

# AEG

## ADVANCED ENGINEERING

Safety Quality Timely



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Safety Quality Timely



Oil & Gas



Offshore Marine



Transportation & Logistics



Medical & Laboratory

## ADVANCED ENGINEERING GROUP (INTERNATIONAL) PTE LTD

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## Our Vision

To be Market Leader in Providing Advanced Manufacturing and Engineering Solutions

## Our Mission

To achieve Total Customer Satisfaction by fostering long-term partnerships with our clients, in providing cost effective, highly efficient and quality services and products

## Company Profile

Advanced Engineering Group (International) Pte Ltd is a Singapore based company that delivers innovative Oil & Gas, Maritime and Transportation Products and Services of world-class quality in Southeast Asia. Having established relationships with several enterprises of the petroleum refineries and Maritime Industry in South East Asia, we have attracted a clientele of companies in Oil & Gas and Maritime Industry. **AEG is confident on leveraging upon our expertise to better serve your specific needs.** In addition, AEG is also advancing into medical and laboratory distribution, capable of meeting your needs in the medical sector.

AEG's key strengths lie in delivering EPC (Engineering, Procurement, Construction) projects. We boast a team of highly trained engineers and are capable of providing an advanced integrated manufacturing and engineering solution based on customers' needs. With Safety, Quality and Timely as our driving qualities, projects handled by AEG can be assured with high standards and results.

## Safety. Quality. Timely.

Your satisfaction is our operational goal.

## Core Competencies



Products



Engineering Services



Engineering Projects

# Certification and Accreditation

**Advanced Engineering Group (AEG)** has obtained the following certifications:

- ISO 45001:2018
- ISO 9001:2015
- BizSAFE STAR

These certifications are proof of AEG's commitment to bring to you products and services that are safe to employ and with quality assurance on a timely basis. that are safe to employ and with quality assurance on a timely basis.



OHS Certification

QMS Certification

bizSAFE STAR



**AEG** has also obtained TUV, ABS, DNV, RMRS and KR certifications for our wide range of products we carry, to provide assurance of our quality and safety to our customers.



# Key Customers & Track Record

AEG has established excellent track records with various Key Customers. Being able to deliver our products and services safely, timely and with high quality is what makes us your trusted and reliable partner.



## Supply/Installation/Commissioning

- Rubber Fenders and Accessories
- 12V Batteries
- Terminal Trailers
- Marine valves
- Stern Rollers
- Electric/Manual Chain Hoist Systems
- Accommodation/Ladder Reels
- Air compressors
- Portable Diesel Generators
- Accumulator Tanks
- Cables/Instrumentation works
- Rubber Washers
- Flow Meters/Temperature Sensors
- Medical/Laboratory Equipment
- Fire Fighting Pumps/Sprinkler System

## Machining

- Welding
- Turning
- Grinding and Milling
- On Site Machining

## Servicing/Repair/Overhaul/ Annual Maintenance

- Motors and Gear Box
- Engine Reconditioning
- Traction Machine
- Pumps
- Valves
- Centrifugal/Chemical Pumps
- Lifeboats and Load Test
- Generator Sets
- Air Compressors
- Trailers

## Fabrication

- Lifting pad eye
- Locking Device
- Crane Parts
- Cylinder Stands
- Manifolds
- Bug Blower
- Strainer
- Motor Base Plate
- Socket Covers

# Valves

**AEG** is the specialist in supplying, servicing and refurbishing valves of different materials, size and pressure ratings. All air and hydro tests are conducted in strict compliance to the American Petroleum Institute (API) standards.

We are proud to be the distributor of several valves and actuators companies. AEG is confident of providing a reliable supply of high quality valves that meet the stringent standards in the Oil & Gas and Marine Industry.

In addition, we are capable of providing timely servicing, repair and refurbishment of valves and other components to ensure minimal downtime for your operations. On project basis, we are highly capable of managing and executing shutdown maintenance (SDM) or turnaround successfully.



