

COMPANY PROFILE

APEC HOLDING



UP DATED IN 2015

APEC HOLDING PROFILE

❖ Company Overview

➤ Summary of main activities

ICTR Group was founded and established in year 2003 with main Head Office in Dubai UAE. Subsidiary companies of this group were strategically located in the heart of the major cities of Iran, UAE and Korea. Along with the successful years of this group, we are continually expanding our market. Early 2012 the name of the group has been changed to **Apec holding** as the mother company. **APEC** is engaged into Importation and Exportation of Oil and Gas Product and Equipment's, Oil and Gas Instrumentation, Vessel Leasing for Oil Products, Oil Project, Platform Supply & Service Vessel, Power Plant & Power Plant Equipment's, Steel & Stainless Steel Products. At the end of March 2014, two entities had been registered by the name of **ASIA Pacific Energy Corporation** in Labuan, Malaysia and **APEC Pacific Energy Corporation** in Russia respectively.

❖ APEC holding Companies

➤ APEC holding

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❖ APEC Managers

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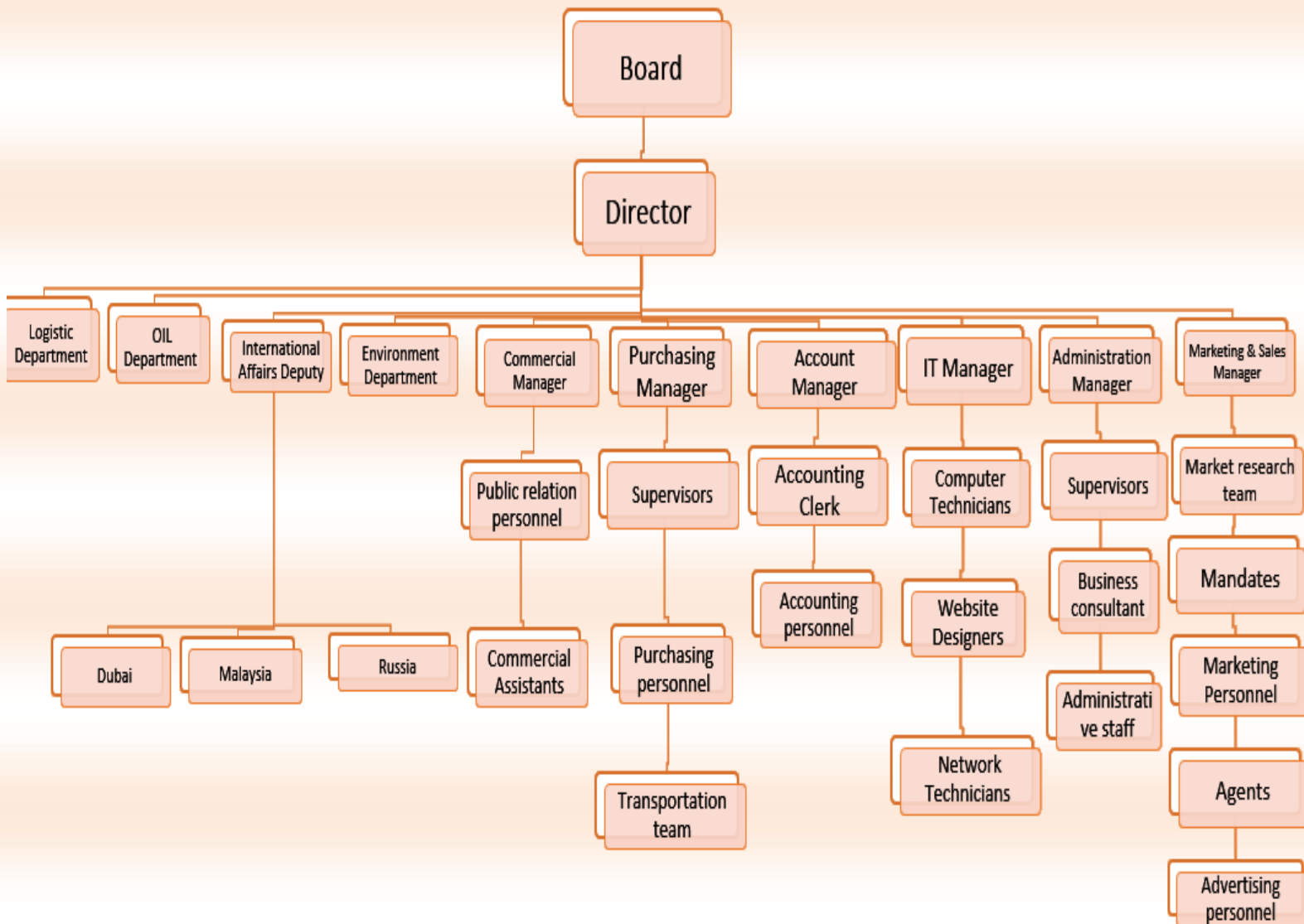
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❖ Company Organization Chart



