Purpose of Procedure
To assure that the installation of HP instruments and systems can be completed successfully by careful preparation and evaluation of the installation site and by ensuring the availability of appropriate utilities, consumables and supplies.

Customer Responsibilities
Customers should ensure that all necessary operating supplies, consumables and usage dependent items such as columns, vials, syringes and solvents required for the successful installation of instruments and systems are available. Installation sites should be prepared in accordance with the following specifications.

Important Information
If you have problems in providing any of the following, please contact your local HP office for assistance. Assistance with user specific applications may be provided but should be contracted separately. Users of the instrument should be present throughout the installation and familiarization otherwise important operational, maintenance and safety information may be missed.

Procedure Checklist

Dimensions and Weight

- Weight: 182 kg 400 lbs.
- Height: 77 cm 30 in
- Depth: 77 cm 30 in
- Width: 275 cm 108 in

The G1005A consists of the G100A Protein Sequencer, the G1001A Sample Prep Station, the 1090M LC, and HP ChemStation, and a printer.

Power Consumption

- Europe: 230V AC (+5/-10%) 290 VA max 50 Hz
- USA: 120V AC (+5/-10%) 190 VA max 60 Hz

Environmental Conditions:

- Temperature: 20° - 30° C varying less than 3°C
- Rel. Humidity: 20 - 70%

If ambient temperatures above 25° occur, a sub-ambient cooling kit (HP 79863A) with cooling bath should be installed at the HPLC oven. This will ensure that the HPLC oven can maintain 40°C. System operates bet under constant ambient temperatures.

Gas Supply

- One dual stage 125 psi output regulator, ¼ in fittings and gas filter. In addition an 80 psi dual stage regulator must be supplied for the Sample Prep Station.

(cont’d)
Gas Selection

One or two Argon tanks with suggested purity of 99.998%.
Nitrogen of ultra-high purity, >99.995% for the G1001A.

Ventilation and Waste

The sequencer must be installed within 4.6 m (15ft) of an exhaust hood. Provision for proper containment and disposal of organic waste must be made. The protein sequencer produces approximately 1 ml and the HPLC 11 ml of liquid waste per cycle.