NOANDISHAN ARYA
PROCESS & ENERGY ENG. CO

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TÜV INTERCERT
ISO 9001 : 2008
10-Q-20271-TIC

CHEMICAL DOSING SYSTEMS

NAPEEC (Noandishan Arya Process & Energy Engineering Company.) designs, constructs and supplies complete systems for the storage and dosing of a wide range of chemicals as requested for the conditioning of process water, raw water and waste water.
The expertise of NAPEEC includes entirely preassembled skids, shop tested and delivered ready for opera-tion. Local panels are available with alarms, interlocks and I/O signals to PLC/DCS.
Capacity of tanks, materials and performances of pumps and stirrers are selected in accordance with the requirements of each project. A wide range of auxiliary equipments is available as necessary, including electrical heaters, dissolving baskets and special instruments.
Electrical lift is available on request for the elevation of bags/barrels up to the adequate level, for ease in filling and monitoring operation.

98% Sulfuric Acid Dosing Pumps for neutralization Package of Tabriz Refinery Project

Our engineers are available to assist NAPEEC' customers in the most effective selection of volumes/ concentration of chemicals storage and in the design of the dosing equipment

Typical Dosing Skids (ready for delivery)

PH ADJUSTMENT

- HCI storage and dosing equipment
- H_2Sn_j storage, dilution and dosing equipment
- NaOH storage and dosing equipment

PROCESS WATER CONDITIONING

- Antisealant dosing equipment
- Oxygen scavenger dissolution and dosing equipment
- Antifoam dosing equipment
- Hydrazine dosing equipment (including high pressure delivery)

POTABILIZATION

- Pre chlorination and Dechlorination System
- Chlorine storage and Dosing system
- Hypochlorite storage and dosing equipment
- Remineralization by water-lime dosing process
- Remineralization by limestone process (carbon dioxide injection)

ACID WASHING SKIDS

- Storage, re-circulation and injection of:
  - Diluted Hydrogen Chloride
  - Diluted Sulfuric Acid
  - Sulfuric acid
  - Citric acid
- Arrangement on movable skid available, including flexible hoses

Neutralization package of Tabriz Refinery