Powder: Metal Hot Isostatic Processing

**Function:** Powder Pressing
- Rapid Cooling HIP - Hot Isostatic Pressing

**Capabilities:**
- Rapid Cooling
- Hot zone 6” dia x 12” L
- FURNACE 1400 C molybdenum two zone furnace with a 150mm diameter x 30mm long hot zone.
- VESSEL INTERIOR DIAMETER 10 inches (250 mm)
- VESSEL INTERIOR LENGTH 30 inches (760 mm)
- WORKING PRESSURE 30,000 PSI (207 MPa)
- VESSEL TYPE ASME Section VIII, Div 2 code stamped pressure vessel, National Board registered. Hydro-Tested and stamped. SA-723 steel.
- Cooling: Treated closed loop cooling system with reservoir, pump and heat exchanger. Connects to customer coolant (city, re-circ, or chiller) at 15 gpm.

**Operational:**
- Deliver to Lift Sep 16
- Installed 4Q 2016

**Vendor:** AMERICAN PRESSES, INC

*New operational target: 2017-2Q*