

**ROOF CLEARANCE PROCEDURE**  
**(Revised: March 2003)**

**Roof Clearance Procedure:**

All buildings with horizontal exhaust or vertical exhaust less than ten feet tall require roof clearance before going onto the roof. All buildings regardless of stack height require roof clearance if any part of the fume hood, fan or hood ventilation system is to be worked on directly. Roof clearance at the CDC needs to be cleared through CDC front office.

**Procedure:**

1. Dispatch should be notified as far in advance as possible, that roof clearance is needed.
2. Dispatch can then check with the building proctor to find out if dangerous materials are being used or will be used in the fume hoods when personnel are on the roof.
3. EHS should be notified by dispatch in order to evaluate if any special precautions are needed.
4. The radiation control office should be notified if the building has any laboratories that use radiation.

**The following laboratory buildings do NOT require roof clearances:**

**CETT: Hazardous fans**

None

**Environmental Health: Hazardous Fans**

None

**Gifford: Hazardous Fans**

None

**Glover: Hazardous Fans**

None

**MRB: Hazardous Fans**

None

**NESB: Hazardous Fans**

None

**Pathology: Hazardous Fans**

None

**AIDL: Hazardous Fans**

Overall Risk – 35 (default)

Fan #	Hoods on Fan (Known)	Hood Class	Description	Location	Hazard Type	Hazard Rating
EF-5	1421-120-02	C	Horizontal - 2 Ft	Far N.W. Corner	CHEM	10
0385			Vertical - 10 Ft	N. End		
?			Vertical – 10 Ft	N. End, E. Side		
0384			Horizontal – 2 Ft	Middle		
?			Vertical – 7 FT Filtered	S.E. Side		

**ARBL: Hazardous Fans**

Overall Risk = 34

Fan #	Hoods on Fan (Known)	Hood Class	Description	Location	Hazard Type	Hazard Rating
EF- 22	1402-E116-02	B	Vertical – 10 Ft	Furthest E. on E. Wing	CHEM	2
EF- 18	1402-E118-02	B	Vertical – 10 Ft	1 <sup>st</sup> Fan W. of EF-22	CHEM2	2
EF- 20	1402-E121-02	B	Vertical – 10 Ft	Only 10-Ft on W. Side of E. Wing	CHEM	2
All fans on the W. Wing	1402-W116-02 1402-W114-02 1402-W112-02 1402-W181-A-02 1402-W100-02 1402-W164-02 1402-W181-B-02 1402-W179-02 1402-W175-02 1402-W163-02 1402-W191-02	C C C C C C C C C C C	VERTICAL - 20 Ft	All in S.W. Corner of West Wing	CHEM RAD	10

## Atmospheric Simulation Lab: Hazardous Fans

Fan #	Hoods on Fan (Known)	Hood Class	Description	Location	Hazard Type	Hazard Rating
7 Ft.er	1007-206-02 1007-206-B-02 1007-207-02	C C C	Vertical - 7 Ft.	Far E. Side	CHEM	5
10 Ft.er	1007-206-02 1007-206B-02 1007-207-02	C C C	Vertical - 2 Ft.	Middle	CHEM	2
0199	1007-206-02 1007-206b-02 1007-207-02	C C C	Horizontal - 2 Ft.	Far W. Side	CHEM	5
This Building has a large tower that is much taller than any of the fan stacks. If this tower is to be climbed then roof clearance procedures must always be implemented.						

## Anatomy/Zoology: Hazardous Fans

Overall Risk = 52

Fan #	Hoods on Fan (Known)	Hood Class	Description	Location	Hazard Type	Hazard Rating
EF- 1	None	N/A	Horizontal	S. 2 <sup>nd</sup> Floor Roof E. Wing	CHEM	
EF- 2	Same as EF – 3	See EF – 3	See EF – 3	See EF – 3	CHEM	5
EF- 3	0143-W009-02 0143-W013-02	C C	Horizontal	S. 2 <sup>nd</sup> Floor Roof W. Wing	CHEM	5
EF- 4	None	N/A	Horizontal	N. 3 <sup>rd</sup> Floor Roof W. Wing	CHEM	
EF- 5	None	N/A	Horizontal	S. 2 <sup>nd</sup> Floor Roof W. Wing	CHEM	
EF- 6	0143-E203-02 0143-E413-02 0143-E309-02 0143-E307-02 0143-E419-02	C C C C C	Horizontal	E. 5 <sup>th</sup> Floor Roof E. Wing	CHEM	5
EF- 7	0143-E316-C-02	C	Horizontal	E. 5 <sup>th</sup> Floor Roof E. Wing	CHEM	5
EF- 8	?	?	Horizontal	S. 2 <sup>nd</sup> Floor Roof W. Wing	CHEM	

