
- تنفيذ كافة اعمال الصيانة و الاصلاح لأنظمة و المعدات الكهربائية للمصانع و خطوط الانتاج و عمل خطة الصيانة اللازمة لها.
- تزويد القطع و المعدات الكهربائية اللازمة سواء للصيانة او تطوير الأنظمة الكهربائية.
- تصميم و تجميع و تركيب أنظمة توفير الطاقة و تحسين معامل القدرة للمصانع.
- تزويد المعدات و قطع الغيار بجميع اشكالها في مجال الاخصاص.
- تصميم و تنفيذ أنظمة التحكم و الكهرباء على القوارب البحرية.





RINA  
Via Corsica, 12 - 16128 Genova  
Tel. +39 010 53851  
Fax +39 010 5351000

**CERTIFICATE OF APPROVAL  
OF SERVICE SUPPLIER**

**CERTIFICATE NO. 2020XE329-01**

*This is to certify that*

**MARINE ENGINEERING OF ELECTRICAL AND ELECTRONIC SYSTEMS**

**CORP**

FREE ZONE, AL HYRAFEYAH AREA,  
Aqaba JORDAN

*Has been approved in compliance with the*

*RINA "RULES FOR THE CERTIFICATION OF SERVICE SUPPLIERS"*

*for the supply of the following services to ships and other units classed by RINA;*

- F - Surveys and testing of radio communication equipment and Automatic Identification Systems (AIS)**
- J - Annual performance testing of Voyage Data Recorders (VDR) and simplified Voyage Data Recorders (S-VDR)**

*Issued in Cairo on*  
20/12/2020

*This Certificate is valid from the date of the initial audit until*  
09/12/2023

*This certificate consists of this sheet plus an attachment*



Shady N. EL-Matbouly  
Marine Surveyor, RINA EGYPT  
Shady El Matbouly



Endress+Hauser

Participant

Ramzi Zaher  
MEEES Corp  
Jordan

Seminar

Customer Seminar for the Chemical, Petrochem and Oil & Gas Industries

Date


8 - 12 October 2018

Topics

- Flow measurement - Selection and installation of flow devices
- Metrology and Flow calibration concept
- Calibration of measuring instruments
- Functional Safety concept - Design of instruments according to IEC61508
- Level for continuous- and point level measurement including Guided Wave Radar, Tuning fork and Radiometric technologies
- Reliable and Resistance pressure measurement
- Liquid analysis (pH, conductivity, ORP, turbidity, multiparameter transmitters)
- Analytical controls and measurement in chemical processes and utilities
- Factory tours through Endress+Hauser production centres for:
  - Flow (Coriolis, Vortex, thermal, ultrasonic, differential pressure)
  - Level (radar, ultrasonic, radiometric), pressure (ceramic, metallic) membrane
  - Temperature (RTD, thermocouples, temperature engineered solutions)
  - Traceable calibration rigs, Instruments for density, temperature, level and pressure, gas and liquid flow
  - Laboratory for product safety, electromagnetic compatibility and field applications
  - Fieldbus laboratory, interoperability, training; FF, Profibus, HART, OPC

The participant has successfully completed the seminar.

Reinach, 12 October 2018

  
Gustavo Stasiejko  
Industry Manager  
Chemical and Petrochemical Industry





partner in control



*This is to certify that*

Mr. Bilal Al-Khayyat

From

Marine Engineering of Electrical & Electronic Systems Corp

Has successfully attended the DEIF product

**PPU-3, PPM-3 & HMI-AGI 100  
Design & Service Training Programme**

Held at KDU World Wide Technical Services [FZC] Sharjah, UAE

From 21-07-2013 to 23-07-2013

Date: 23-07-2013

*Madhu*  
Madhu Thelakkat Mana  
Manager Electrical Systems





SITRAIN™

Training for automation and industrial networks

*This is to Certify that*

***Ramzi Ali Mahmmod Zaher***

*has attended a training course on*

***SIMATIC WinCC  
SCADA System Course  
ST-BWINCCS***

*For the period 23.12.2006 till 28.12.2006*

***F. A. Kettaneh & Co. Ltd.  
Siemens Representatives***

***Jordan Engineers Association  
Engineers Training Center***



**KETTANEH**

**SIEMENS**



NIPPON KAJI KYOKAI



**CERTIFICATE OF APPROVAL  
FOR  
FIRMS ENGAGED IN PERFORMANCE TESTS OF  
VOYAGE DATA RECORDERS**

Certificate No. : 19EQ1437VT

Approval No. : VT314

THIS IS TO CERTIFY that

**MARINE ENGINEERING OF  
ELECTRICAL & ELECTRONIC SYSTEMS Corp.**

Light industrial Area, P.O.Box 2346 Aqaba, 77110,  
JORDAN

is approved as a firm engaged in annual performance tests of the voyage data recorders under the Society's Rules for Approval of Manufacturers and Service Suppliers incorporating IACS UR Z17, as amended.

This approval is valid until 20 August 2022, subject to periodical assessment and the validity of the equipment manufactures' approval, and in association with the attachment to this certificate on which the applicable items to this approval are listed.

This certificate was issued at Tokyo on 20 November 2019.

See the conditions for approval on the reverse.