Business Strategy

➤ Overview

APEC strategy is to build long term business relationship with clients. With their support, the company aims to maximize the potential of our traditional business – through a combination of enhanced quality of service, creative marketing, innovative pricing and cost efficiency. **APEC** is committed to follow standards of business integrity everywhere we operate. This company is working to meet the needs that the clients have today and wants all of its clients to be completely satisfied with our wide array of services.

APEC's policy is to achieve best practice in its standards of business integrity for all its activities. Always has to be trustworthy, helpful, straight forward and inspiring.

APEC is very well aware that doing business in an environment which is increasingly competitive and dynamic requires confidence, determination and enthusiasm in the pursuit of achieving its financial goals.

❖ Main Markets

- South Korea, IR of Iran , United Arab Emirates, China, Turkey, India, Thailand.

❖ Apec holding Joint Ventures Companies

- Sungjin Geotec – Ulsan, Korea
- SEHWA Group – Busan, Korea
- Euro Trading Rus Corp – Moscow, Russia
- Rotation Energy- Jalarta, Indonesia
- ECO Energy- Kuala Lumpur, Malaysia

❖ Apec holding Top suppliers and clients

APEC now has commercial dealings with some huge companies in Korea, Iran, UAE and try to gain better chance in commercial world:

- JS Cable Company (cable manufacture) – Seoul, Korea
- Ace Valve Company (valves manufacture) – Kyungnam, Korea
- SBC Bend (pipe fittings manufacture) - Gyeongsangnam-do, Korea
- Song Dong Pipe Co., Ltd (steel pipe manufacture) – Choongcheongnam-Do, Korea
- Daewoo Welding Machine Company- Korea
- JUNJINCSM Co., Ltd (heavy machinery) - Chungnam, Korea
- Iran Mobarake Steel (steel manufacture) – Esfahan, Iran
- Target Heavy Equipment Trading LLC (heavy machinery) – Dubai, UAE
- Green House Trading Co. LLC (heavy machinery) – Dubai, UAE
- Petrozon Oil – (oil product) Abudahbi, UAE
- P.Petroleum Enterprise Co. Ltd – Bangkok, Thailand

APEC has very close partnership with major Iranian EPC clients such as IOEC, OIEC, PKSK, Rajae Institute, Sadra, ISOICO, etc. Furthermore, **APEC** has competitive business networks with Oil Ministry, NIOC, POGC, NIOEC, Kharg Petrochemical Co, Imam Khomeini Petrochemical, etc. **APEC** projects during the 2011 & 2012 are amounted to around 600,000,000 Euro. **APEC** now has a good relations with Joint Ventures companies and trying to develop more business with them.

