Bloom Engineering Company, Inc.

**2470 Series Pelletizing Furnace Burner**

**Sub-stoichiometric Burner for Iron Ore Pelletizing Furnaces**

**FEATURES**
- Rugged fabricated construction
- Stable with 5-10% stoichiometric air at burner connection (process air provides excess of air for complete combustion)
- Simultaneous firing of multiple fuels including:
  - Heavy Oil
  - Natural Gas
  - Low-BTU Gases (BFG, COG, Producer Gas)
  - Waste Fuels
- No inspiration of dust-laden process air into burner throat reduces fouling and improves burner refractory life
- Furnace temperatures up to 1450 C
- Heat resistant alloy nozzle

**CAPABILITIES**
- Firing capacity up to 8.5 MW (30 MMBtu/hr)
- Operation on most hydro-carbon fuels
- Several atomization options including: compressed air or steam (tip emulsion or full emulsion); low pressure air
- Configurable flame characteristics

CAUTION: The improper use of combustion equipment can result in a condition hazardous to people and property. Users are urged to comply National Safety Standards and/or Insurance Underwriters recommendations

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