

Project: Simulation of absorption plant for CO₂ capture with ethanolamine-based solvents.

Vacant: 6-9 months

Summary: Sustainability and climate change are critical nowadays for many industrial sites, so treatment units are needed in order to reduce emissions. Simulation of CO₂ capture plant will be carried out with Aspen in order to study the critical units and key variables for the optimal performance. This is the usual day for a process engineer focused on sustainability issues. Additionally heat integration will be considered for the whole plant to save energy and resources. Finally economic assessment and sustainability impact will be studied.

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