
美国伊州企业对接项目名录

1) Ability Engineering Technology

CAPABILITY STATEMENT:

AET designs and fabricates equipment for gas purification and recovery. Our systems utilize cryogenic adsorption technology and achieve more than 7N Purity. In addition to standard models, we also build customized solutions. Gases purified include, but are not limited to, Helium, Hydrogen, and Argon.

PRODUCT HIGHLIGHTS:

On-Site Commissioning

- Sized and Specified by Inlet/Outlet Gas
- 24/7 Run-Time Options
- Pressure Vessel Code Compliance
- Up to Seven-Nines Purity Out (99.99999%)
- PLC Controls or Manually Operated
- Stainless Steel Vessels and Framing
- After-Market Support / Local Agents

OPTIONAL ADDON EQUIPMENT

Compressor

- VJ Lines
- Oil Removal Skid
- Liquefier
- Gas/Liquid Storage
- LN2 Phase Separator

ADVANTAGES WITH AN AET PURIFIER

Customizable Solutions / Pre-Treatment

- Inlet Purity as low as 75%
- Low Utilities Budget
- Less Than 6 Hour Self Regeneration
- Reliable & Readily Available Parts
- Low Maintenance - High Uptime

SOLUTION EXAMPLES

High Pressure (HP) Purifier

99.9999% Outlet Purity Achievable

Manually Operated

System Addons:

Moisture Trap/Condenser



Oil Removal System
 High Performance Regen Heater
 Adsorber LN2 Jacket Auto Fill
 Low Pressure (LP) Purifier
 Automated Run Processes
 Allen-Bradley PLC System
 Modes of Operation:
 System Purge and Cooldown
 Generate Pure Gas
 Regeneration
 Gas Analyzer can be Integrated

Ability Engineering Technology (AET) 产品功能描述:

AET 设计并制造用于气体净化和回收的设备。我们的系统利用低温吸附技术，实现 7N 以上的纯度。除多种标准型号之外，我们还提供定制化解决方案。净化的气体包括但不限于氦气、氢气和氩气等。

产品亮点:

现场调试
 尺寸规格由进入/排出气体决定
 24/ 7 运行时间选项
 压力容器遵守规范
 高达七个九的纯度 (99.9999%)
 PLC 控制或手动操作
 不锈钢容器和框架
 售后支持/当地代理商

净化器的优点:

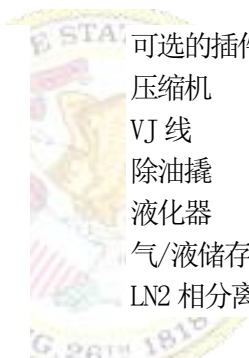
可定制的解决方案/预处理
 进样口纯度低至 75%
 低水电费预算

解决方案示例:

高压 (HP) 净化器 (左)
 可达到 99.9999% 的出口纯度
 手动操作
 系统插件: 水分捕集器/冷凝器
 除油系统
 高性能再生加热器

操作方式:

系统清除和冷却
 产生纯净气体



可选的插件设备:

压缩机
 VJ 线
 除油撬
 液化器
 气/液储存
 LN2 相分离器

自我再生不到 6 小时
 可靠且易于获得的部件
 维护成本低 - 正常运行时间长

吸附器 LN2 导架管自动填充

低压 (LP) 净化器 (右)
 自动运行流程
 Allen-Bradley PLC 系统

再生
 可以集成气体分析仪