

ANNEX

LIST B

CHEMICAL EQUIPMENT WHICH MIGHT BE USED TO  
PRODUCE DESIGNATED CHEMICALS

The possession of any of the following items individually is not suggestive of chemical weapons production. However, location of several items at one facility would indicate inspection may be necessary to verify that there are no CW activities at the facility.

1. Chemical process equipment (reactors, piping, distillation columns, etc.) constructed of Hastelloy or another alloy with a high nickel or tantalum content.
2. Chemical process equipment with linings suitable for use in a high corrosive environment (i.e. glass-, teflon-, or plastic-lined equipment).
3. Pumps or valves designed for use with hazardous chemicals (for example: double-seal, magnetic drive, or canned pumps, bellows or diaphragm valves).
4. Activated carbon filter units and scrubber units capable of handling large volumes of air from ventilation systems.
5. Equipment specially designed for fluorine, phosphorus, or sulphur analyses.
6. Inert gas generating units.
7. Double-walled piping.
8. Sensitive toxic detection and alarm systems.
9. Filling equipment for use with hazardous chemicals, including especially large glove boxes used to enclose filling machinery.
10. Incineration or scrubbing equipment for hazardous chemical waste treatment, such as Venturi scrubbers or Brinks mist eliminators.