❖ OIL DEPARTMENT

➤ Oil and Oil & Gas Products

1. Crude Oil – Light & Heavy
2. Mazut 280 & 380
3. Condensate
4. LPG – Butane & Propane
5. Methanol
6. Sulfur – Prilled, Granular & Lump
7. Bitumen – 40/50, 60/70 & 80-85/100
8. Base Oil SN500

➤ Mechanical Equipment & Machinery

1. Pumps and Compressors
2. Double Skin Jacketed Pump for Molten Sulfur
3. Double Skin Jacketed Pump for Polymer
4. Urea Melt Line Pump
5. Reciprocating Pump
6. HVAC Equipments
7. Cooling
8. Ventilation
9. Purification
10. Humidity control
11. Radiators
12. Packaged HVAC Equipments
13. Transporting Equipments
14. Lifting Equipments and accessories
15. Conveyors and accessories
16. Drum handling Equipments
17. Industrial trucks
18. Shelving and storage
19. Waters treatment equipments
20. Sewage & wastewater primary treatment facility
21. Sludge treatment facility
22. Sludge Cake disposal Equipments
23. Parts for filtering or purifying machinery
24. Water treatment and supply Equipments
25. Water filtration facility
26. Dewatering Equipments
27. Biological Sewage & Wastewater (Secondary) Treatment Facilities
28. Bacterial removal Equipments
29. Chlorines treatment Equipments
30. Desalination Equipments
31. Ozone treatment/ Ozonizer facility
32. Float separator

33. Other waterworks facility & Equipments
34. Water treatment consumables
35. Combustion Equipments
36. Boilers
37. Furnaces
38. Refractory
39. Desecrator
40. Air pollution control equipments
41. Dust collectors & part
42. VOCs & Odor control equipment
43. NOx reduction facility
44. Desulphurization facility
45. Dioxins control Equipments
46. CO2 emission control Equipments
47. Blowers & Fan
48. Fans
49. Blowers

- **Mining machinery and accessories**

1. Mining and quarrying machinery and equipment
2. Oil and gas drilling and exploration equipment
3. Well drilling and operation equipment
4. Oil and gas operating and production equipment
5. Oil and gas drilling and operation materials

- **Heat exchangers**

1. Plate type Heat exchangers
2. Tube & Pipe type Heat exchangers
3. Block type Heat exchangers

- **Drivers**

1. Power sources
2. Power generators
3. Power generation equipments

- **Tanks and Columns**

1. Storage tanks
2. Column or Tower
3. Hopper
4. Glass Lined Vessel
5. Accessories

- **Drying Equipments**

1. Air Dryer

2. Vacuum Dryer
3. Fluidized Bed Dryer
4. Rotary Drum Dryer
5. Spray dryers
6. Gas & Liquid Dryer

- **Refrigeration Equipments**

1. Freeze drying Equipments
2. Walk in freezers
3. Combined refrigerator freezers
4. Plate freezers
5. Refrigerated tanks

- **Mixers or Agitators**

1. Mixer
2. Mechanical Agitator
3. Static Mixer

- **Reactor and Accessories**

1. Reactor
2. Reactor Jet Cleaning Unit

- **Gas Generators**

1. Ozone Generator
2. Oxygen Generator
3. Hydrogen Generator Unit
4. Hydrogen Purification Unit
5. Nitrogen Generator System

- **Pipes, Valves & Fittings**

- **Fluid and Gas Distribution**

1. Valves
2. Pipe fittings
3. Pipe
4. Hardware and fittings
5. Traps and strainers
6. Fluid and gas regulators
7. Pipe flanges

- **Hardware**

1. Couplings
2. Bolts
3. Nuts
4. Screws
5. Clamps

6. Washers
7. Anchors
8. Rivets
9. Brackets and braces
10. Connectors
11. Retaining hardware
12. Miscellaneous hardware

- **Gaskets and Seals**

1. Gaskets
2. Seals
3. Packings and glands

- **Instrumentation & Control**

- **Liquid and gas flow measuring and observing instruments**

1. Flow meters
2. Oil gauges
3. Water meters
4. Rhymesters
5. Gas meters
6. Flow transmitters
7. Underground water level meters

