### PORTSAID SHIPYARD



# Oxygen Plant

- Oxygen plant capacity is 100 m<sup>3</sup>/hr with high purity of 99.6 %
- The oxygen production used for industrial and medical purposes.
- The production of the plant can reach up to 90000 of 7 m<sup>3</sup> oxygen cylinder per year.





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# Acetylene Plant

- Acetylene generated from calcium carbide is dry and free of phosphorated hydrogen content according to specifications with high purity of 99.5 %
- Acetylene plant design capacity is 90 m³/hr
- The production of the plant can reach up to 36000 of 6 m<sup>3</sup> acetylene cylinder per year.





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### Cylinder Testing Workshop

- Testing oxygen and acetylene cylinder and making sure that they are safe to use for high pressure.
- Testing oxygen cylinder by direct expansion and water jacket up to 250 bar.
- Repairing oxygen / acetylene cylinder's valves and cleaning oxygen cylinders internally by cylinder cleaner.