**Ball Valve**



**Butterfly Valve**



**Check Valve**



**Gate Valve**



**Globe Valve**



**Plug Valve**

# Pumps

**AEG** is the specialist in supplying, servicing and refurbishing of pumps of different types of pumps. AEG provides reliable supply with timely servicing to minimize downtime of clients' operations.

We are proud to be the distributor of reputable pumps companies. AEG is confident of providing a reliable supply of high quality pumps that meet the stringent standards in the Oil & Gas and Marine Industry.

In addition, we are capable of fabricating different types of skids to meet customers' requirements.



**Diaphragm Pump**



**Plunger Pump**



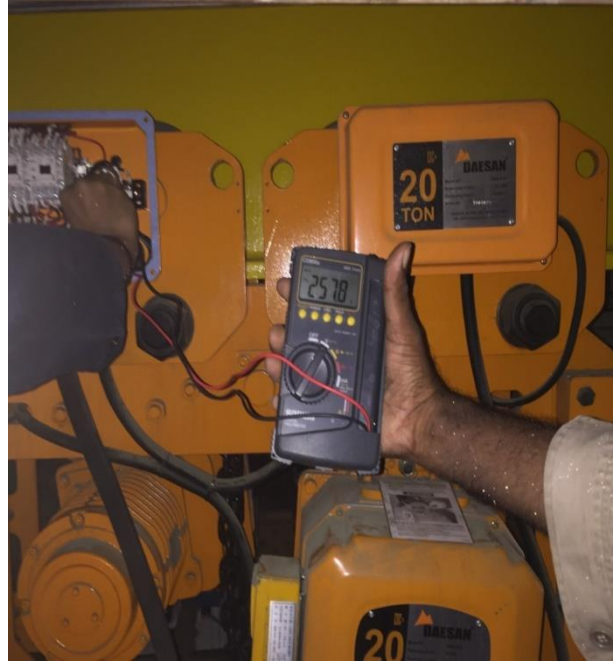
**Double Acting  
Piston Pump**



**Centrifugal Pump**

# Electrical & Instrumentation

**AEG** has the capability to supply, install and commission various electrical instruments and conduct servicing and installation works, meeting stringent standards in the oil and gas industry. We also provide onsite electrical cable installation works in plants and factories.





# Electrical & Instrumentation

## Products



5900S with parabolic antenna

5900S with stillpipe array antenna

5900S with horn antenna

2410 tank hub

### Tank Gauging System



### Flow Meters



### Pressure Gauges



### Ultrasonic Level Transmitter



### Digital Indicators



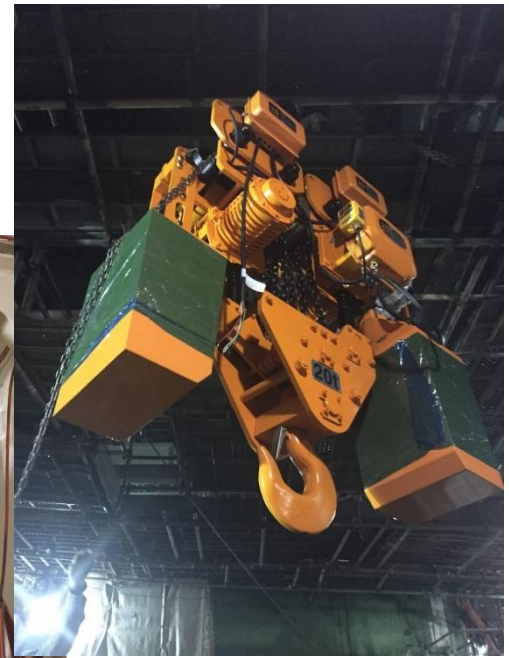
### Transmitters & Sensors

# Chain Hoists

**AEG** specializes in supplying, servicing, installation and commissioning of Chain Hoists, including manual and automatic systems.

