Mankind creates increasingly large objects. Our society can no longer do without bridges, ships, drilling rigs, refineries and other complex structures. Without due attention to quality and safety, these objects can pose a threat to people and to the environment. Checking material integrity and protection against corrosion and marine growth are therefore vitally important.

For 55 years, MME Group has been a leading and customer oriented supplier of products and services that make this possible. Our solutions help both companies and individuals to safeguard the integrity and profitability of their assets and products for their entire lifecycle.

**MME Group Specialties**

- Non-destructive Testing
- Metallurgical Laboratory
- Marine Surveys
- Rope Access
- NDT Training Courses
- Cathodic Protection (CP)
- MGPS (ICAF)
- Harbinger Boarding Equipment
MME Group is a globally operating, flexible and reliable partner for companies and organisations that are active in Offshore Oil & Gas, Offshore Wind, Shipping, Shipbuilding, Machine building, (Petro)chemical and Civil works industries. We know the inherent demands of all these areas and respond with high quality cost-effective services and products that comply with all requirements of our clients.
With Non-Destructive Testing we can determine the presence of invisible defects in materials, without negatively influencing the material. Defects that are found are judged according to the applicable quality standards. MME Group is highly specialised in this and carries out your material inspections in accordance with international rules, codes and standards. We do this both on the domestic market and abroad. We can also advise on NDT to your individual requirements. We can carry out most of the inspection methods using IRATA certified Rope Access.

Non-Destructive Testing shows invisible defects

- Ultrasonic Testing
- Radiographic Testing
- Digital Radiography
- Magnetic Particle Testing
- Dye Penetrant Testing
- Eddy Current Testing
- Visual Inspection
- Phased Array Ultrasonic Testing
- Automated Ultrasonic Testing
- Time-of-Flight Diffraction (ToFD)
- Thermography
- Hardness Testing

MME Group has an excellently equipped laboratory for non-destructive and destructive testing of metals and synthetic materials. Fabrication of test bars takes place in our dedicated workshop. Our team of qualified and experienced employees offers you high quality, fast, cost-effective and reliable services. Our laboratory is authorised to re-stamp materials and to execute welding method and welder qualifications. Besides our in-house laboratory testing we also carry out on-site tests.

Metallurgical Laboratory for Destructive Testing and Failure Analysis

MME Group provides the following services:

- Mechanical Testing
- Chemical Analysis
- Metallurgical Examination
- Failure Analysis
- Corrosion Testing
- Heat Treatment
Reliable determination of the condition of a vessel is not only important for the owner, but is more and more becoming a corporate social responsibility. MME Group is market leader in the field of marine inspections owing to its combination of knowledge, experience and optimised service. We provide accurate and relevant information to both vessel owners and managers around the globe. The information we provide allows them to manage these assets in such a way, that they deliver maximum ROI and comply with all applicable rules and regulations. We are certified by all major Class Societies and recognised by IACS.

Internationally recognized Marine Surveys

MME Group is your partner for the following marine services:

- Ultrasonic Thickness Measurements (UTM)
- Corrosion Inspections
- Steel and repair calculations
- Close-up Surveys
- Condition Assessment Programmes (CAP)
- Rope Access

Internationally recognized Marine Surveys

Whether you’re dealing with ships, harbour infrastructure, drydocks, drilling rigs or offshore wind turbines, corrosion poses a major threat to your investment. In fact, 4% GDP is wasted as a result of corrosion. Cathodic Protection is a particularly effective measure against this threat. MME Group has broad experience in designing, manufacturing and supplying sacrificial anodes for cathodic protection. Our in-house foundry delivers fast and cost-efficient solutions, both standard and tailor-made. Our vast range of standard anodes is directly available from stock.

Cathodic Protection with Sacrificial Anodes

Aluminium and zink anodes for:

- Shipping
- Harbour infrastructure
- Offshore (wind)
- Storage Tanks
- Leisure yachting

Cathodic Protection with Sacrificial Anodes

MME Group
Besides sacrificial anodes, corrosion can be prevented using intelligent electronic systems. These ICCP systems utilise impressed current. Reference cells measure the underwater potential and the output of the system is set accordingly. This guarantees a constant level of protection. This data can be monitored in real-time using MME Xchange™. The effectiveness of our ICCP systems has been proven on all vessel types and is also applied successfully on offshore rigs, offshore wind turbines and harbour installations.

Marine growth in sea chests, piping systems and heat exchangers jeopardises the performance of your vessel. To deal with this, MME Group has developed the Marine Growth Prevention System (MGPS), also known as Impressed Current Anti-Fouling (ICAF). The system dissolves a tiny amount of copper ions in the water making it impossible for biological growth to attach itself. Our compact M.A.G.I.C. (Marine Anti-Growth and Impressed Current) system combines MGPS and ICCP to protect sea water lines from both marine growth and corrosion.

Advantages of MME Group ICCP-systems:
• A Longer Life
• Condition based protection
• Proven technology
• Improved hydrodynamic properties compared to sacrificial anodes
• Active condition monitoring
• Extended docking intervals
• Project based engineering
• In-house FEM Analysis

Advantages of our MGPS system:
• Automatic control
• Integration in vessel management system
• Clean (box) coolers
• Plug & Protect ®
• MME Xchange™

Marine growth prevention for cooling water systems
A Longer Life is not limited to the object itself. The crew must be able to safely get to and from their working area. MME Group supplies a broad range of seawater resistant gangways and accommodation ladders for (seagoing) ships and offshore installations. We also supply tailor-made solutions according to the customer’s specifications.

Our gangways and accommodation ladders comply with all international rules and regulations as laid down in guidelines such as BSMA 78. Most types are available from stock in Rotterdam making fast delivery across Europe possible.

Harbinger Boarding Systems

NDT Training

Delivering quality requires qualified staff. Entrepreneurs that look ahead therefore invest in focussed training. Since 1969, MME Group has been offering NDT Training courses. These courses are taught according to the EN 473 and ISO 9712 guidelines. Furthermore, MME Group’s NDT Training Division is the examination institute for SKO, approved by the National Council for Accreditation (RvA). Besides specific training for recognised certificates for all mentioned inspection methods, we can provide bespoke courses, if desired on location.

Our NDT Training Division offers the following courses:

- Radiographic Testing
- Ultrasonic Testing
- Magnetic Particle Testing
- Dye Penetrant Testing
- Radiography film interpretation
- Visual inspection
- Eddy Current Testing
- Time-of-Flight Diffraction
- Phased Array
Nothing is more valuable than life. Both human life and that of our planet. MME Group is a leading customer-oriented provider of products and services that enable companies and individuals to safeguard the integrity and profitability of their assets and products for the entire lifecycle. In doing so, MME Group helps protect the lives of those involved with them: “A Longer Life”