Fan #	Hoods on Fan (Known)	Hood Class	Description	Location	Hazard Type	Hazard Rating
EF- 9	0143-E209-02 0143-E212-02 0143-E214-02 0143-E339A-02 0143-E440-02 0143-E441A-02	C C C C C	Horizontal	E. 5 <sup>th</sup> Floor Roof E. Wing	RAD	10
EF- 10	0143-E335-02 0143-E341A-02	C	Horizontal	E. 5 <sup>th</sup> Floor Roof E. Wing	CHEM	5
EF- 11	0143-E001-02	C	Horizontal	E 5 <sup>th</sup> Floor Roof E. Wing	RAD	10
EF- 12	Same as EF- 10	See EF-10	See EF-10	See EF-10	CHEM	5
EF- 15	0143-W200-02 0143-W221-02 0143-W338-02 0143-W304-02	C B C C	Horizontal	N. 3 <sup>rd</sup> Floor Roof W. Wing	CHEM	5
EF- 16	0143-W207-02 0143-W217-A-02 0143-W217-B-02 0143-W312-02 0143-W-331-02 0143-W320-02	C C B C C C	Vertical ≥ 10 Ft.	N. 3 <sup>rd</sup> Floor Roof W. Wing	CHEM	2
EF- 18	0143-W011-02 0143-W304-02	C C	Horizontal	N. 3 <sup>rd</sup> Floor Roof W. Wing	CHEM	5
EF- 19	?	?	Horizontal	N. 3 <sup>rd</sup> . Floor Roof W. Wing	CHEM	
EF- 20	?	?	Horizontal	N. 3 <sup>rd</sup> Floor Roof W. Wing	CHEM	
EF- 21	Same as EF-3	See EF-3	See EF-3	See EF-3	CHEM	5
EF- 24	Same as EF-9	See EF-9	See EF-9	See EF-9	RAD	10
EF- 26	0143-E114-02 0143-E116-02	C C	Horizontal	E. 5 <sup>th</sup> Floor Roof E. Wing	CHEM	5
F-2	0143-E411-02	C	Vertical - 10 FT	E. 5 <sup>th</sup> Floor Far N. End	CHEM	2
Corner	0143-E413-02	C	Vertical - 10 Ft.	E. 5 <sup>th</sup> Floor Far N.E. Corner	CHEM	2

**Animal Science: Hazardous Fans**

Overall Risk = 22

Fan #	Hoods on Fan (Known)	Hood Class	Description	Location	Hazard Type	Hazard Rating
EF- 2	0110-204-61202	B	Round 1 Ft.	East Side	CHEM	5
0877	0110-213-C-61202 0110-213-B-02	C C	Horizontal	Furthest	CHEM	5
0251	0110-15-A-61202 0110-15-B-61202 0110-17-61202	C C C	Vertical - 10 Ft.	Second Fan From East	CHEM	2
EF- 3	0110-213-C-61202 0110-213-B-02 0110-213-A-02	C C B	Horizontal - 1 Ft.	3 <sup>rd</sup> from East Side	CHEM	5
0250	0110-216-61202	C	Horizontal - 1 Ft.	South Side – 3 <sup>rd</sup> from East	CHEM	5
0256	0110-213-C-61202 0110-213-B-02 0110-213-A-02	C C B	Horizontal - 1 Ft.	4 <sup>th</sup> from East Side	CHEM	5
0244	0110-217-A-61202 0110-217-B-61202 0110-217-C-61202 0110-217-D-61202	C C C C	Horizontal - 3 Ft.	Furthest West	CHEM	5

**Chemistry Building: Hazardous Fans**

Overall Risk = 18

Fan #	Hoods on Fan (Known)	Hood Class	Description	Location	Hazard Type	Hazard Rating
30-B	0150-B007-02 0150-C0001-02	C C	Horizontal - 3 Ft.	N.E. Corner of Roof	CHEM	5
33-C	0150-C0001A-02 0150-C007-02	C C	Vertical - 6 Ft.	N.W. Corner of Roof	CHEM	5
29-B	None, labeled as Bathroom Vent	N/A	Horizontal - 3 Ft.	N.E. Corner of Roof		
28	0150-B-306-D-02	C	Vertical - 3 Ft.	N.E. Corner of Roof	CHEM	5
37	None, labeled as room B006 exhaust (no hood)	N/A	Horizontal - 3 Ft.	N.E. Corner of Roof		

There are many more fans in the rooftop utility rooms. They are all over 10 Ft. and are not considered a hazard, however if these fans need to be worked on then special precautions should be taken.