We are proud to be the distributor of several chain hoist companies. AEG is confident of providing a reliable supply of high quality chain hoist that meet the stringent standards in the Oil & Gas and Marine Industry.

In addition, we are capable of providing timely commissioning of chain hoist and other components to ensure minimal downtime for your operations.



# Ship Components

**AEG** is able to supply, install and commission stern rollers that are different class (ABS, DNV, RMRS and etc.), improving your deck operations in the most efficient manner.



**Stern Roller**

AEG also has the capability to supply, service and install a wide range of other ship components.



**Marine Shafting**



**Winches**



**Rudder**

# Generator Systems

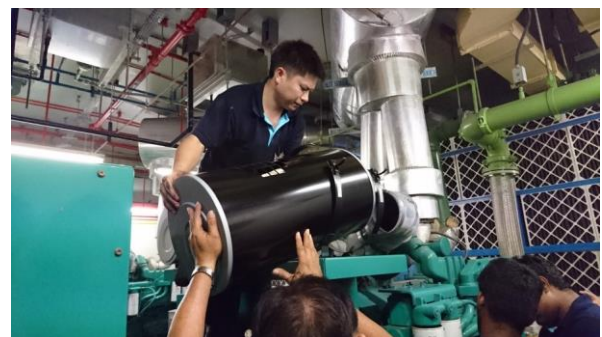
At **AEG**, we pride ourselves on our ability and expertise in the supply and maintenance of Generator Systems for use in power stations and oil fields. We provide a wide range of technologies in our generator packages. With our capabilities in Generator Systems, we can ensure a minimum downtime in your operations with efficient delivery and servicing.



**Motor Generator**



**Diesel Generator**



**Quality and Efficient  
Maintenance / Servicing of  
Generators**

# Trailers

**AEG** is a specialist in supplying, servicing and commissioning of trailers. We are able to customize different types of trailers according to your needs and also provide standard types of trailers.



**Container Series**



**Cargo Series**



**Dump Series**



**Lowbed Series**



**Special Vehicle Series**



**Special Vehicle Series**

# Port Automation

**AEG** is able to provide automation systems in our clients' gate operations, crane operations and rail operations, enhancing security and safety in ports. Each automation system demonstrates high performance and reliability, providing not only convenience to clients' operations, but also deliver safety and security.



Gate Operations



Crane Operations



CCTV Operations



Rail Operations

# Rubber Fenders

**AEG** has the capability to supply Rubber Fenders of many different types. Rubber Fenders are important for ship docking and AEG is able to deliver Rubber Fenders that are suitable for your needs.



**Cylindrical Fender**



**Pneumatic Fender**



**Cone Fender**



**Roller Fender**



**Cell Fender**



**D Fender**

# Fire Fighting & Protection

**AEG** provides a reliable solution to your **fire fighting pump** needs by combining the stringent quality measures of UL/FM and NFPA standards with our proven experience in the fire protection field. We can offer a complete package of service starting from engineering assistance to field start-up and periodic maintenance.



**End Suction**



**Electric Motor Fire Pump Controller**



**Diesel Engine Fire Pump Controller**



**Horizontal Split Case**

In addition, **AEG** is also able to supply and install **Auto-Fire Sprinkler System**. This is the most widely used fire protection system today, applying the right amount of water, in the right place, at the right time.



