

Name(s) of Risk Team Members: P. Cirnigliaro, A. Etkin, R. Karol, E. Lessard, J. Maraviglia, D. Passarello, A. Piper, R. Savage, J. Scott, M. Van Essendelft	Point Value → Parameter ↓	1	2	3	4	5
Area/Facility Description Title: Collider-Accelerator Department Area/Facility # (if applicable): Area-Wide FRA 11-04	Occupancy or Use	≤once/year	≤once/month	≤once/week	≤once/shift	>once/shift
Area/Facility Description: Area-Wide Offices	Severity	First Aid Only	Medical Treatment	Lost Time	Partial Disability	Death or Permanent Disability
	Likelihood	Impossible	Unlikely	Possible	Probable	Multiple
Approved by: <i>E. Lessard</i> Date: 7-12-04 Rev.#: 1						

Reason for Revision (if applicable):
FRA number added and standard hazard nomenclature added.

Comments:

Physical Item or Activity	Hazard(s)	Control(s)	Before Additional Controls				Control(s) Added to Reduce Risk	After Additional Controls				% Risk Reduction
			Occupancy A	Severity B	Likelihood C	Risk* AxBxC		Occupancy A	Severity B	Likelihood C	Risk* AxBxC	
Walking surfaces to and from Offices	Falls on same level	Facility maintenance, postings, barriers, snow removal, training, safety shoes, snow cleats, Tier 1 inspections, housekeeping policy, normal and emergency lighting	5	4	4	80	OPM 2.35 written for snow removal, discussed this issue at C-AD management review, distributed snow shovels, ID snow removal areas, schedule meetings with BNL Site Superintendent each fall to review snow removal issues, enhanced Tier 1 inspections	5	4	3	60	25%
Office shelving	Falls to lower level, such as falling from a stool	Lift limits, use of step stools, use of dedicated movers and riggers	5	2	2	20						
Office shelving	Being struck by an object, such as a shelf item	Limit usage of top shelves, lower shelf heights, Tier 1 inspections	5	2	2	20						
Storage	Combustibles	Tier 1 inspections, fire detection and suppression systems	5	3	2	30						
Storage	Blocked egress	Normal and emergency lighting, life safety codes, proper planning of office equipment layout, Tier 1 inspection	5	3	2	30						
Electrical	Fire	Proper grounding, fire detection and suppression systems, Tier 1 inspections, facility maintenance, use of listed and approved devices	5	3	2	30						
Electrical	Contact with temperature – extremes that result in such injuries as burns	Tier 1 inspections, facility maintenance, use of listed and approved devices	5	2	2	20						
Electrical	Electrical shock	Proper grounding, Tier 1 inspections, facility maintenance, work planning, LOTO, GFCI, use of listed and approved devices	5	2	2	20						
Computer and Office Machine Usage	Overexertion – injuries caused by excessive lifting, pushing, pulling, holding, or carrying of an object	BNL SHSD ergonomic reviews, training, use of ergonomically designed equipment	5	2	4	40						
Working environment	Poor air quality, mold	HVAC, facility maintenance, Tier 1 inspections	5	2	2	20						

Further Description of Controls Added to Reduce Risk:

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