



## Modelling Support

Simulation software can be used to create models of Gas Processing Units. The models can either be used in the design phase or during operation for trouble shooting and fine tuning of the process. These models can be extended with proprietary unit operations or proprietary physical property models. If these extensions are created with Cape-Open they can be used on multiple platforms. Cape-Open is becoming an industry standard for data exchange of user models and simulation platforms.

Support can be provided on:-

- Setting up and troubleshooting of simulations for Gas Processing.
- Interfacing simulation software with MS-Office to provide easy and standard reporting tools.
- Definition and coding of proprietary calculations in Excel.
- Definition and coding of user models in Cape-Open
- Using plant-data for model validation

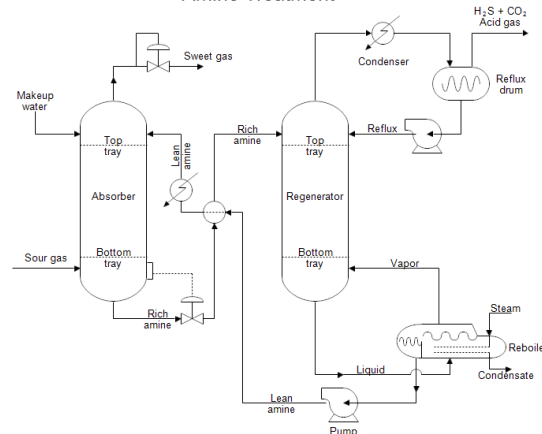
NAPTA can provide assistance during design, installation, operation and troubleshooting of these installations. In the project phase, NAPTA can support in technology selection. NAPTA's expertise covers making designs of such units such that these can be used as benchmark for Vendor proposals. NAPTA subject matter experts can conduct a site visit for better understanding of site-specific issues; and training of local operational and technical staff.

The provided services can help you to:-

- Ensure a proposed design will be able to meet the required specification and lifetime
- Increase unit capacity through better understanding of the operation of the unit
- Generate standard reports throughout the whole line-up

For more information, please connect with NAPTA's Modelling SME Mr Peter Nellen via herein below contact details.

Process Flow Diagram  
Amine Treatment



## Contact

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