

WOOW Series:

Acetaldehyde
 Acetic Acid
 Aluminium Chloride
 Ammonium Sulfate
 Butyraldehyde
 Cellosolve
 Dimethyl Sulfoxide
 Dimethyl Sulfide
 Formaldehyde
 Formic Acid
 Glycerol
 Glycolic Acid
 Glycols
 N-methyl pyrrolidone
 Phosphoric acid
 Potassium Carbonate
 Potassium Chloride
 Potassium Hydroxide
 Potassium Nitrate
 Potassium Sulfate
 Phenol/Phenolics
 Polyglycerol
 Para Toluene Sulfonic
 Silica
 Sulfuric acid
 Sodium Bromide
 Sodium Bisulfite
 Sodium Chloride
 Sodium Formate
 Sodium Hydroxide
 Sodium Metabisulfite
 Sodium Sulfate
 Sodium Sulfite
 Sodium Silicate
 Sodium Thiosulfate

Go Green Profitably

Economically Recover Acetic Acid from dilute waste water stream.

Geist Novel Extraction Technology (**NEXT**) is the preferred solution for Acetic acid recovery from waste water.

Typical Case study:

Aqueous Stream Capacity = 20000 kgs/day with 5% Acetic Acid
 Value of acetic acid in waste stream > Rs 100 lacs per Annum
 Cost of treatment and/or Cost of disposal = Rs 8.00 lacs per annum

For Acetic Acid recovery by NEXT:

Cost of Separation of Acetic Acid (99%) separated* = Rs 8/kg of Acetic acid (99%)
 Cost of Major Equipments = Rs 65 lacs*
 Savings = **Rs. 75 lacs/Annum**

Return on Investment (ROI) = 10 months

Advantages:

- Complete recovery of commercial grade Acetic acid with minimum 99% purity
- Significantly lower capital expenditure
- Works in presence of other organic or inorganic impurities.
- Saving in the overall production cost because of increased recycle & reuse of Acetic Acid & reduced load on treatment and / or disposal.
- Elimination of Acetic acid waste generation
- Environmental friendly and can be converted to zero discharge
- Very attractive return on investment (typically less than a year)
- Easy to operate

Applicable for: Dye Intermediates, API and pharmaceuticals, Agro chemicals, Specialty chemicals, Food processing etc.

* Separation cost & Cost of equipments is case specific and may vary with the concentration of acetic acid, stream quantity and other impurities present.

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