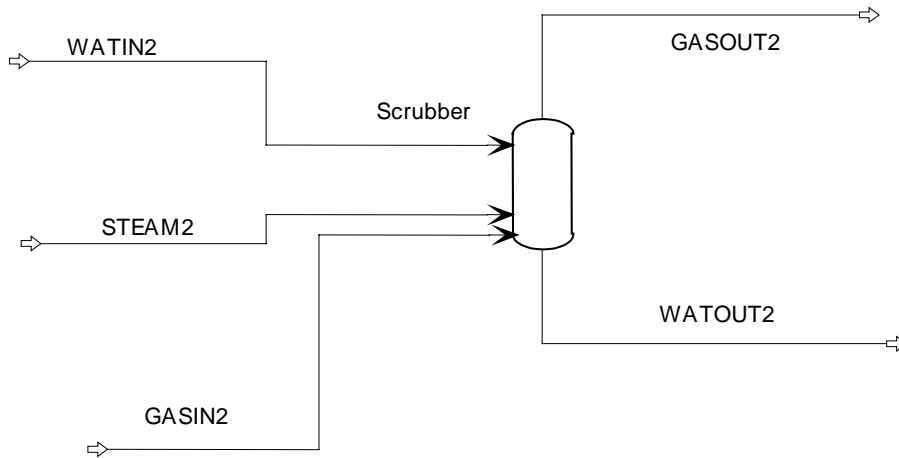


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**Description :** Ethylene diamine (EDA) Scrubber

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**Process Flow Diagram**



**Process Description**

As per environmental regulations, Ethylene di-amine (EDA) in vent gases should be <10 ppm (<25mg/m<sup>3</sup>). The process gas from various streams is collected and treated with water to scrub EDA to the desired specification level. The system has to be design for various EDA fluctuating loads in the plant. The sizes of these columns are reasonably high, ranging from 2-4 m in diameters, since these column handle vent gases produced in entire plant.

**Operating Conditions**

EDA scrubbers are operated with wide range of process conditions

- Pressure : 1.1-5 bar
- Temperature : 40-120<sup>0</sup> C

**Experience**

Finepac™ Structures Pvt. Ltd. has supplied separating systems involving gas processing. These types of EDA scrubbers are supplied in UK, Germany with indigenous design, competing with international suppliers. High performance packing is employed in these scrubbers to meet stringent process specifications.