



**Knowledge  
Experience  
Quality**

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## OUR VISION ..

Maintain our market leadership position; for we are considered to be the Egyptian industrial benchmark against which, all other local Manufacturers compare their products accordingly to our standards.



## OUR MISSION ..

### Pursuing our vision – we aim to:

- Acquire and apply the highest S.S. international standards is a major characteristic in all of our lifetime lasting quality products.
- Provide the best quality products by applying the highest level of professionalism and integrity in the manufacturing industry.
- Present advanced technologies through strong partnership with reliable foreign suppliers / manufacturers devoted to continuous development and products innovation.
- Maintain a level of customer service that will satisfy our clients.
- Developing our certified welders and motivated employees to attain excellence in their individual skills, responsibilities and capabilities.
- Ensuring that all actions and decisions are being made with the objectives of growth and expansion of ASG in a continuously global changing economy.

## PRODUCTS SCOPE AND RANGE ..

Future products are mainly measured through environmental corroborative technologies, user friendly, efficiency and also smart value for money. "Permanent change and ongoing development is the future markets leadership watch-words". This leads to more intensive competition.;

ASG focuses vividly on enhancing and fabricating special custom built machinery and turnkey projects. We're also specialized in technical engineering, Fabrication and installation.

### Listed here below, some of our major range of products and services:

- Reactors, pressurized vessels, storage tanks used in different industries (Food, drinks, cosmetics, pharmaceuticals, chemicals, paints ... etc).
- Mixing vessels, condensers, heat exchangers.
- Ventilation Systems.
- Dryers and evaporators.
- Piping and pipelines.
- Production lines.
- Industrial Refeferation system.
- Fire fighting network.



**BOILER FULL REHABILITATION ..**

Complete refurbishment of Steam Generators on full turn-key basis in order to restore the design output, provide fuel conversion. reduce emissions, and provide boiler up-grade and / or modernization when requested.

Rehabilitation works can include, where appropriate:

- Design / re-design (if necessary); supply of new equipment and components.
- Repair / overhauling of systems and components necessary to ensure sustained commercial, safe and reliable operation at rated output (recovering availability and efficiency).
- Dismantling, erection, commissioning, trial operation and Performance Guarantee Testing.



**A BETTER USE OF ENERGY ..**

We provide engineering solutions for to reduce power consumption in steam boilers systems by means of increasing system efficiency and decreasing energy losses.

We design, supply and install all required components for a better use of energy in your boiler system:

- Heat Recovery Systems.
- Energy monitoring.
- Burner optimization.

**STEAM BOILERS ..**

Boilers Rehabilitation Projects	Brand	Working pressure	Test pressure	Client
Rehabilitation of boiler steam capacity 45 ton/h	Stander cassel " mode of German "	23 bar	34.5 bar	Salt soda - Alexandria
Rehabilitation of boiler steam	Techno Commerce	23 bar	34.5 bar	Tanta Oil and Soap
Rehabilitation of boiler steam capacity 35 ton/h	-	60 bar	90 bar	Egyptian Salts and Metals " Emisal "
Rehabilitation of boiler steam capacity 23 ton/h	Tacoma 1 " made of Japanese "	24 Kg/cm <sup>2</sup>	36 bar	Alexandria Oils and Soap " kafr El-Sheikh "
Rehabilitation of boiler steam capacity 23 ton/h	Tacoma 1 " made of Japanese "	24 Kg/cm <sup>2</sup>	36 bar	Alexandria Oils and Soap " kafr El-Zayat "
Rehabilitation of boiler steam capacity 9 ton/h	HANS WULFF " GERMAN "	-	-	Farm Frites
Rehabilitation of boiler steam capacity 7.5 ton/h	The Loss " GERMAN "	-	-	Farm Frites
Rehabilitation of boiler steam	Tacoma 1 " model "NPO – 200DS "	40 bar	60 bar	Starch and Glucose Campany
Rehabilitation of boiler steam capacity 6 ton/h	Techno Cammerce	-	-	Tanta Oil and Soap
Rehabilitation of boiler steam capacity 12 ton/h	Techno Cammerce	-	-	Tanta Oil and Soap
Rehabilitation of boiler steam	Tacoma " made of Japanese "	24 Kg/cm <sup>2</sup>	36 bar	Alexandria Oils and Soap " kafr El-Zayat "



## API STORAGE TANKS :

ASG provides customers with field erected tanks & shop fabricated tanks, built in strict accordance with the American Petroleum Institute's ( API ) standards. We are up-to-date on the latest new, news, policies, and design requirements. ASG provides custom design, fabrication and erection of tanks that meet API standards and customer specific requirements. With in-house engineering, experienced drafters, complete fabrication capabilities and field crews located throughout the country, we will be there when you need us.

