

IRF-Frederick

BSL-4 Daily External Systems Safety Checklist*

1st Floor

Effluent Decontamination System	Alarm Status:	Clear	Warning (Yellow)	Alarm (Red)
Visual Inspection (Indicate Conditions and Comments):				

2nd Floor (Buffer Corridor)

Containment Status <i>Building Automation System (BAS)</i>	BAS Functioning <i>(circle one)</i>		Alarm Status <i>(circle one)</i>		Comments:		
Monitor Display	Yes	No	Clear	Alarm			

	Alarm Status <i>(circle one)</i>			Control Power Status <i>(circle one)</i>		Steam Pressure in Range <i>(circle one)</i>		Comments		
Large Autoclave #1	Clear			Alarm		On	Off	Yes	No	
Large Autoclave #2	Clear			Alarm		On	Off	Yes	No	
Carcass disposal backup →Rad EDS	Clear			Alarm		On	Off	Yes	No	
Small Autoclave #3	Clear			Alarm		On	Off	Yes	No	
Med Autoclave #4	Clear			Alarm		On	Off	Yes	No	
Tissue Digester	Clear			Alarm		On	Off			
Large Autoclave #5	Clear			Alarm		On	Off	Yes	No	
Med Autoclave #6	Clear			Alarm		On	Off	Yes	No	
Dunk Tank #1	Level Within Limits <i>(circle one)</i> →	Yes	No	Conductivity ≥3,500 μS				Yes	No	
Small Autoclave #7	Clear			Alarm		On	Off	Yes	No	
Small Autoclave #8	Clear			Alarm		On	Off	Yes	No	
Dunk Tank #2	Level Within Limits <i>(circle one)</i> →	Yes	No	Conductivity ≥3,500 μS				Yes	No	
Dunk Tank #3	Level Within Limits <i>(circle one)</i> →	Yes	No	Conductivity ≥3,500 μS				Yes	No	
Small Autoclave #9	Clear			Alarm		On	Off	Yes	No	

Laboratory Visual Inspection: (As viewed through buffer corridor windows. Indicate Conditions and Comments):

Section I:

Systems Clear: Yes / No *(Circle yes or no based on visual observation of systems at time of inspection)*

Name:

Signature:

Date:

Time:

4th Floor (Mezzanine)

Breathing Air & Compressed Air Systems: Compressors, Storage Tanks, Backup Systems and Quality Control										Comments
1 – Breathing Air Compressor (BAC-1)					Alarm Status:			Clear	Alarm	
2 – Breathing Air Compressor (BAC-2)					Alarm Status:			Clear	Alarm	
3 – Breathing Air Purification Unit (BAPU-1) Zander System				Dryer Alarm Status:	Clear	Alarm	CO Alarm Status:	Clear	Alarm	
4 – Breathing Air Purification Unit (BAPU-2) Zander System				Dryer Alarm Status:	Clear	Alarm	CO Alarm Status:	Clear	Alarm	
5 – Breathing Air Storage Tank (BAST-1)					80-120 PSI			Yes	No	
6 – Breathing Air Storage Tank (BAST-2)					80-120 PSI			Yes	No	
7 – Breathing Air Main Header Pressure					50-70 PSI			Yes	No	
8 - Backup Breathing Air Header Pressure					75-150 PSI			Yes	No	
9 – Backup Breathing Air Storage Tanks (BBAST-1)					≥ 2300 PSI			Yes	No	
10 – Backup Breathing Air Storage Tanks (BBAST-2)					≥ 2300 PSI			Yes	No	
11 - Backup Breathing Air Storage Tanks (BBAST-3)					≥ 2300 PSI			Yes	No	
12 - Chemical Shower Air Compressor (CSAC-1)					Alarm Status:			Clear	Alarm	
13 - Chemical Shower Air Compressor (CSAC-2)					Alarm Status:			Clear	Alarm	
14 - Chemical Shower Air Compressor Storage Tank (CSACST-1)					75-150 psi			Yes	No	

Chemical Disinfectant Storage System

Conductivity (≥3,500 μS):		Tank 1 (S1)	Yes	No	Tank 2 (S2)	Yes	No				
Chemical Storage Tank Level:	Tank # 1	¼ ½ ¾ Full				Tank #2	¼ ½ ¾ Full				Comments:
		○ ○ ○ ○ ○ ○ ○					○ ○ ○ ○ ○ ○ ○				
Chemical Mixing Tank Level:	Tank #1	¼ ½ ¾ Full				Tank #2	¼ ½ ¾ Full				
		○ ○ ○ ○ ○ ○ ○					○ ○ ○ ○ ○ ○ ○				

Number of Full Micro-Chem Plus Barrels:_____ Number of Empty Micro-Chem Plus Barrels:_____

Section II:

Clear to Enter: Yes / No *(circle yes or no based on visual observation of systems on mezzanine level at time of inspection)*

Name:

Signature:

Date:

Time:

*Some biocontainment parameters are outside of the normal range; however, after consulting with the HCS and/or DOHS, I am signing below to authorizing entrance.

Name and Title:

Signature:

Restrictions:

* This checklist must be completed each day. Prior to entry, BSL-4 personnel must check to ensure that both Sections I and II of this checklist have been completed and entry cleared. After this form is complete, post it on cart in the Buffer Corridor