

Gravity Application Technology (GAT)

*Petroleum Refining, Petrochemicals, Oil & Gas, LNG, LPG,
Specialty Chemicals and End Products*

*Gravity is Free, Guaranteed to work and
can even generate free Electrical
Power in some applications*



Gravity Application Technology (GAT)

Gravity Application Technology (GAT) can result in substantial capital savings for new and existing unit operations.

There is absolutely no impact on the process unit operations and controls.

The major application of our GAT may be as follows:

- Staging the Various Reactors & Related Systems
- Distillation, Absorption, Extraction and Stripping Systems
- Intermediate Systems and Product Liquefaction

The overall paramount advantages are:

- Reduction in Number of Pumps
- Reduction in Electrical Systems
- Reduction in Number of Control Valves
- Reduction in Electrical Power
- Reduction in Plant Area
- Reduction in Maintenance & Operational Costs
- Reduction in Capital Costs (20% - 30%)

In most cases, about 30-40% of pumps and control valves can be eliminated or not required in typical unit operations. With the application of our Spiral Speed Separator (SSS) devices, additional simplicity in operation and substantial capital cost savings can be achieved.

Imagination is the Limit



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