

Name(s) of Risk Team Members: R. Karol , J. Scott, R. Zaharatos, P. Sparrow, J. Benante			Point Value → Parameter ↓		1	2	3	4	5		
Area/Facility Description Title: Collider-Accelerator Department Area/Facility # (if applicable): Facility-Wide FRA 5-08			Occupancy or Use (A)		≤once/year	≤once/month	≤once/week	≤once/shift	>once/shift		
Area/Facility Description: Facility-Wide Housekeeping			Severity (B)		First Aid Only	Medical Treatment	Lost Time	Partial Disability	Death or Permanent Disability		
			Likelihood (C)		Extremely Unlikely	Unlikely	Possible	Probable	Multiple		
Approved by: <i>E. Lessard</i> Date: 11-6-07 Rev.#: 0			Reason for Revision (if applicable):						Comments:		
			Before Additional Controls				After Additional Controls				
Physical Item or Activity	Hazard(s)	Control(s)	Occupancy A	Severity B	Likelihood C	Risk* AxBxC	Control(s) Added to Reduce Risk				% Risk Reduction
Walking – working surfaces	Falls on same level	Tier 1; work planning; skill of craft; P.E. scheduled maintenance; internal and external audits; posting; labeling; training; barriers; communication; internal processes; lessons learned. C-A staff identified outside walking/working surfaces that are in need of repair. PE instituted a program to correct deficiencies. Snow shovels and salt were distributed to staff for emergency use on walkways in winter storms. A safety checklist: Walking and Working Surfaces was distributed to staff. C-A O.P.M. 2.28.d was updated to indicate that work performed with risk factors of slipping and falling shall be classified at a minimum as a moderate hazard job and will require additional review and an Enhanced Work Permit, C-AD housekeeping OPM, Senior management on tier 1 inspections, building manager program, manager work observations	5	3	3	45					
Storage	Being struck by an object, such as a tool falling on a worker from above	Tier 1; inventory control; work planning; postings; labels; barriers; internal and external audits; training; communication; internal procedures; lessons learned, no storage on top of lockers or around electrical panels or disconnects, C-AD housekeeping OPM, Building manager program	4	3	2	24					
Egress	Impaired egress	Tier 1; work planning; skill of craft; P.E. scheduled maintenance; internal and external audits; posting; labeling; training; barriers; communication; internal processes; lessons learned; life safety codes; emergency preparedness, Housekeeping OPM, building manager program, manager work observations	4	4	2	32					
Air	Poor indoor air quality	Tier 1; work planning; skill of craft; P.E. scheduled maintenance; internal and external audits; posting; labeling; training; barriers; HVAC maintenance, ventilation, IH monitoring as required, housekeeping OPM, building manager program, manager work observations	4	3	2	24					

Lighting	Falls, Bumps, Trips	Tier1, work planning, Housekeeping OPM, building manger program, PE maintenance, Portable lighting as required, communications, flashlights, manager work observations	4	3	2	24					
Ergonomics	Carpal tunnel, sprains, strains	Tier1, ergonomic reviews, training, housekeeping OPM, building manager program, IH reviews and help, manager work observations	4	3	2	24					
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						