

Annex E
Summary of Known
UN-Tagged Equipment

UN Tag	Equip	Location	Current Status	Remarks
B000194*	Biosafety Cabinet, Class II	Bldg 18 Rm 202	Not Found	Past Use: 4 years' research work Hydrocarbon degradation, Present Use: As in the past, Future Use: As in the past. This item not listed by UNSCOM 87 and not declared.
B000195*	Incubator, shaker 20L	Bldg 18 Rm 202	Not Found	Past Use: Used for hydrocarbon degradation (research), Present Use: As in the past, Future Use: As in the past.
B000196*	Incubator, shaker 6L	Bldg 18 Corridor 1st Floor Rm 3	Not Found	Past Use: For Rhizobium cultivation/production—for research, Present Use: Out of order, Future Use: To be repaired for use as in the past.
B000197*	Biosafety Cabinet, Class II	Bldg 4 Rm 120	Not Found	Past Use: Analyze production and research and other enzymes, Present Use: As in the past, Future Use: As in the past.
B000198*	Incubator (tagged in error)	Bldg 4 Rm 120	Not Found	Past Use: Enzyme production research, Present Use: As in the past, Future Use: As in the past. Tagged in error. (not a SHAKER incubator as reported by UNSCOM 87).
B000199*	Biosafety Cabinet, Class II	Bldg 47 Rm - UNKNOWN	Not Found	Past Use: Vaccine production from egg embryos, Present Use: As in the past, Future Use: As in the past.
B000200*	Dryer, freeze	Bldg 50 Rm 15	Not Found	Past Use: Drying of food samples, baby food etc, Present Use: As in the past, Future Use: As in the past.
B000201*	Dryer, freeze 2L	Bldg 60 Rm 33, ground floor	Present	Past Use: Radio Pharmaceuticals freeze drying, Present Use: As in the past, Future Use: As in the past.
B000202*	Dryer, freeze 2-3L	Bldg 18 Rm 3	Not Found	Past Use: Rhizobium freeze-drying research, Present Use: As in the past, Future Use: As in the past. Earlier UNSCOM team stated machine not taggable.
B000304	Shaker, Orbital 10L (Top Opening/Steel)	Bldg 4 Corridor	Not Found	Past Use: Rennin production from bacteria. Present Use: Rennin production from bacteria. Future Use: Rennin production. Origin: Purchased new, over 10 years ago.
B000305	Incubator, illuminated Cooled Orbital	Bldg 4 Corridor across from Rm 106	Not Found	Past Use: Used for starter cultures for B. the-eiger-sis and single cell protein. Present Use: Autrophic bacteria for metal leaching. Future Use: Autrophic bacteria for metal leaching.
B000306	Shaker, Incubator 5L (Front Opening)	Bldg 50 Corridor	Not Found	Past Use: Growing cultures. Present Use: Not working. Future Use: If spare parts become available, will repair. Origin: Bought new around 1974, imported.

Nuclear

Summary of Known UN-Tagged Equipment (continued)				
B000307	Shaker, Incubator 0.01-0.02 m3 (Top Open)	Bldg 18 Rm 208	Not Found	Use: For thermophilic bacteria, thermos table enzyme production, particularly heamocel- luloses. Origin: Arrived 10 years ago. Note: Although model no. is overwritten by 101, 141 is seen and correct.
B000399	Vessel, Double Jacketed	Biological Pes- ticide Building	Not Found	Awaiting tag sheet for further record input
B000400	Vessel, Double Jacketed	Biological Pes- ticide Building	Not Found	Awaiting tag sheet for further record input
B000401	Vessel, Double Jacketed	Biological Pes- ticide Building	Not Found	Awaiting tag sheet for further record input
B000402	Vessel, Double Jacketed	Biological Pes- ticide Building	Not Found	Awaiting tag sheet for further record input
B000403	Vessel, Double Jacketed	Biological Pes- ticide Building	Not Found	Awaiting tag sheet for further record input
B000404	Vessel, Double Jacketed	Biological Pes- ticide Building	Not Found	Awaiting tag sheet for further record input
B000405	Vessel, Double Jacketed	Biological Pes- ticide Building	Not Found	Awaiting tag sheet for further record input
B000406	Vessel, Double Jacketed	Biological Pes- ticide Building	Not Found	Awaiting tag sheet for further record input
B000407	Vessel, Double Jacketed	Biological Pes- ticide Building	Not Found	Awaiting tag sheet for further record input
B001501*	Biosafety cabinet, Class II	Bldg 4 Rm 104	Not Found	
B001502*	Sequencer, DNA (Electrophoresis Unit)	Bldg 4 Rm 108	Not Found	The unit will be used for DNA sequencing as soon as some ordered parts arrive. Equipment was imported 5 yrs ago. Never used.
B001503*	Fermenter, 18 L.	Bldg 4 Rm 106	Bldg 171, Underground Store, Dam- aged	
B001504*	Fermenter, 5 L.	Bldg 4 Rm 106	Bldg 171, Underground Store, Dam- aged	*
B001505*	Fermenter, 20 L.	Bldg 4 Rm 106	Found	
B001506*	Fermenter, 20 L.	Bldg 4 Rm 106	Found	
B001507*	Fermenter, control unit	Bldg 4 Rm 106	Not Found	Consists of 5 components: peristaltic pump; temp control unit; PI4 control unit; PO2 control unit; stirrer speed control and flow control
B001508*	Dryer, Freeze	Bldg 4, Cor- ridor	Not Found	