**Sprinklers**



**Wet Alarm Valve**



**Zone Control Valve**

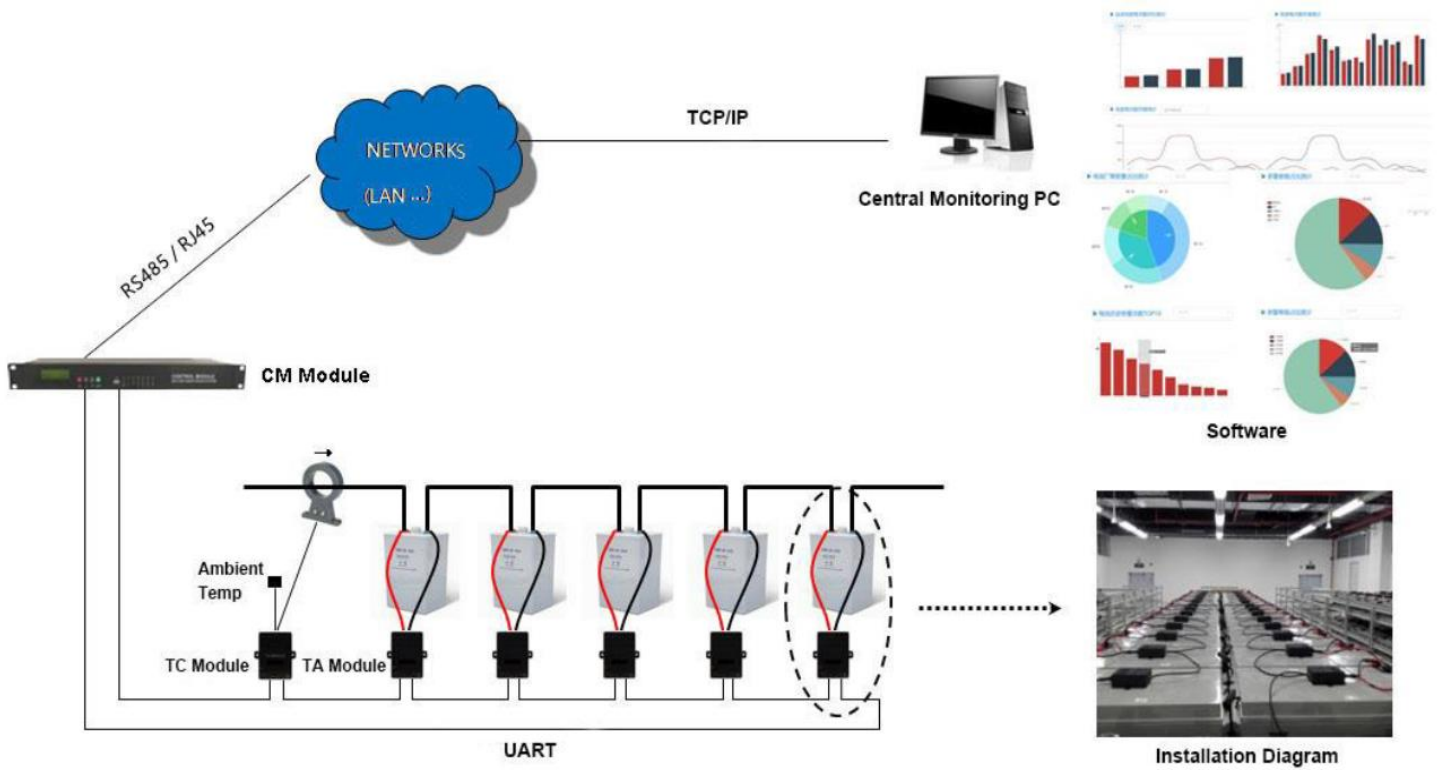


**Sprinkler System**



# Battery Monitoring System

**AEG** has the capability to supply BMS and deliver different types of batteries. We provide a large range of batteries, such as:



# Medical & Laboratory

**AEG** is capable of meeting your medical and laboratory needs, as we carry a whole range of products such as laboratory freezers, spectrophotometer, biological safety cabinets, fume hoods, showers, glassware and many other equipment and apparatus.



Fume Hood



Biological Safety Cabinet



Spectrophotometer



Refrigerated Centrifuge



Refrigerators and Freezers

Very often, laboratories will require customized products that cannot be readily found in the market, such as highly specific piping systems, metallic chambers, etc. **AEG** is able to meet your customized needs as we have an in-house production capable of fabrication and machining services.