- **Weight measuring instruments**

1. Floor or platform scales
2. Automatic selective scales
3. Truck or rail scales
4. Moisture balances
5. Conveyor weighting scales
6. Analytical balances
7. Weight measuring instrument accessories
8. Texture analysis testers
9. Crane scales
10. Thermo gravimeters
11. Hopper scales
12. Weight prototypes

- **Pressure measuring and control instruments**

1. Liquid level controls or instruments
2. Pressure transmitters
3. Pressure indicators
4. Pressure regulator
5. Bursting pressure testers
6. Depth gauges

7. Vacuum gauges
8. Pressure controllers
9. Pressure calibrators
10. Vapor pressure measuring instruments
11. Capillary pressure testers
12. Pressure drop gauges

- **Mechanical instruments**

1. Torque limiter
2. Noise and vibration precision analysis systems
3. Dynamometers
4. Extensometers
5. Roundness testing instruments
6. Speedometers
7. Spring testing machines
8. Surface testers
9. Tensiometers
10. Softness testers
11. Body of rotation balance testers
12. Eccentricity measuring instruments
13. Twist vibration measuring instruments
14. Centrifugal force testers
15. Variable pitch propeller experimental Equipments
16. Cutting force measuring instruments
17. Hydraulic bulge testers
18. Zipper endurance testers
19. Tug and trolley systems
20. Exfoliation testers
21. Drop testers
22. Air compressor testers
23. Gear testers
24. Test bars
25. Caster testers
26. Pneumatic cylinder test systems
27. Gas oven testers
28. Hydraulic testers
29. Oil filter testers
30. Air cleaner testers
31. Grindstone grade testers
32. Aging testers
33. Belt testers
34. Bore erosion gauges
35. Rivet gauges

36. Whirling of shafts apparatus
37. Repeat endurance testers
38. Stability test apparatus
39. Screw jack load testing instruments
40. Planer motion mechanism measuring instruments
41. Writing distance testers
42. Tire running testers
43. Bonding stress testers
44. Electric cord winding testers
45. Door open and close testers

- **Sound generating and measuring Equipments**

1. Acoustic generators
2. Underground pipe and cable detectors
3. Sonars
4. Sonometers
5. Sound measuring apparatus or decibel meter
6. Acoustic testing rooms
7. Noise generators
8. Water pipe leak detectors
9. Acoustic absorptivity measuring Equipments
10. Hydrophones
11. Buzzer in vacuum

- **Temperature and heat measuring instruments**

1. Temperature controller
2. Thermocouples
3. Calorimeters
4. Heat tracing Equipments
5. Melting point recorders
6. Pyrometers
7. Thermographs
8. Remote reading thermometers
9. Resistance thermometers
10. Cryogenic temperature controllers
11. Temperature calibrators
12. Combustion efficiency measuring instruments

- **Transducers**

1. Load cells
2. Temperature transmitters
3. Humidity transmitters
4. Current transmitters
5. Mechanical energy transducers

- **Humidity and moisture measuring instruments**

1. Hygrometers
2. Microwave moisture analyzers
3. Psychrometers
4. Moisture meters
5. Cement water retentivity testers
6. Humidity calibrators

- **Liquid and solid and elemental analyzers**

1. Oil content monitors analyzers
2. Chloride analyzers
3. Total nitrogen, total phosphorus analyzers
4. Acid or base analyzers
5. Electrolyte analyzers
6. Halide detector lamp
7. Organic carbon analyzers
8. Petroleum testing Equipments
9. Water analyzers
10. Nitrogen or nitrate or nitrite analyzer
11. Volume density meters
12. Salt content measuring instruments
13. Specific surface area analyzers
14. Metal powders flow rate testers
15. Film applicators
16. Mercury analyzers
17. Alkalinity analyzers
18. Suspended solids(SS) testers
19. Sludge thickness measuring instruments
20. Silica analyzers
21. Freezing and thawing testers
22. Liquid ration analyzers
23. Zeta potential analyzers
24. Laboratory atomizers
25. Paint coating test Equipments
26. Dissolved compounds multiple component analyzers
27. Steam emulsion number testers
28. Dispersion or grain size testers
29. Fluidity experimental Equipments

