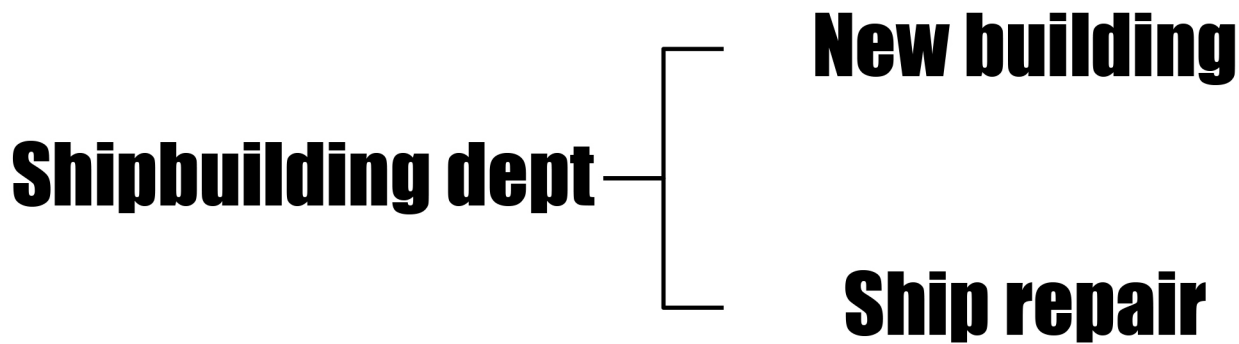


SHIPBUILDING DEPT



Shipbuilding dept. is one of the biggest departments in portside Shipyard involves in all Shipbuilding processes in new building Such as ferries , tugs , cranes , barges and floatingbridges Also shipbuilding dept, carry out repair processes for all the units of Suez canal authority and other customers such as bulk carriers , large ferries , dredgers , tugs .. Etc.

Shipbuilding dept. has the most experienced staff of engineers and skilled workers

FACILITIES

CNC Cutting Machine:

Enter service in 2019

Cutting processes up to 50 mm with plasma cutting to achieve the accuracy required

Cutting processes up to 200 mm with oxy-acetylene cutting

Marking with plasma

Marking with powder

Plate max. dim. 12000 mm length , 2500 mm width

Mirror image cutting option

Suitability for cutting a wide variety of material High nesting programs AVEVA makes optimal use of raw material



FACILITIES

Forming Machine:

**Vertical hydraulic portal press capacity up to 700 ton ,
manufacture Van de Graff , Holland**



Forming Machine:

**Vertical hydraulic single column press capacity up to 500 ton
, manufacture Wagner Dortmund , Germany**



FACILITIES

Rolling Machine:

M/C Heisteel , Denmark

min. diameter 750 mm , pipe max. length 4800 mm



Rolling Machine:

Hydraulic Plate Bending Machine Model EMO 40-25 sertom ,

Italy min. diameter 520 mm , pipe max. length 2500 mm



FACILITIES

Column & boom welding machine for welding pipes :

Manufacture air liquid , France

Max. external welding pipe length 6000 mm , max. diameter 2000 mm

Min. internal welding pipe length 3000 mm , min diameter 600 mm

max thickness 65mm



Welding process facilities:

Manual welding

Submerged Arc welding

Gas metal arc welding

Argon welding

Testing process facilities:

Hull thickness measurement Grade I level II UT

**X-Ray unit for industrial radiography for hull welding defects
till 25 mm**