# Engineering Services

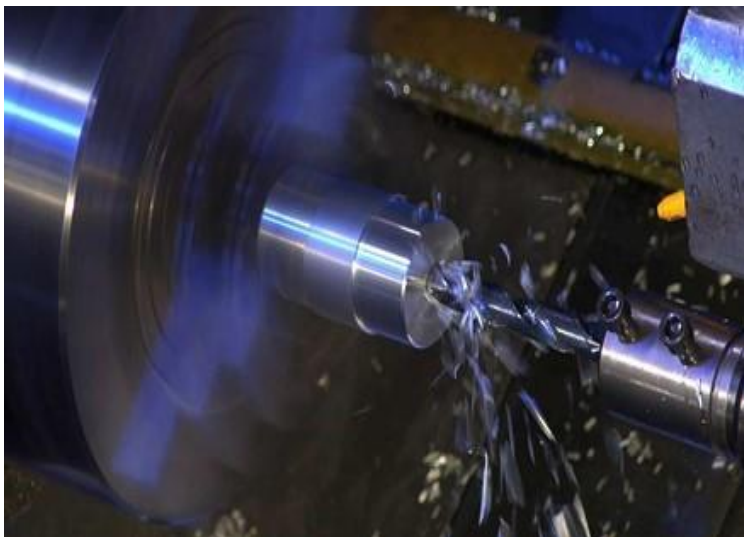
## Machining

Advanced Engineering Group (AEG) is capable of machining high quality work that meets the special requirements of our partners.

We are fully equipped with lathe and CNC machine to deliver solution that meet clients' specific needs. AEG is able to provide high quality and cost-effective machining solutions to our clients. Our machining capability includes: On-site machining, Grinding & Milling and Turning.



**In-house machine**



**Grinding & Milling**



**Turning**

# Engineering Services

## Design & Fabrication

Advanced Engineering Group (AEG) is capable of high quality fabrication work. We are able to fabricate metallic products that meets the special requirements of our partners.

We are fully equipped to deliver engineered equipment and services that meet clients' specific needs. With our machining and fabrication workshop that is fully equipped with a wide array of machineries, AEG is able to provide high quality and cost-effective fabrication solutions to our clients.



**Fabrication of Pump Skids**



**Fabrication of Strainer**



**Fabrication of Manifolds**



**Fabrication of Bug Blower Stands**

# Engineering Services

## Services

Advanced Engineering Group (AEG) is capable of servicing, refurbishing, repairing, overhauling, installing and commissioning high quality products that meets the special requirements of our partners

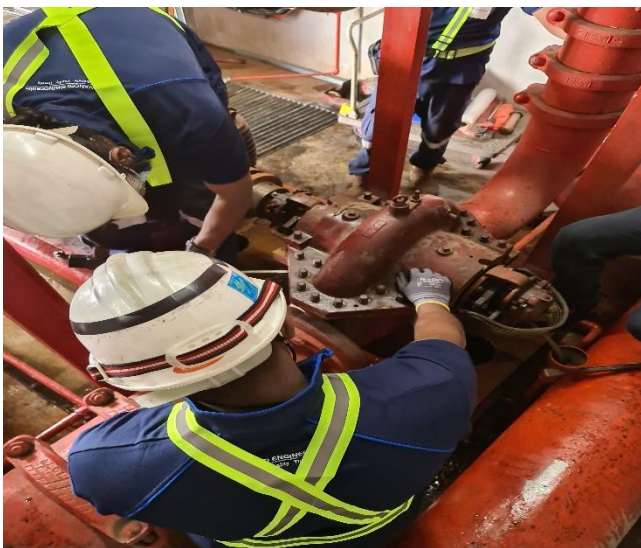
AEG is able to provide high quality and cost-effective services solutions to our clients.



**Overhaul and Servicing of Traction Motors**



**Installation and commissioning of flowmeters**



**Valve and Pumps Servicing**



**Safety.  
Quality.  
Timely.**



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