

Technegas Machine: Biomed Service Log

Section 1: Technegas Usage: *(to be completed by Nuclear Medicine)*

Date/Time Technegas last used: _____ Date of Service: _____

Section 2: Safe Handling: *(to be completed by Biomed)*

Requirements for all Biomed staff who will be handling the inner chamber of the Technegas machine:

Must wear protective clothing with sleeves and double gloves (Inner glove cuff underneath gown, outer glove cuff over gown) when working inside the gas chamber.

- Must place Technegas parts and tools that have touched the inside of the gas chamber on tripads to avoid spreading contamination.
- Must doff PPE properly, ensuring that contamination is not spread further.
- Must perform **hand monitoring** upon completion of inner chamber work and before leaving the department (including breaks).
- Must have a NM (Nuclear Medicine) Tech perform **area monitoring**.
- Must leave completed form for Site RSO/NM Supervisor to review and sign.
- Must sign below as acknowledgement of understanding and compliance of safe handling instructions listed above.

Biomed Staff Name	Signature	Hand Monitoring		
		Completion of inner chamber work	Before Breaks	Before leaving department
		Initials_____	Initials_____ Initials_____	Initials_____
		Initials_____	Initials_____ Initials_____	Initials_____
		Initials_____	Initials_____ Initials_____	Initials_____

If contamination is found: Refer to Section 6 of **SOP: Safe Handling of Technegas Machine for Biomed Personnel**

Section 3: Area Monitoring: *(to be completed by NM)*

All work surfaces, garbage, and tools involved in the Technegas maintenance and service calls must be monitored by NM Tech before leaving the department. Anything less than twice background can be released.

Area	Monitoring	NM Tech Initials
Working Surfaces	<input type="checkbox"/> No contamination found <input type="checkbox"/> Cleaned, re-monitored and no contamination found <input type="checkbox"/> Stored or closed	
Tools	<input type="checkbox"/> No contamination found <input type="checkbox"/> Cleaned, re-monitored and no contamination found <input type="checkbox"/> Stored or closed	
Garbage	<input type="checkbox"/> No contamination found <input type="checkbox"/> Cleaned, re-monitored and no contamination found <input type="checkbox"/> Stored or closed	
	<input type="checkbox"/> No contamination found <input type="checkbox"/> Cleaned, re-monitored and no contamination found <input type="checkbox"/> Stored or closed	

If contamination cannot be cleaned, stored or closed: Refer to **SOP: Radioisotope Spill Clean-up**

Reviewed by SRSO: _____

Date: _____