

Name(s) of Risk Team Members: F. Kobasiuk, R. Savage, J. White, L. Arnold, C. Blaxon, E. Dabrowski, R. Karl, S. Pontieri				Point Value → Parameter ↓	1	2	3	4	5							
Job Title: Forklift use by C-AD staff or Users Job Number or Job Identifier: JRA 20-05				Frequency (B)	≤once/year	≤once/month	≤once/week	≤once/shift	>once/shift							
Job Description: Moving quadrupole magnet with forklift in building 922.				Severity (C)	First Aid Only	Medical Treatment	Lost Time	Partial Disability	Death or Permanent Disability							
Training and Procedures List (optional): Basic Rigging, Forklift Operator and Practical, Material Handling Medical Surveillance and Back Safety Training Approved by: <i>E. Lessard</i> Date: 3-14-05 Rev. #:0				Likelihood (D)	Extremely Unlikely	Unlikely	Possible	Probable	Multiple							
Stressors (if applicable, please list all): Being asked to hurry the work because it is near the end of the day or because not enough time was planned for the job.				Reason for Revision (if applicable):			Comments:									
				Before Additional Controls					After Additional Controls							
Job Step / Task	Hazard	Control(s)	Stressors Y/N	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	Control(s) Added to Reduce Risk	Stressors Y/N	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	% Risk Reduction
Fork truck inspection	Injuries caused by lifting, pushing, pulling blades, bending checking tires and mechanisms	Selecting appropriate type of fork truck for application, back safety training, use of squat lift technique, work planning, PPE, training, Tier I inspections.	Y	1	4	2	1	8								
Fork truck inspection	Falls on same level	Work planning, PPE (slip-resistant footwear), training, housekeeping, Tier I inspections.	Y	1	4	3	1	12								
Select rigging equipment (e.g., straps), move to or from load area	Overexertion – injuries caused by excessive lifting, pushing, pulling, holding, carrying	Back safety training, use of squat lift technique, work planning, PPE, training, Tier I inspections, known weight of load, known lifting points on load.	Y	1	4	2	2	16								
Select rigging equipment (e.g., straps), move to or from load area	Falls on same level	Work planning, PPE (slip-resistant footwear), training, housekeeping, Tier I inspections.	Y	1	4	3	2	24								

Start up and move fork truck to work location	Being stuck against an object falling	Procedures, training, route and area checked clear prior to movement, spotter if applicable, seat belts, visible and audible alarms on fork truck as required.	Y	1	4	3	2	24								
Start up and move fork truck to work location	Inhalation of exhaust fumes	Procedure, training, building ventilation. Evaluate and repair ventilation system if required.	N	1	4	1	1	4								
Move fork truck under pallet or object, lift load, transport load or lower load at new location	Getting struck by dropped load or hitting other objects or people with load while moving	Work planning, PPE, training, PE & C-AD inspection and maintenance of equipment, procedures, Tier I inspection, known weight of load, known center of gravity of load, known lifting points on load, route and area checked clear prior to movement, seat belts, spotter if applicable, visible and audible alarms on fork truck as required. C-AD Supervisors review their personnel assigned to perform mechanical material handling.	N	1	4	4	2	32								

Further Description of Controls Added to Reduce Risk:

Rigging incidents in the past two years have heightened awareness of needed competency and following of procedures and safety rules. This includes discussion of planned work with the person(s) doing the work, ensuring that they have the training / qualifications, and ensuring they are aware of the safety aspects of the work to be performed.

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