**Clark**

Overall Risk = 8

Fan #	Hoods on Fan (Known)	Hood Class	Description	Location	Hazard Type	Hazard Rating
0012	0091-243B-02	C	Vertical - 6 Ft.	N.W. Corner of C-wing	CHEM	2
0004	0091-5E-02	Not in use	Horizontal - 2 Ft.	S.E. Corner of A-wing	None	0

**Engineering: Hazardous Fans**

Unknown Risk. Assume hazardous fans in use.

**E.R.C.**

Overall Risk = 22

Fan #	Hoods on Fan (Known)	Hood Class	Description	Location	Hazard Type	Hazard Rating
8371 @ Hood	1101-B310-A-02	C	Horizontal 3 Ft.	Far E. side of W. Roof	CHEM	5
0852	1101-B112-02	C	Vertical - 10 Ft.	Middle of N. Side, W. Roof	CHEM	2
0281	1101-B306-02	C	Vertical - 10 Ft.	Middle of S. Side, W. Roof	CHEM	2
0283	1101-B304-02	C	Vertical - 10 Ft.	Middle of S. Side, W. Roof	CHEM	2
@ Hood	1101-B202-02	C	Vertical - 3 Ft.	S.W. Corner of W. Roof	CHEM	5
@ Hood	1101-A102-02	C	Vertical to Highest Roof	Courtyard	CHEM	5
0279	A124?		Vertical to Highest Roof	Far E. Side of E. Roof	CHEM	5

**Hartshorne Health Center: Hazardous Fans**

Overall Risk = 15

Fan #	Hoods on Fan (Known)	Hood Class	Description	Location	Hazard Type	Hazard Rating
0001	0025-C123-02	B	Horizontal - 3 Ft.	Nearest Roof access above 1 <sup>st</sup> floor	CHEM	5

**Industrial Science Lab: Hazardous Fans**

Overall Risk = 10

Fan #	Hoods on Fan (Known)	Hood Class	Description	Location	Hazard Type	Hazard Rating
EF-3	0060-102B-52902	C	Horizontal - 3 Ft.	E. side on South End	CHEM	5

**Insectary: Hazardous Fans**

Overall Risk = 10

Fan #	Hoods on Fan (Known)	Hood Class	Description	Location	Hazard Type	Hazard Rating
RM103	0105-103-60602	A	Vertical - 6 Ft.	S.E. Corner	CHEM	5

**Natural Resources: Hazardous Fans**

Overall Risk = 34

Fan #	Hoods on Fan (Known)	Hood Class	Description	Location	Hazard Type	Hazard Rating
RF-3	0082-228-53002		Horizontal - 2 Ft.	3 <sup>rd</sup> From the West	CHEM	5
RF-12	0082-105-53002	C	Vertical - 10 Ft.	1 <sup>st</sup> 10 Ft. from E.	CHEM	2
	0082-16C-53002	D			RAD	10
RF-7	0082-226A-53002 0082-226B-53002	C B	Horizontal - 2 Ft.	Center, N. Side	CHEM	5

**Physiology: Hazardous Fans**

Overall Risk = 48

Fan #	Hoods on Fan (Known)	Hood Class	Description	Location	Hazard Type	Hazard Rating
0198	0142-215-02	B	Horizontal - 1 Ft.	2 <sup>nd</sup> Fan from E. on S. Side	CHEM	5
RF-2	0142-215-B-02					
RF-4	0142-218-02	?	Horizontal - 1 Ft.	3 <sup>rd</sup> Fan from E. on S. Side	CHEM	
EF-8	0142-14A-02	C	Horizontal - 1 Ft.	5 <sup>th</sup> Fan from E. on S. Side	CHEM	5
RF-8						
RF-1	0142-138-02?	C	Vertical - 10 Ft.	1 <sup>st</sup> Fan from E.	CHEM	2
RF-3	None					
RF-5	0142-221-02	C	Horizontal - 1 Ft.	4 <sup>th</sup> From E. on S. side of E-Wing	CHEM	5
RF-6	0142-206-02	C	Vertical - 10 Ft.	Center of E. Wing	CHEM	2
RF-7	0142-205-02	C	Vertical - 10 Ft.	N. and Center of E. Wing	CHEM	2
RF-9				5 <sup>th</sup> from W., S. of Wall	CHEM	2
RF-10	Vent in 126					

