

NC Facility Risk Assessment

Name(s) of Risk Team Members: L. Davis, D. Elling, S. Hoey, W. Litzke, A. Piper	Point Value Parameter → ↓	1	2	3	4	5
Job Title: General ODH (Oxygen Deficiency Hazard) Issues	Frequency (B)	≤once/year	≤once/month	≤once/week	≤once/shift	>once/shift
Job Number or Job Identifier: NC-FRA-003						
Job Description: General ODH issues throughout the CFN building	Severity (C)	First Aid Only	Medical Treatment	Lost Time	Partial Disability	Death or Permanent Disability
Training Procedures List (Optional):	Likelihood (D)	Very Unlikely	Unlikely	Possible	Probable	Multiple
Approved by: S. Hoey Date: 12/29/07 Rev. #: 0						
Stressors (if applicable, please list all)		Reason for Revision (if applicable):			Comments:	

Activity	Hazard	Control(s)	Before Additional Controls					Control(s) Added to Reduce Risk	After Additional Controls					% Risk Reduction		
			Stressor	# of People A	Frequency B	Severity C	Likelihood D		Risk* AxBxCxD	Stressors	# of People A	Frequency B	Severity C		Likelihood D	Risk* AxBxCxD
1. Occupancy in an ODH area	Oxygen deficiency (asphyxiation) resulting in death or permanent disability	Equipment/lab specific ODH analysis, experimental safety review, training, postings, Cryo committee reviews, odh monitors	N	1	5	3	1	15								
	Being struck and injured b an object due to pressure release	Equipment/lab specific ODH analysis, experimental safety review, training, postings, Cryo committee reviews, odh monitors	N	1	5	3	1	15								
	Impaired visibility during an ODH event, resulting in the inability	Tier 1, emergency exit sighs, adequate facility illumination, egress path clear of obstruction, training, procedures,	N	1	5	3	1	15								

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	to escape the ODH atmosphere, thereby resulting in death or permanent injury.	emergency response, ODH alarms (local and remote), control room alarm response													

*Risk:	0 to 20	21 to 40	41-60	61 to 80	81 or greater
	Negligible	Acceptable	Moderate	Substantial	Intolerable