## SERVICES ..

Engineering, Design, Fabrication & Erection.

API Tanks up to 360' diameter.

Custom Tank Accessories.

Seal Installation.

Hydro Testing.

Hydro Pneumatic Testing.

- Maintenance & Repair Services.
- Stainless Steel Tanks.

## API 650 STANDARD :

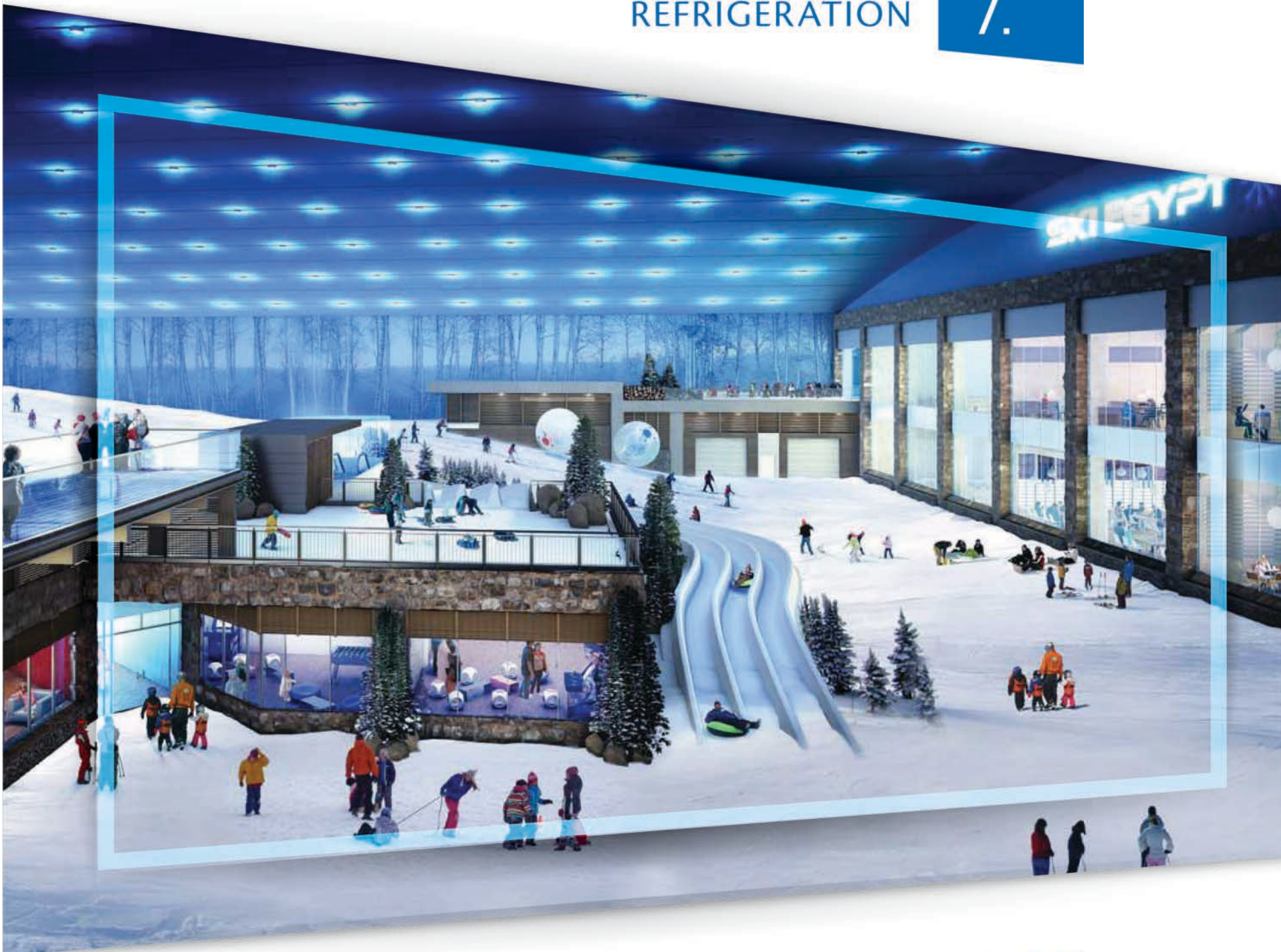
API 650 is the standard governing welded tanks for oil storage. It dictates tank design, fabrication, welding, inspection, and erection requirements. API 650 is widely used for tanks that are designed to internal pressures has extensive experience with API 650 tanks ranging in diameter from 8" – 300" for refineries, terminals, pipeline facilities and other clients.



