1. **DESIGN STANDARD:**

   1.1 Install per medical gas piping requirements and standards including cleaning of the piping systems.

2. **PRODUCT STANDARD:**

   2.1 Lab gas specify schedule 40 black steel pipe only with screwed fittings only.

   2.2 Vacuum and air copper with dielectric unions at connections between dissimilar metals.

3. **PERFORMANCE STANDARD:**

   3.1 Install per recommendations of manufacturer.

   3.2 Test in accordance with applicable Code. Coordinate all tests with Rice University’s Project Manager.

   3.3 Specify flexible connections on driven equipment.