

AMCS is working with the world's largest refiners to increase profitability while decreasing environmental impact. AMCS' plants provide solutions for low cost on-site production of gases and liquids.

Applications:

- FCC Oxygen Enrichment
- Gasification
- Nitrogen Inerting and Purging
- Claus Debottlenecking

Gas and Liquid:

- Nitrogen
- Oxygen

Application Examples:

- Nitrogen , when used for inerting and purging in the refining, is used to:
 - inert and handle storage tanks containing combustible liquids
 - inert tankers during filling and emptying while at port
 - discharge the stone dust in oil and natural gas drilling
 - dry technical equipment during idle time, following restart and after repairs
- Oxygen, when used for combustion and chemical oxidation in Refining, is typically used to:
 - generate synthesis gases
 - through partial oxidation of hydrocarbons
 - through partial gasification
 - debottleneck Clause Plant
 - faster regeneration of FCC catalyst

To learn more about AMCS ULTRA-N™ Series Nitrogen Plants [click here](#).

To learn more about AMCS ULTRA-O™ Series Oxygen Plants [click here](#).

To learn more about AMCS ULTRA Series® Plants [click here](#).