Summary of Known UN-Tagged Equipment (continued)				
B001510*	Dryer, freeze (small)	Bldg 4 Corridor	Not Found	
B001511*	Fermenter, 3 x 15 L.	Bldg 18 Rm 206	Not Found	5N control: 58244; chamber 58507(F7-100); 58508(F7-100); 58509(F7-100)
B001512*	Dryer, Lyophilizer (small) Stoppering Tray	Bldg 60 Rm 24, 1st floor	Not Found	
B001513*	Dryer, freeze, bottom	Bldg 60, Rm 24, 1st floor	Not Found	
B001514*	Dryer, freeze (1 m ³)	Bldg 56	Not Found	
B002012	Shaker, Water Bath 5L +	Bldg 4 Rm 104 Laboratory	Not Found	Past Use: Growing molds and bacteria for enzymes. Present Use: Not working. Future Use: Easily repaired when spare parts become available. Origin: Unknown.
B002103	Dryer, Spray 1.5 cu m	Bldg 53 Chemical pilot plant	In Situ	Past Use: Not used, made at Tuwaitha workshops. Present Use: not used. Future Use: Unknown
B002104	Centrifuge, Continuous Flow	Bldg 53 Chemical pilot plant	In Situ	Past Use: Date syrup purification. Present Use: Stored. Future Use: Unknown
B002113	Shaker, Incubator	Bldg 60, Rm 11, ground floor	Found	Past Use: Found in destroyed buildings. Present Use: Not in use. In the future: Shaking of liquids only (No microorganisms)
B002123	Dryer, Freeze	Bldg 4	Not Found	
B002146	Particle Sizer, Aerodynamic	BLDG 59, RM 8	Not Found	
B002147	Dispenser, Powder, Small Scale	Bldg 39, Rm 8	Bldg 59, Room 1	Measures concentration of particle sizes, for dust concentrations.
B002218	Computerized Central Control Unit for Feri	Bldg 59 Rm 5	Not Found	
B002228	Filter Press	Bldg 71	Found	
B002236	Incubator, Shaker	Bldg 90	Not Found	
B002435	Shaker, Reciprocating (Two tiered for 8L)	Bldg 18 First Floor - Microbiology (Room 3)	Not Found	
B002443	Fermenter, double jacketed, Steel(400 L)	IAEC Workshop, outside the site	Not Found	

Summary of Known UN-Tagged Equipment (continued)				
B002444	Fermenter, double jacketed, Steel (150 L)	IAEC Workshop, Bldg 53	In Situ	
B002445	Fermenter, double jacketed, Steel (150 L)	IAEC Workshop, Bldg 53	In Situ	
B002446	Fermenter, double jacketed, Steel (700 L)	IAEC Workshop, Outside bldg 53	Inside Bldg 53	
B002493	Fermenter, double jacketed, Steel (120 L)	Bldg 53	In Situ	Used in the purification of ethanol.
B002497	Dryer, Freeze, Lyophilizer	Bldg 18, 1st Floor Rm 206	Not Found	Dr Alaa Sharif is responsible for this freeze dryer.
B002498	Vessel, double jacketed, steel	Bldg 53	In Situ	
B002419	Incubator, shaker	Media Prep Bldg, Hall, Plant Tissue Station	Not Found	This piece of equipment appears to be declared by Tuwaitha and is stated to be untagged and not functional.
B002471	Shaker, orbital	Incubation Room	Not Found	
B002472	Shaker, orbital	Bldg 50 Section B	Not Found	

Note: Not found implies that a particular item was not positively identified. This may have been due to the removal of the label or the fact that the equipment was not present or may have been destroyed/relocated.