- **Land surveying instruments**

1. Coordinate comparators
2. Measuring tapes
3. Measuring rods
4. Measuring tables
5. Theodolites

6. Altimeters
7. Mirror stereoscopes
8. Coordinate development devices
9. Templet
10. Dendrometers
11. Lead line
12. Planimeters
13. Templates for land surveying
14. Plumbing arm
15. Transit
16. Optical squares
17. Parallax bars

- **Nondestructive examination Equipments**

1. Industrial radiograph viewing illuminators
2. Ultrasonic examination Equipments
3. Displacement measuring instruments
4. Eddy current examination Equipments
5. Magnetic particle examination Equipments
6. Leak testing Equipments
7. Nondestructive examination Equipments accessories
8. Gamma ray radiography examination Equipments
9. Neutron examination Equipments
10. Ultraviolet irradiators
11. Reinforcement metal detectors
12. Nondestructive examination reagents
13. Wire rope testers

- **Electrochemical measuring instruments and accessories**

1. Ph. meters
2. Dissolved oxygen meters
3. Salinity meter
4. Titration Equipments
5. Ion selective electrode
6. Conductivity meters

- **Gas analyzers and monitors**

1. Dust analyzers
2. Multi gas monitors
3. Explosimeters
4. Hydrocarbons analyzers or detectors
5. Nitrogen gas analyzers
6. Nitrogen oxide analyzers
7. Oxygen gas analyzers
8. Ozone analyzers

9. Sulfur dioxide analyzers or detectors
10. Thermal conductivity analyzers
11. Single gas monitors
12. Olfactometers
13. Refrigerant analyzers
14. Smoke testers
15. Carbon oxide analyzers

- **Light and wave generating and measuring Equipments**

1. Signal generators
2. Colorimeters
3. Frequency analyzers
4. Frequency counters or timer or dividers
5. Interferometers
6. Lasers
7. Lightmeters
8. Luxmeters
9. Photometers
10. Handheld refractometers or polarimeters
11. Polarimeters
12. Polariscopes
13. Reflectometers
14. Stroboscopes
15. Laser beam analyzers
16. Photoelectric measuring Equipments
17. Wave form synthesizers
18. Radiowave propagation measuring Equipments
19. Haze meters
20. Glossiness measuring instruments
21. Optical wavelength meters
22. Fluorescence detectors
23. Ultraviolet ray detectors
24. Microwave amplification by stimulated emission of radiation (MASERS)
25. Photon measurement instruments
26. Color matching instruments
27. Whiteness testers
28. Electronic countermeasures(ECM) Equipments
29. Sideband monitors
30. Absorption experimental Equipments
31. Vectorscopes
32. Schlieren systems
33. Laboratory ultraviolet ray lamps
34. Fade meters

35. Standard lamp of luminous density
36. Ellipsometers
37. Indicating and recording instruments
38. Coordinate measuring machines (CMM)
39. Speed sensors
40. Electronic counters
41. Graphic recorders
42. Multiple recorders
43. Non-contact sensors
44. Gyroscopic instruments
45. Oxygen sensors
46. Proximity sensors
47. Tempil
48. Heat meters
49. Pyrometer calibrators
50. Oil cloud and pour point testers
51. Freezing measuring instruments
52. Boiling point measuring instruments
53. Melting point measuring instruments
54. Heat flowmeters
55. Specific heat measuring instruments
56. Radiation thermometers
57. Dewpoint thermometers
58. Dropping Point Tester

