

NSLS OHSAS Job Risk Assessment

The only official copy of this file is the one on-line in the NSLS ESH website. Before using a printed copy, verify that it is the most current version by checking the document issue date on the NSLS ESH website.

Name(s) of Risk Team Members: J. Aloï, A. Boerner, G. Ramirez, A. Santiago, J. Vaughn	Point Value → Parameter ↓	1	2	3	4	5
Job Title: Troubleshooting energized electrical equipment in the following range >=50v and <=240v. Job Number or Job Identifier: LS-JRA-0003	Frequency (B)	≤once/year	≤once/month	≤once/week	≤once/shift	>once/shift
Job Description: Performing diagnostic voltage measurements on energized electrical equipment in the following range >=50v and <=240v.	Severity (C)	First Aid Only	Medical Treatment	Lost Time	Partial Disability	Death or Permanent Disability
	Likelihood (D)	Extremely Unlikely <<1x/20yrs	Unlikely 1x/10-20yrs	Possible >1x/10-20yrs	Probable 1x/yr	Multiple >1x/yr
Training and Procedure List (Optional):						
Approved by: A. Ackerman Date: 6/20/2007 Rev. #: 2 Revision Log						
Stressors (if applicable, please list all):		Reason for Revision (if applicable):			Comments:	

NSLS OHSAS Job Risk Assessment

The only official copy of this file is the one on-line in the NSLS ESH website. Before using a printed copy, verify that it is the most current version by checking the document issue date on the NSLS ESH website.

Job Step / Task	Hazard	Before Controls					Initial Controls	After Initial Controls					Control(s) Added to Reduce Risk	After Additional Controls						
		Stressors Y/N	# of People A	Frequency B	Severity C	Likelihood D		Risk* AxBxCxD	# of People A	Frequency B	Severity C	Likelihood D		Risk* AxBxCxD	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	% Risk Reduction
Voltage measurement on energized electrical conductors	Electrocution		1	3	5	5	75	Training, proper grounding, proper equipment design & installation, NFPA 70E compliant PPE, standards & procedures, proper CAT meter, electrical work permit, proper lighting, AED	1	3	5	1	15							
	Electrical Shock		1	3	3	5	45	Training, proper grounding, proper equipment design & installation, NFPA 70E compliant PPE, standards & procedures, proper CAT meter, electrical work permit, proper lighting, AED	1	3	3	1	9							

NSLS OHSAS Job Risk Assessment

The only official copy of this file is the one on-line in the NSLS ESH website. Before using a printed copy, verify that it is the most current version by checking the document issue date on the NSLS ESH website.

Job Step / Task	Hazard	Before Controls					Initial Controls	After Initial Controls					Control(s) Added to Reduce Risk	After Additional Controls						
		Stressors Y/N	# of People A	Frequency B	Severity C	Likelihood D		Risk* AxBxCxD	# of People A	Frequency B	Severity C	Likelihood D		Risk* AxBxCxD	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	% Risk Reduction
	Arc Flash		1	3	5	5	75	Training, proper grounding, proper equipment design & installation, NFPA 70E compliant PPE, standards & procedures, proper CAT meter, electrical work permit, proper lighting	1	3	3	2	18							
	Reflex Injury		1	3	5	5	75	Training, proper grounding, proper equipment design & installation, standards & procedures, NFPA 70E compliant PPE, proper CAT meter, electrical work permit, proper lighting, Good Housekeeping, Tier I	1	3	5	1	15							

NSLS OHSAS Job Risk Assessment

The only official copy of this file is the one on-line in the NSLS ESH website. Before using a printed copy, verify that it is the most current version by checking the document issue date on the NSLS ESH website.

Job Step / Task	Hazard	Before Controls					Initial Controls	After Initial Controls					Control(s) Added to Reduce Risk	After Additional Controls							
		Stressors Y/N	# of People A	Frequency B	Severity C	Likelihood D		Risk* AxBxCxD	# of People A	Frequency B	Severity C	Likelihood D		Risk* AxBxCxD	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	% Risk Reduction	
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				