

BNL Job Risk Assessment

Name(s) of Site Level Risk Team Members: A. Piper, J. Taylor, F. Horn, A. Emrick, J. Peters, J. Selva	Point Value → Parameter ↓	1	2	3	4	5
Name(s) of Specific Application Risk Team Members:						
Job Title: Manual Lifting (of loads of about 30 pounds or less) Job Number or Job Identifier: None	Frequency (B)	≤once/year	≤once/month	≤once/week	≤once/shift	>once/shift
Job Description: Lifting and movement of objects and packages in building and around grounds	Severity (C)	First Aid Only	Medical Treatment	Lost Time	Partial Disability	Death or Permanent Disability
Training Procedures List (Optional): BNL Back Safety (TQ-BACKSAFE); BNL Ergonomics in the Mechanical and Industrial Setting (TQ-ERGO-IND), Physical Therapist Review and Follow up training	Likelihood (D)	Very Unlikely	Unlikely	Possible	Probable	Multiple
Applicable Standard Operating Procedures: Approved by: J. Selva Date: 07/07/09 Rev. #:1						
Stressors (if applicable, please list all) Lighting; walking surface conditions		Reason for Revision (if applicable): Rev 1: Triennial Update				Comments:

Activity	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
Lifting of boxes, containers, packages, equipment, etc. (weight up to 30 pounds [14kg])	Overexertion injuries from excessive lifting, pushing, pulling, holding, carrying	proper lifting technique, assistance from others, gloves and supportive shoes, handle holds built into load, use of mechanical equipment	N	1	4	2	3	28							
	Injury from falls to while moving with obstructed view	floor maintenance; good footwear; housekeeping, assistant (spotter)	Y	1	4	2	3	32							

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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
[continued] Lifting of boxes, containers, packages, equipment, etc. (weight up to 30 pounds [14kg])	Strain/sprain injury from bending or loss of balance without falling	proper lifting technique, gloves and supportive shoes, handle holds built into load, use of mechanical equipment	N	1	4	2	3	24							
	Cuts and abrasions	Use of gloves and supportive shoes, handle holds built into load, safety shoes	N	1	4	1	3	12							
	Being struck by dropped load	Use of gloves and safety shoes, handle holds built into load, lifting rules, training	N	1	4	2	3	24	Safety shoes as required footwear	N	1	4	1	3	12
Carrying loads up & down stairs	Falls to lower level or trip at same level	Sufficient lighting, surface maintenance; good footwear; housekeeping; hand rails, use of ramps and elevators as alternative	Y	1	4	3	4	48							
Moving and hold objects with extended arm reach	Muscle strain in arm and backs, spinal injury in back	Lifting rules, training, use of step stools, use of assistance in lifting and holding, handles built into object, load move close to body for extended periods of holding, tables or platforms use to eliminate muscle fatigue	N	1	4	3	3	36							

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