

Industrial gases are playing a bigger role than ever in the production of all types of glass by providing manufacturers the ingredients to generate high-quality industrial glass products while reducing emissions. AMCS ULTRA Series[®] plants generate industrial gases for owner operator or industrial gas companies that supply this industry.

Applications:

- Container
- Flat
- Fiber
- Specialty i.e. tubular

Gas and Liquid:

- Oxygen
- Argon
- Nitrogen

Application Examples:

- Nitrogen , specific to Inerting and Purging in a Glass facility, is used to:
 - Protect and inert vacuum tubes during manufacturing and storage
 - Perform leak tests
 - Inerting in float-glass furnace
- Oxygen, specific to combustion and chemical oxidation by replacing air in the Glass facility is used to:
 - Coat ceramic work pieces
 - increase the performance of oxygen lances
 - improve glass ware finish by fire-polishing with Oxy-fuel burners
 - reduce environmental emissions
- Argon, specific to low reactive gases, high inert capability, thermal conductivity and solubility in water and oils in the Glass facility, is used to:
 - To fill incandescent light bulbs when mixed with nitrogen
 - To fill florescent lamps
 - Improved insulation in high efficiency windows

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-A[™] Series ASU Plants [click here](#).

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