• **Length and thickness and distance measuring instruments**

1. Laser measuring systems
3. Height gauges
4. Feeler gauges
5. Gage block set
6. Go or no go gauge
7. Mechanic depth gauges
8. Gear tooth gauges
9. Radius gauges
10. Cylinder gauges
11. Thickness gauges
12. Air micrometers
13. Electrical micrometers
14. Gage block comparator
15. Universal measuring machines
16. Cylinder diameter measuring Equipments
17. Conical cup testers
18. Cigarette circumference testers

19. Welding gauges
20. Rail joint gap gauges
21. Pin gauges
22. Sine bars
23. Telescoping gauges
24. Climber gauges
25. Hole gauges
26. Dial gauges
27. Taper gauges
28. Tire depth gauges
29. Cathetometers

- **Navigational Equipments and instruments**

1. Radio navigation instruments
2. Direction finding compasses
3. Sextants

- **Chemical evaluation instruments and supplies**

1. Hydrometers
2. Lon analyzers
3. Thermal differential analyzers
4. Osmometers
5. Polarographs
6. Saccharometers
7. Ph. test strips or papers
8. Chemical test strips or papers
9. Molecular weight meters
10. PH controllers
11. Elemental analyzers
12. Alcohol hydrometers
13. TERGOT P Meters
14. Oil film testers
15. Adhesion testers
16. Oil foaming characteristics testers
17. Color fastness testers
18. Esterification experimental Equipments
19. Combustion analyzers
20. Arsenic detectors
21. Bitumen evaporation loss weight measuring Equipments
22. Octane number measuring instruments
23. Reaction rate testers
24. Oxidation reduction testers
25. Chalking testers

26. Rust preventing testers
27. Demulsibility testers
28. Fuel gum testers
29. Flame experiment wires
30. Sludge densitometer

- **Electrical measuring and testing Equipments**

1. Withstand voltage testers
2. Ammeters
3. Phasemeters
4. Bridges
5. Earth resistance testers
6. Electromagnetic field meters
7. Galvanometers
8. High voltage cable detection
9. Impedance meters
10. Insulation resistance meters
11. Insulation testers
12. Line earth loop testers
13. Multimeters
14. Ohmmeters
15. Oscillographs
16. Potentiometers
17. Q meters
18. Voltage or current meters
19. Oscilloscopes
20. Accelerometers
21. Wattmeters
22. Circuit tester
23. Demand meters or registers
24. Earth leakage devices
25. Voltage and current meter calibrators
26. Static electricity measuring Equipments
27. Electrical standards
28. Pulse meters
29. Brake testing machines
30. Converter testing Equipments
31. Controller testing Equipments
32. Electric motor testing Equipments
33. Generator testing Equipments
34. Servo system testing Equipments
35. Circuit breaker testing Equipments
36. Switch durability testers

37. Var meters
38. Oscillator testers
39. Voltage regulator testers
40. Transformer testers
41. Iron loss measurement instruments
42. Phase sequence indicators
43. Contact resistance testers
44. Arrester testers
1. Watt hour meter test Equipments
2. Line voltage detectors
3. Resister test Equipments
4. Current dividers
5. Relay testers
6. Panel and switchboard meters
7. Blasting machine testers
8. Frequency control test Equipments
9. Low voltage testers
10. Heat Cycle Tester
11. Clamp testers
12. CT/PT test Equipments
13. Power factor meters
14. Combi Tester

- **Chromatographic measuring instruments and accessories**

1. Gas chromatographs
2. Liquid chromatographs
3. Liquid chromatography LC columns
4. Supercritical fluid chromatographs

- **Viewing and observing instruments and accessories**

1. Stereo or dissecting light microscopes
2. Microscope objectives
3. Photo attachments for microscopes
4. Profile projectors
5. Electron microscopes
6. Inverted microscopes
7. Magnifiers
8. Loupes
9. Telescopes
10. Bore scope inspection Equipments
11. Metallurgical microscopes
12. Fluorescent microscopes
13. Scanning probe microscopes

