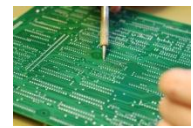




Our top 20 selected products and services

- PCB Repair

TECO Electronics AS are specialized in repairing printed circuit boards (PCB). We repair and recondition equipment from most international manufactures. Old existing automation systems often suffer from lack of spare parts and knowhow from the manufacturer. TECO Electronics have many years of experience in troubleshooting and doing service on these systems. We have a wide range of old and obsolete components, ready to serve your electronics.



- NorControl DC and AC automation systems



TECO Electronics AS have many years experience handling NorControl, DataChief and AutoChief systems, as several of our customers operate vessels with these systems installed. We also have several operating test stations, to check functionality and verify successful repair. Off-shelf components and spare parts for **DC-7, DC-1000 and DC-2000** are available for sale.

- IAMCS, Integrated Alarm Monitoring and Control Systems.

TECO Electronics AS has many years experience performing repair and total overhaul of ME alarm systems. Existing systems can usually be maintained at relatively low cost, even if the supply of spare parts from manufacture is limited, or even obsolete. We perform repair down on component level (even during onboard pcb repairs) and deliver replacement sensors for most types of systems: **Lyngsø, Terasaki, Norcontrol (Kongsberg), Autronica, Aconis, Selma and more.**



- Alfa Laval and Westfalia separator controls.



TECO Electronics AS offers complete reconditioning / test of Alfa-Laval and Westfalia control units for purifiers and separators. This includes models like:

Alfa-Laval: IPC-231C, EPC-30, IPC-231B, EPC-41, EPC-400, HEATPAC, MARST-1.

Westfalia: PLC 100



- Valmet Damatic automation system

Teco Electronics AS have more than 10 years of experience handling Valmet Classic system and many of our customers operate vessels with this system. We test the electronic cards in an operative alarm system to verify repairs. We can offer off-shelf components for sale.

- GASBAL, Fixed gas detection from Enraf



TECO Electronics AS cooperate with Enraf (by Honeywell) on stationery gas detection. The GASBAL™ system is designed to detect and analyse gas concentration in confined spaces such as ballast tanks, voids or dry spaces. The system scans each input and activates an alarm if the gas concentration is over the pre-set value. This gas detection system can be installed on board tankers, OBOs, offshore vessels and rigs. TECO Electronics have, for many years, serviced fixed gas-detection from many makers. **We perform inspection, calibration, repair, or even retrofit of old gas detection systems.**

- Power Supplies

Automation-, control- and alarm systems have one thing in common: Power Supplies. TECO Electronics AS offers complete recondition and test of many different types.



- AVR, Automatic Voltage Regulators



TECO Electronics AS offers complete recondition and test of most types of AVR's from makers like:

ABB, NEBB, TERASAKI, NISHISHIBA ELECTRIC, AVK, MARKON, FUJI ELECTRIC, UNELEC, LEROY SOMER, TDK ELECTRONICS, TAIYO and many more.

- Graviner / Schaller OMD, Oil Mist Detection

TECO Electronics AS offers complete recondition and test of control units for Graviner MK 5 and Schaller OMD's.



- Test equipment: Pressure-, temperature-, electrical- and gas test



Teco Electronics AS supply a great variety of calibration and test equipment to meet the regulation of SOLAS. We use only quality equipment for the best user interface and extended life span. We supply nearly all equipment protected in one customized suitcase. Instruments are carefully selected by TECO, together with the customer, to ensure all needs are covered. We perform calibration of instruments in Norway, Benelux, Dubai and Singapore. Ask for a rotation solution for your fleet.

NEWS 2012:

We now can offer TBS2, a complete calibration suitcase with 2 year calibration interval





Our top 20 selected products and services

- Monitors



TECO Electronic AS are specialized in supply of various types of monitors. Many older systems onboard vessels contain a monitor. Monitors are often very hard to get, or quite expensive to buy, directly from the system maker. We have long-time experience in supplying the correct types of monitors, and at a favorable price. We perform repair of obsolete CRTs, as well as sale of replacement monitors.

- NORIS IAMCS, retrofit for marine and offshore

TECO Electronics AS has for many years supplied turn-key solutions for the maritime- and offshore market. The NORIMOS 3000 is greatly applicable, robust and easy to maintain. Fast, and simple, system configuration via modular system architecture. It is extremely robust and insensitive to interference. Can be deployed in engine rooms in the immediate vicinity of the engine. The modular system architecture makes the system highly suitable for small working vessels, as well as for large ships.



- Bridge Remote Control, service partner for retrofit



TECO Electronics AS offers turn-key retrofit solutions of Bridge Remote Control Systems. By use of our highly qualified, and experienced Service Engineers, we can execute retrofits whilst ship is in service, or during dry-docking. We aim at being flexible in order to avoid off-hire costs for our customers.

- Power Management from Deif, service partner for retrofit

TECO Electronics AS offers turn-key retrofit solutions for Power Management Systems.

By use of our highly qualified Service Engineers, we can execute retrofits whilst ship is in service or during dry-docking. We exercise flexibility in order to avoid off-hire costs for our customers.



- KROHNE Skarpenord, service partner



Teco Electronics AS - approved service partner for KROHNE Skarpenord.

KROHNE Skarpenord offers a complete product line for all types of ships. The tank level gauging products have been installed on almost all types of ships, giving an unbeaten know-how in the field of marine tank-monitoring.

- Emerson Process Management, service partner

Teco Electronics AS - approved service partner for Emerson's Marine Tank Management division. Emerson covers integrated tank management systems, valve remote control, cargo tank gauging, ballast, void spaces, fuel oil, service tank monitoring and draft measurement, for all types of ships and offshore units.



- Enraf, service partner



Teco Electronics AS - approved service partners for Honeywell Marine (Enraf Auxitrol).

Honeywell offers precision level measurement solutions which includes: fixed systems for cargo management, radar gauges for cargo tanks, level and safety alarm systems, sensors, HERMetic portable tank gauging products, thermometers, valves and accessories.

- Consulting Engineers

TECO Electronics AS can offer a third-party objective Consulting Engineer, for assistance during larger projects, dry-docking and on a general basis. The benefit for our customers would be our long and vast experience with a wide range of systems from various manufacturers. This enables us to list pros and cons on the technical solutions offered by different makers, on small or large projects, for our customers.



- TECO Electronics, a world-wide supplier of service



Your fleet might not be trading in just one area. We keep track of your vessels and can supply service world-wide.

To be able to offer that we have offices, with workshops and service engineers, in strategic locations:

- ~ Porsgrunn, Norway (Head office)
- ~ Rotterdam
- ~ Singapore

- TECO MARITIME ASA Group

TECO MARITIME ASA supplies technical products and services to the maritime, offshore and land based industries. Our areas of operation are Coating Contracting, Marine & Offshore Cleaning, Marine Electronics and Test Equipment.

TECO MARITIME ASA's objective is to be the preferred, and most reliable, provider of technical products and services within our areas of operation. Know-how, quality and personal service, combined with a dedicated staff, are vital factors to achieve our objective. TECO MARITIME ASA operates a highly skilled, motivated and service minded workforce. Currently TECO MARITIME ASA have offices in Norway, Poland, The Netherlands, Singapore and the U.A.E.

