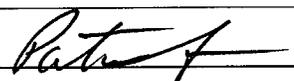


EENS Job Risk Assessment

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Name(s) of Risk Team Members: L. Bowerman, G. Carini, I. Dioszegi, J. Madaia, A. Piper, P. Vanier	Point Value → Parameter ↓	1	2	3	4	5
Job Title: Work in an Oxygen Deficiency Hazard Area JRA #: EENS-JRA-019 Rev. #: 0 Date: 5/2/06	Frequency (B)	≤once/year	≤once/month	≤once/week	≤once/shift	>once/shift
Job Description: Work in Oxygen Deficiency Hazard areas in EENS facilities.	Severity (C)	First Aid Only	Medical Treatment	Lost Time	Partial Disability	Death or Permanent Disability
Training Procedures List (Optional):	Likelihood (D)	Extremely Unlikely	Unlikely	Possible	Probable	Multiple
Approved by:  Date: 8/31/06 Patrick Sullivan						
Stressors (if applicable, please list all):		Reason for Revision (if applicable):			Comments:	

Job Step / Task	Hazard	Control(s)	Before Additional Controls					Control(s) Added to Reduce Risk	After Additional Controls						
			Stressor	# of People A	Frequency B	Severity C	Likelihood D		Risk* AxBxCxD	Stressors	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD % Risk Reduction
Work in potential ODH area's, due to the presence of nitrogen, helium	Oxygen Deficiency (asphyxiation)	Tier 1, postings, training, engineering controls (e.g., ventilation, design of Dewar to applicable standards), ESR, IH support, appropriate cart for Dewar's, engineering analysis	N	1	4	1	4	16							
Work in potential ODH areas, due to presence of xenon	Oxygen Deficiency (asphyxiation)	Tier 1, postings, training, engineering controls (e.g., ventilation, design of Dewar to applicable standards, etc), ESR, IH support, appropriate cart for Dewar's, engineering analysis	N	1	4	1	1	4							

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Job Step / Task	Hazard	Control(s)	Before Additional Controls					Control(s) Added to Reduce Risk	After Additional Controls						
			Stressor	# of People A	Frequency B	Severity C	Likelihood D		Risk* AxBxCxD	Stressors	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD % Risk
Work in potential ODH area's due to the presence of compressed gas cylinders in storage and in use	Oxygen Deficiency (asphyxiation)	Tier 1, postings, training, engineering controls (e.g., ventilation, design of Dewar to applicable standards, etc), ESR, IH support, appropriate cart for Dewar's, engineering analysis, SBMS subject area, protective cylinder caps, hydrostatic testing,	N	1	4	1	3	12							
Further Description of Controls Added to Reduce Risk:															
*Risk:	0 to 20 Negligible	21 to 40 Acceptable	41 to 60 Moderate					61 to 80 Substantial	81 or greater Intolerable						