



1- Engineering

- 1-1- Feasibility study
- 1-2- Basic design & basic design endorsement
- 1-3- Detail design & design review and endorsement
- 1-4- Consulting
- 1-5- Procurement and procurement engineering
- 1-6- Erection & commissioning supervision
- 1-7- Training

2- Process Water Production Packages

- 2-1- Deaerators *
- 2-2- Desalination Plants Through Evaporative Process*
- 2-3- De-Mineralization Plants*
- 2-4- Condensate Polishing Plants*
- 2-5- Condensate Deoiling plants*
- 2-6- Pre-treatment Packages (Sand & Carbon Filters, Clarifiers)
- 2-7- Water strippers
- 2-8- Water Condition System

3- Oil & Gas Package Plants

- 3-1- Two & Three Phase Separators**
- 3-2- Gas Dehydration plants**
- 3-3- Coalescers**
- 3-4- Fuel gas packages**
- 3-5- Filter separators**
- 3-6- Gas scrubbers**
- 3-7- Sludge catchers**



4- Chemical Preparation & Dosing Packages

- 4-1- Boiler water conditioning packages
- 4-2- Potable water packages
- 4-3- Dry material dosing packages
- 4-4- Chemical dosing package for different water & waste water treatment processes
- 4-5- Chemical dosing packages for different process units

5- Hydrocarbon storage & handling systems

- 5-1- Pump stations
- 5-2- Loading & unloading stations
- 5-3- LPG & LNG tanks
- 5-4- Spherical tanks
- 5-5- Atmospheric tanks

6- Steam generation plants

- 6-1- Package water tube boiler plants
- 6-2- Revamping of package & utility water tube boilers

7- Fire protection system

- 7-1- Fire detection & alarm system
- 7-2- Fire fighting systems

8- Waste water treatment plants

- 8-1- Oil water separators* (API , CPI)
- 8-2- Clarifiers and thickeners



9- Internals(Product of HAT International Limited)

- 9-1- Distillation trays
- 9-2- Random & structured packing
- 9-3- Tower & vessel internals
- 9-4- Mist elimination equipment
- 9-5- Reactor internals

Note1: NAPEEC design and fabricate items marked with * with license of SWS.

Note 2: NAPEEC design and fabricate items marked with * with license of KCC Industrial