## TANK MATERIAL TYPES ..

- Carbon Steel.
- Stainless Steel.





## INDUSTRIAL REFRIGERATION INSTALLATIONS :

Cold Stores, facilities or even SKI EGYPT. Industrial refrigeration installation and cooling equipment solution can be installed by our experts to ensure you meet all your refrigeration needs



## CODES :

- ASME section IX
- ASME B31.3

## MATERIALS :

- Stainless: All grades including nickel alloys.
- Carbon Steel: All grades.



Of course, being able to consistently finish installation projects on time and on budget is easier said than done. It requires a lot more than simply "trying hard. Our extensive in refrigeration equipment installation has taught us to spot potential problems ahead of time that many of our competitors overlook." It also allows us to build in contingency plans so that surprises are never allowed to bring your project to halt.

## PIPE WORK :

Due to wide variety of custom metal we do, we managed to maintain a strong list qualification and certifications. These are needed to meet the ultimate trust & satisfaction of our entire clientele grid of governmental sectors and custom built requirements. The high quality standards expected of International code assure our customers that our quality is absolutely second to none.

## NESTLE ..

- Continuous development of Ice Cream Refrigeration plant over the past 10 years. ( Johnson Control ).
- Installation of CO2 Refrigeration System at Ice cream plant ( Johnson Control ).
- Installation of CO2 Refrigeration System at Nestle Kafr El Dawar Plant ( Johnson Control ).
- Rehabilitation of Refrigeration System at Baragel Plant ( Johnson Control ).
- Installation of Ammonia Refrigeration System at Nestle Mansoura Plant.
- Installation of Ammonia Refrigeration System at Nestle Assuit Plant.
- Rehabilitation of Refrigeration system at Bebawy Obour Cold Store.
- Installation of Firefighting networks.
- Installation of Boiler and Steam network.



## FARM FRITES ..

- Rehabilitation of Refrigeration system at 10th of Ramadan Plant ( Johnson Control ).
- Installation works on 1st Stage of Wadi El Natron Plant.
- Installation of Fire Fighting and Foam System.
- Fabrication and Installation of Firefighting Water tank.
- Installation of Factory piping network.
- Fabrication and Installation of Oil tanks.



## GEA ..

- Ski Egypt – Mall of Egypt.
- Installation of Ammonia & Glycol refrigeration System.
  - Installation of Snow Making System & Air Compressors (Atlas Copco).



## CHIPSY ..

- Rehabilitation of Refrigeration system (GEA).



## AL SABEEL (HEGAZY GROUP) ..

- Installation of Ammonia and Glycol Refrigeration system at Al Sadat Cold Store.

## EDITA ..

- Installation of Condensate project.
- Fabrication and installation of hot water tanks.
- Maintenance of Steam boilers.



## JOHNSON CONTROLS ..

- The Transfer Of Tank Capacity 57.2 M<sup>3</sup>. B. Tank Manufacturing of cold water capacity 57.2 M<sup>3</sup>.
- Tank Manufacturing of cold water capacity 15.9M<sup>3</sup>.
- Installation Of Ammonia cooling stations Temperature -900.



## EGYPT GAS ..

- Fabrication Fire Fighting Line .
- Maintenance of Boilers (Stabilizer Boiler E).
- Maintenance of Heat Exchanger.
- Maintenance of Heater.



## GREENLAND ..

- Fabrication of Stainless Steel Tanks.
- Installation of Stainless Steel pipe lines.



## JUHAYNA ..

- Fabrication of Stainless Steel Tanks.
- Maintenance of boilers and flame tubes.



## DANONE ..

- Installation of Stainless Steel pipe lines.



## UNITED OIL ..

- Construction of 10th of Ramadan Plant including piping network and Tanks for oil refinery.



## EGYPTIAN STARCH AND GLUCOSE ..

- Maintenance of boilers (Denmark) .
- Maintenance of boilers Water Tube 25 ton capacity (Tacoma Japanese).



## AKZO NOBEL ..

- Fabrication of Stainless Steel Tanks.
- Installing SANDVIK belt materials technology.



## PYRAMID POULTRY ..

- Construction of 5 Storage tanks 1400 Ton Capacity each.



## HEINZ ..

- Installation of factory piping network.
- Fabrication and installation of oil tanks.
- Maintenance work for steam boilers and network.
- Installation of production line.

