

Capital Cost Evaluation for Optimum Process Design of Cryogenic Air Separation

Diploma Thesis
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1 Introduction

2 Air Separation Technology

2.1 Membrane Processes

2.2 Pressure Swing Absorbtion

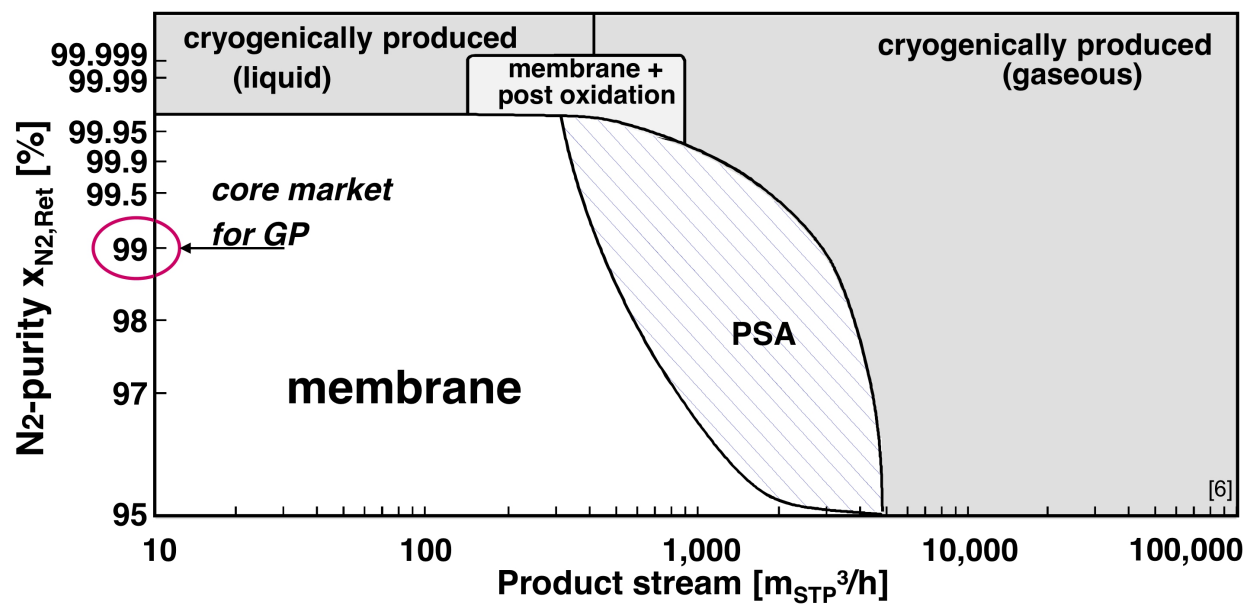


Figure 2.1: Comparison of Air Separation Technologies.

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3 Cryogenic Air Separation

3.1 Process Model

3.2 Uncertainty in Process Modelling

3.3 Capital Cost

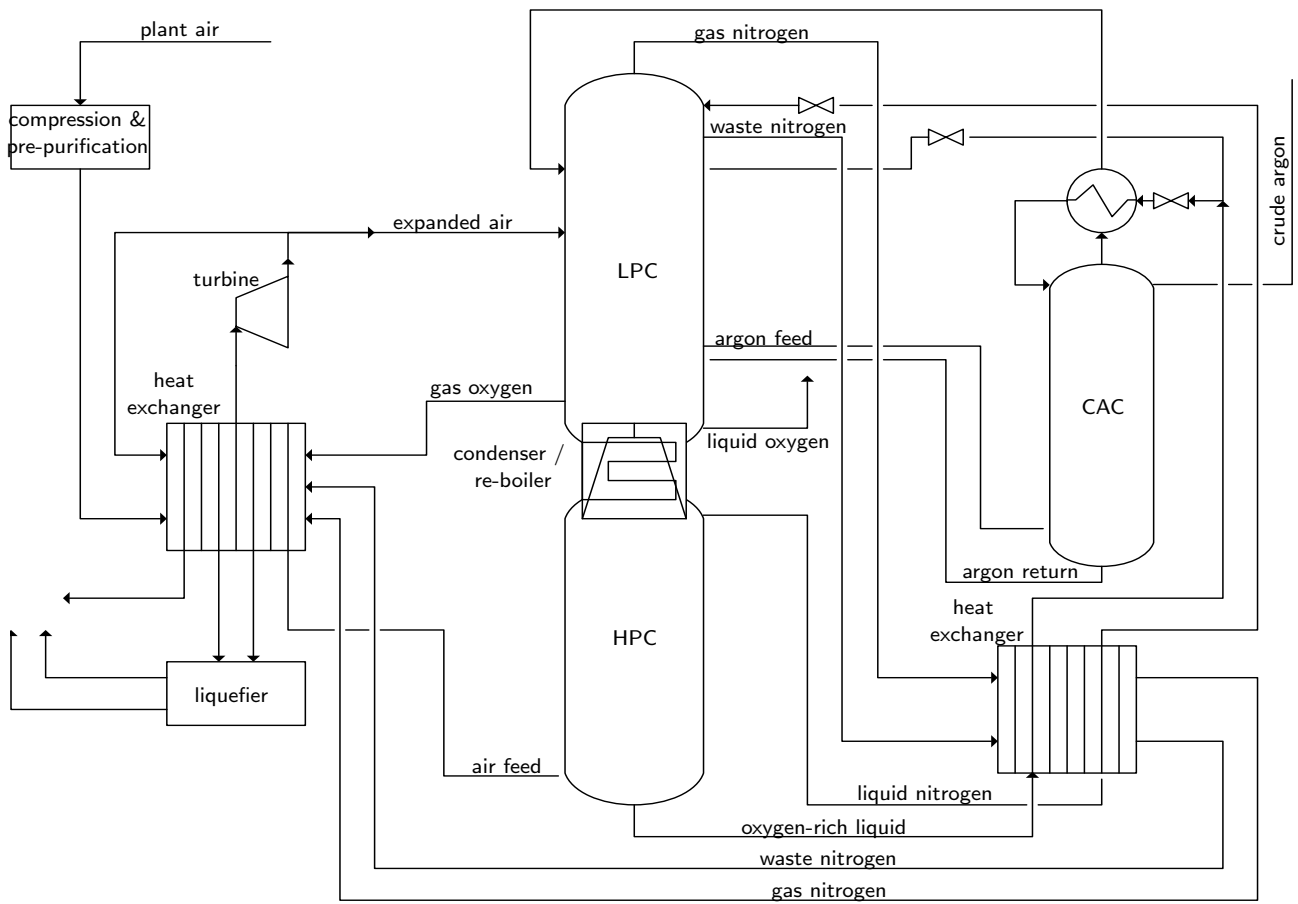


Figure 3.1: Schematic representation of the cryogenic air separation process.

4 Conclusion and Further Research

Todo list

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