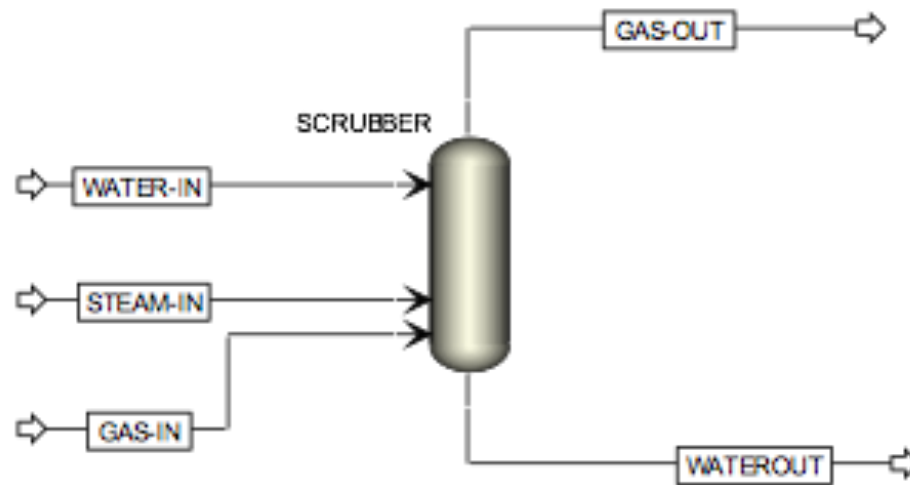


**Description -
Ethylene diamine (EDA) Scrubber
Process Flow Diagram**



Process Description

As per environmental regulations, ethylene di-amine (EDA) in vent gases should be < 10 ppm (<25mg/m³). The process gas from various streams is collected and treated with water to scrub the ethylene di-amine to the desired specification level. The system has to be designed for various EDA fluctuating loads in the plant. The sizes of these columns are reasonably high, ranging from 2-4 m in diameter, since these column handle vent gases produced in the entire plant.

Operating Conditions

EDA scrubbers are operated for a wide range of process conditions

Pressure	1.1-5 bar
Temperature	40-120 °C

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Experience

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