

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 23-05			Occupancy or Use (A)	≤once/year	≤once/month	≤once/week	≤once/shift	>once/shift			
Area/Facility Description: Area-Wide 90-day and Satellite Areas			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: 3-21-05 Rev.#: 0								Comments:			
Reason for Revision (if applicable):											
			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
Chemical Handling	Burns	Procedures, compliance with regulations, training, CMS inventory, MSDS, volume controls, Fire/Rescue group response, PPE as required, locked or controlled areas, postings, labeling, proper containers, segregation, spill cleanup equipment available, Tier 1 inspections, 90-day and Satellite Area controls	4	3	2	24					
Chemical Handling	Asphyxiation	Procedures, compliance with regulations, training, CMS inventory, MSDS, volume controls, Fire/Rescue group response, PPE as required, locked or controlled areas, postings, labeling, segregation, Tier 1 inspections, 90-day and Satellite Area controls	4	3	2	24					
Chemical Handling	Eye exposure	Procedures, compliance with regulations, training, CMS inventory, MSDS, volume controls, PPE as required, eyewash and showers, locked or controlled areas, postings, labeling, proper containers, segregation, Tier 1 inspections, 90-day and Satellite Area controls	4	4	2	32					
Chemical Handling	Being struck by an object such as a falling 55 gallon drum	Training, work planning, spotters	2	4	3	24					
Chemical Handling	Overexertion – injuries caused by excessive lifting, pushing, pulling, carrying or throwing of an object	Training, procedures, work planning	3	3	3	27					
Chemical Transport	Burns, asphyxiation, eye exposure	Procedures, compliance with regulations, training, CMS inventory, MSDS, volume controls, Fire/Rescue group response, PPE as required, postings, labeling proper containers, segregation, spill cleanup equipment available, BNL vehicles used, Facility transport point-of-contact SME.	3	2	3	18					
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