14. Polarizing microscopes
15. Projection microscopes
16. Microscope condensers
17. Microscope illuminators
18. Automated microscope stages
19. Autocollimators
20. Microscopic micrometers
21. Confocal microscopes
22. Micromanipulators
23. Industrial fiberscopes
24. Multimedia image microscopes
25. Phase contrast microscopes
26. Microscope differential interference contrast Equipments

- **Nuclear evaluation instruments**

1. Alpha counters
2. Gamma counters

- **Geophysical and geotechnical instruments**

1. Geological prospecting apparatus
2. Electromagnetic geophysical instruments
3. Gravity geophysical instruments
4. Magnetometer geophysical instruments
5. Gravimeters
6. Ground penetrating radars
7. Hydrothermal testing Equipments
8. Seismic surveying Equipments

- **Soil measuring Equipments**

1. Dissolution or disintegration testers
2. Particle size measuring apparatus
3. Penetrometers
4. Permeability testing apparatus
5. Permeability or porosity estimation apparatus
6. Porosimeters
7. Sand testing apparatus
8. Soil core sampling apparatus
9. Soil testing kits
10. Solid bearing testers
11. Ground friction testers
12. Aggregate abrasion testers
13. Standard aggregates
14. Soil plastic limit testers
15. Soil shrinkage limit testers

16. Consolidation testers
17. Soil liquid limit testers
18. Plate bearing testers
19. Soil analyzers
20. Aggregate specific gravity testers
21. Soil penetration testers
22. California bearing ratio(CBR) testers
23. Specimen expansion testers
24. Soil head permeability testers
25. Soil aggregate analyzers
26. Soil texture analyzers
27. Soil unconfined compression apparatus
28. Sand density cone apparatus
29. Mud crabs
30. Underwater soil picking Equipments
31. Aggregate unit weight measuring instruments
32. Facing sand water measuring instruments
33. Rock and strata measuring Equipments
34. Clinometers

- **Seismological instruments**

1. Seismic recorders or seismographs
2. Seismometers
3. Geothermal meters
4. Sonic survey Equipments

- **Coal and ore testing instruments**

Coal testing instruments

- **Radar and sonar systems and components**

1. Radar based surveillance systems
2. Earth observation satellite data receiving and analyzing system (EOSDAS)

- **Spectroscopic Equipments**

1. Spectrofluorimeters or fluorimeters
2. Spectrometers
3. Mass spectrometers
4. Spectrophotometers
5. Atomic absorption AA spectrometers
6. Infrared spectrometers
7. Nuclear magnetic resonance spectrometers
8. Inductively coupled plasma ICP spectrometers
9. Spectrophotometers
10. Flow cytometers

11. Fluorescent screens

• **Sampling Equipments**

1. Sample Bomb
2. Sample Cooler

➤ **Platform Supply & Service Vessel**

1. Drilling Platforms
2. Project Management of Offshore
3. Operation and Chartering of Offshore Construction Vessels
4. Fleet Management of Offshore Vessels
5. Logistical Support For Offshore Operations

➤ **Power Plant & Power Plant Equipment**

1. Diesel Generators
2. Gas Generators

➤ **Import and Export Steel & Stainless Steel Products**

1. Steel & Stainless Steel Bar
2. Steel & Stainless Steel Sheet
 3. Steel & Stainless Steel pipe & Tube
 4. Steel & Stainless Steel Bend

❖ **Major Projects**

APEC had done and completed various contracts with some famous companies that were considered major and important projects of the country.