Fan #	Hoods on Fan (Known)	Hood Class	Description	Location	Hazard Type	Hazard Rating
RF-11	0142-126-02	C	Horizontal - 1 Ft.	3 <sup>rd</sup> from W. on E. Wing, S. of Wall	RAD	10
RF-12	0142-203-02	C	Horizontal - 1 Ft.	3 <sup>rd</sup> from W. on E. Wing, N. of Wall	CHEM	5
RF-13	None			2 <sup>nd</sup> from W. on E. Wing, N. of Wall		
RF-14				2 <sup>nd</sup> from W. on E. Wing, S. of wall		
RF-15	(sealed) 0142-112-A-02	B	Horizontal - 1 Ft.	1 <sup>st</sup> from W. on E. Wing, N. of Wall		
RF-16	0142-128-A-02 0142-258-B-02 0142-128-C-02	B C C	Horizontal - 1 Ft.	1 <sup>st</sup> from W. on E. Wing	CHEM	5
EF-2 RF-17	0142-241-02	C	Vertical - 10 Ft.	1 <sup>st</sup> from N. on W. Wing	CHEM	2
EF-1 RF-18	0142-241-02	C	Vertical - 10 Ft.	2 <sup>nd</sup> from N. on W. Wing	CHEM	2
RF-19	0142-240.02	C	Horizontal - 1 Ft.	3 <sup>rd</sup> from N. on W. Wing	CHEM	5
EF-3 RF-20	0142-239-02	C	Vertical - 10 Ft.	4 <sup>th</sup> from N. on W. Wing	CHEM	5
RF-21	0142-139-A-02 0142-139-B-02	C C	Horizontal - 2 Ft.	5 <sup>th</sup> from N. on W. Wing	CHEM	5
RF-22	0142-139-A-02 0142-139-B-02	C C	Horizontal - 2 Ft.	6 <sup>th</sup> from N. on W. Wing	CHEM	5
RF-24	None			7 <sup>th</sup> from N. on W. Wing, E. Side		

**Shepardson: Hazardous Fans**

Fan #	Hoods on Fan (Known)	Hood Class	Description	Location	Hazard Type	Hazard Rating
EF-1	0093-306-A-60402 0093-306-B-60402	C C				
EF-2	0093-302-A-60402 0093-302-B-60402 0093-311-60402	C C C				
	0093-108-60402	C				

**University Greenhouse: Hazardous Fans**

Overall Risk = 10

Fan #	Hoods on Fan (Known)	Hood Class	Description	Location	Hazard Type	Hazard Rating
On Hood	0108-11-61102	B	4" Gal Pipe	Above Main N. Entrance	CHEM	5



**Visual Arts**

Overall Risk = 34

Fan #	Hoods on Fan (Known)	Hood Class	Description	Location	Hazard Type	Hazard Rating
08	0151-E-102E-02	C	Mushroom - 2 Ft.	E Wing Center	CHEM	5
Many	Exhaust Hoods	Many different types of hoods are used in the Art Building. Consult map for proper precautions before giving roof clearance				19 Exhausts Rating of 5=34

**Vocational Education**

Overall Risk = 6

Fan #	Hoods on Fan (Known)	Hood Class	Description	Location	Hazard Type	Hazard Rating
001	0075-001-02	B	14" Arched exhaust duct, 4 Ft.	N. Slope	CHEM	2

**Wagar: Hazardous Fans**

Overall Risk = 20

Fan #	Hoods on Fan (Known)	Hood Class	Description	Location	Hazard Type	Hazard Rating
On Hood On Hood	0084-008-02 0084-203-02 0084-207A-02	C C B	Pipe Pipe	E. Wing Somewhere	CHEM	
None	0084-033J-02 0084-031-02 These hoods have not been positively linked to this fan!	B C		Vertical - 10 Ft.	Far W. Side	5

**Weed Research: Hazardous Fans**

Overall Risk = 7

Fan #	Hoods on Fan (Known)	Hood Class	Description	Location	Hazard Type	Hazard Rating
?	0107-101-02	C	Vertical - 10 Ft.		CHEM	2
0193	0107-103-02	C	Vertical - 10 Ft.	E. Wing, Farthest N.	CHEM	2
0192 & 0191	0107-108-A-02 0107-108-B-02	C C	Vertical - 10 Ft.	E. Wing S. of 0193	CHEM	2