NIPPON KAJI KYOKAI

H. Kobayashi  
General Manager  
Material and Equipment Dept.



 **ClassNK** 



RINA  
Via Corsica, 12 - 16128 Genova  
Tel. +39 010 53851  
Fax +39 010 5351000

**CERTIFICATE OF APPROVAL  
OF SERVICE SUPPLIER**

CERTIFICATE NO. 2020XE01329-02

*This is to certify that*

**MARINE ENGINEERING OF ELECTRICAL AND ELECTRONIC SYSTEMS  
CORP**

FREE ZONE, AL HYRAFAYAH AREA,  
Aqaba JORDAN

*Has been approved in compliance with the  
RINA "RULES FOR THE CERTIFICATION OF SERVICE SUPPLIERS"  
for the supply of the following services to ships and other units classed by RINA;*

- L - Sound pressure level measurements of public address and general alarm systems on board ships
- Z - Inspection, repair and maintenance of electrical and electronic systems
- Z - Servicing of magnetic compass

*Issued in Cairo on*  
20/12/2020

*This Certificate is valid from the date of the initial audit until*  
16/12/2023

*This certificate consists of this sheet plus an attachment*



**RINA**  
Shady M. EL-Matbouly  
RINA EGYPT  
Shady-El Matbouly



## APPROVAL OF SERVICE SUPPLIERS

This is to certify that

**Marine Engineering of Electrical and Electronic Systems (MEEES Corp.)**

**Aqaba, Jordan**

is in full acceptance for  
**Inspection and testing of radio communication equipment and Automatic  
Identification Systems (AIS) , in accordance with Class Programme DNVGL-  
CP-0484.**

This service supplier certificate will be accepted for use with all rule sets published by DNV GL.  
**See the following page(s) for details regarding application.**

This Certificate is valid until **2022-10-23**.

Issued at **Egypt** on **2019-10-24**



for **DNV GL**

This document has been digitally signed and  
will therefore not have handwritten signatures.

**El Sisy, Mohamed Hisham**  
**Principal Surveyor SiO, NB, CMC,**  
**ISM/ISPS Auditor, MLC Inspector, ISO**  
**Auditor**

This Certificate may be withdrawn if:

1. The service provided has been improperly carried out or the results improperly reported.
2. The surveyor has found any deficiencies in the accepted operating systems of the service supplier.
3. The firm has failed to inform of any major changes having effect on the quality of the service rendered.
4. The conditions listed in the certificate are changed and/or are not fulfilled.



## Approval of Service Suppliers

Office: Dubai  
Date of issue: 22 October 2019  
This is to certify that: IMARINE ENGINEERING OF ELECTRICAL & ELECTRONIC SYSTEMS Corp.  
Light Industrial Area, Aqaba, Jordan.  
Postal 77110  
P.O.Box 2345 (hereinafter referred to as "Supplier")  
Tel: +96232019622 Fax: +96232019633 Email: [navigate@meescorp.com](mailto:navigate@meescorp.com), [technical@meescorp.com](mailto:technical@meescorp.com)

having been assessed hereby receives approval in accordance with the requirements of Lloyd's Register Procedures for Approval of Service Suppliers as Supplier from the address(es) listed above for the provision of
Annual performance testing of Voyage Data Recorders (VDR) and Simplified Voyage Data Recorders (S-VDR)
Kevin Hughes VDR & SVDR Headway VDR HMT-100A, VDR HMT-100, HMT-S100 Furuno: VR5000, VR3000S, VR3000, VR7000S, VR7000
Inspection, performance testing and maintenance of Automatic Identification Systems (AIS)
1- Ramzi Ali Zaher 2- Anas W. AlHamad 3- Abedalrahman Ramadan 4- Atallah Jamal Al-Essa
Inspection, performance testing and maintenance of Long Range Identification and Tracking (LRIT) Systems, and Ship Security Alert (SSA) Systems
1- Ramzi Ali Zaher 2- Anas W. AlHamad 3- Abedalrahman Ramadan 4- Atallah Jamal Al-Essa
Surveys and testing of radio communication equipment
1- Ramzi Ali Zaher 2- Anas W. AlHamad 3- Abedalrahman Ramadan 4- Atallah Jamal Al-Essa

This approval is conditional upon the Supplier maintaining the documented scheme as outlined by any member of the Lloyd's Register Group and hereby approved; and notifying Lloyd's Register in writing of any change to that scheme including any change in personnel, equipment or procedures.

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.  
Form 6800 (2019.08)



## TRAINING CERTIFICATE

Cat marine engine- Electronic diagnostic & troubleshooting training

Ramzi Zaher

Has successfully completed the Pon Power training

From:11.10.2016 - To:13.10.2016

*Emil Megrund*

Emil Megrund  
Pon Power Course Instructor





## CERTIFICATE OF ACHIEVEMENT

This is to certify that

**Ramzy ZAHER**

CQI Unique Delegate Number: 72580

Has successfully completed the course and passed the final examination of

**QMS Auditor/Lead Auditor ISO 9001:2015**

of the duration of 40 hours

held in CAIRO (Egypt) from 17-DEC-2017 to 21-DEC-2017



Certified Course nr. 18106  
by the CQI | IRCA

Printed / Signature  
L'Administratore Delegato  
Giorgio Saletti

Certificate number: 1673-383-6

Certificate date: 17-JAN-2018

Certificate guid: 338F6D74-90C5-4EC0-99C4-B95F25908AA3

Course code: CQ-62G



CATALOGO\_STD\_IRCA\_E\_EREN





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Navigate@meeescorp.com  
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Web : [www.meeescorp.com](http://www.meeescorp.com)