In addition to **APEC** made contracts with some companies as mentioned below:

- JS Cable Company
- Ace Valve Company
- Sung il hi tech co., Ltd
- Song dong pipe co
- Sunbo IND. Co.Ltd
- Daeyang Co.
- Oman Dry Duck Company

❖ **APEC Business Activities**

In this part, **Apec holding** has successfully participated in the different projects as stated herein:

1. South Pars No 2&3
2. South Pars No 4&5
3. South Pars No 9&10
4. South Pars No 12
5. South Pars No 13
6. South Pars No 17&18
7. South Pars No 20
8. South Pars No 21
9. South Pars No 22, 23 &24

❖ Major Projects Apec holding

Experience List for Equipment Packages in High Project						
EPC	Year	Proje	Description	Qt	WT(TO	Rema
Peerless	2003	South Pars # 4&5	Coalescer	5	2	POG
LG E&C	2004	South Pars # 9&10	Separator & KO Drum	4	6307	LNG
TIJD	2004	South Pars # 6,7&8	Separator & KO Drum	1	365	POG
OIEC	2007	South Pars # 9&10	Heater & Preheater	1	781	POG
Sepanir	2008	South Pars # 15&16	Absorber & Deethanizer	8	2291	POG
Sepanir	2008	South Pars # 15&16	Separator & KO Drum	2	2000	POG
Nardis/	2009	LNG Project	Column & Drum	4	6307	POG
OIEC	2009	South Pars # 17&18	Reactor	3	2422	POG
OIEC	2009	South Pars # 17&18	Heat Exchanger	2	338	POG
Peerless	2009	South Pars # 15&16	Coalescer	4	230	POG
Sepanir	2009	South Pars # 15&16	Dryer & Reactor	1	1732	POG
Sepanir	2009	South Pars # 15&16	Drum	4	1190	POG
Sepanir	2009	South Pars # 15&16	Titanium Heat	2	147	POG
Sepanir	2009	South Pars # 15&16	Heat Exchanger	2	776	POG
IPMI	2010	South Pars # 17&18	Column & Drum	2	929	POG
LNG	2010	LNG Project	Column & Drum	2	855	POG
LNG	2010	LNG Project	Heat Exchanger	5	1750	POG
Nargan	2010	South Pars # 12	Titanium Heat	1	212	POG
OIEC	2010	South Pars # 17&18	Coalescer	4	256	POG
PKSK	2010	South Pars # 13	Absorber & Deethanizer	8	2291	POG
PKSK	2010	South Pars # 13	Separator & Ko Drum	2	2000	POG
PKSK	2010	South Pars # 13	Dryer & Reactor	2	1732	POG
PKSK	2010	South Pars # 13	Drum	4	1190	POG
PKSK	2010	South Pars # 13	Coalescer	4	230	POG
PKSK	2010	South Pars # 13	Titanium Heat	2	147	POG
PKSK	2010	South Pars # 13	Heat Exchanger	2	776	POG
PKSK	2010	South Pars #	Absorber & Deethanizer	8	2291	POG
PKSK	2010	South Pars #	Separator & Ko Drum	2	2000	POG
PKSK	2010	South Pars #	Dryer & Reactor	1	1732	POG
PKSK	2010	South Pars #	Drum	4	1190	POG
PKSK	2010	South Pars #	Coalescer	4	230	POG
PKSK	2010	South Pars #	Titanium Heat	2	147	POG
PKSK	2010	South Pars #	Heat Exchanger	2	776	POG
OIEC	2011	South Pars # 20&21	Drum-I	11	1957	POG
OIEC	2011	South Pars # 20&21	Drum-II	1	1243	POG

Experience List for Jacket Structure

Owner	Project	Set	Weight					Total
			Roles	Seamless	Plate	Plate	Rolled	
ISOICO	South	2	5,338.06	372.84	500.87	80.40	145.79	6,437.96
ISOICO	South	2	1,076.37	695.65	2,833.00	32.87	2,558.11	7,196.00
SADRA	South	4	860.32	660.00	2,836.35	22.04	2,497.72	6,876.43
SADRA	South	2	395.64	258.22	1,039.98	11.02	996.88	2,701.74
SADRA	South Pars#22,23,24	4	860.32	660.00	2,836.35	22.04	2,497.72	6,876.43

UP TO DATED 2015