

Job Risk Assessment

Name(s) of Risk Team Members: J. Scott, A. Anderson, R. Johnson, R. Medina, A. Korol				Point Value → Parameter ↓	1	2	3	4	5							
Job Title: Material Handling, Machinery Job Number or Job Identifier: JRA 2-08				Frequency (B)	≤once/year	≤once/month	≤once/week	≤once/shift	>once/shift							
Job Description: Lifting and moving pipe with Walk Behind Crane				Severity (C)	First Aid Only	Medical Treatment	Lost Time	Partial Disability	Death or Permanent Disability							
Training and Procedures List (optional): Specific training to Riggers on Crane, Certified Riggers, Applicable Standard Operating Procedures				Likelihood (D)	Very Unlikely	Unlikely	Possible	Probable	Multiple							
Approved by: <i>E. Lessard</i> Date: 5-7-08 Rev. #: 0																
Stressors (if applicable, please list all):				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		Stressors Y/N	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	% Risk Reduction
Inspecting walk behind crane, transport truck, and rigging	Falls from same height	Training, PPE, inspections, checklists, PE maintenance of surfaces, Tier 1, no lifting manually over 44lbs. SBMS, work planning, proper footwear	Y	2	2	3	2	24								
Inspecting walk behind crane, transport truck, and rigging	Falls from height	Training, PPE, inspection checklists, PE maintenance of surfaces, ladders, Tier 1, no lifting manually over 44lbs. SBMS, qualified riggers, work planning, proper footwear	Y	2	2	3	2	24								
Inspecting walk behind crane, transport truck, and rigging	Over exertion, repetitive motion	Training, PPE, inspection checklists, PE maintenance of surfaces, Tier 1, no lifting manually over 44lbs. SBMS, work planning	Y	2	2	3	2	24								
Moving walk behind crane to transport truck, or to work area	Run over, crushed at choke point	Qualified riggers, SBM's, work planning, planned route, spotters, training, crane stops when control lever is let go of, pinch points on crane labeled, outriggers on crane with wheels for stability, training, and specific OJT on crane, PPE	Y	1	2	4	2	16								
Moving walk behind crane to transport truck, or to work area	Traffic accident	Qualified riggers, SBM's, work planning, planned route, barricades, traffic control, spotters, training, specific OJT on crane, PPE	Y	1	2	5	2	20								

Moving walk behind crane to transport truck or to work area	Hitting overhead lights, lines etc.	Qualified riggers, PPE, work planning, planned route, spotters, training, SBMS, PPE, and specific OJT on crane.	Y	1	2	4	2	16								
Loading and unloading crane onto transport truck	Tipping upsetting unit	Qualified riggers, proper lifting spots on crane for fork truck or crane, weight & center of gravity known, PPE, Ramps or tilting trailer available, winches and chains as required, SBMS, work planning, training	Y	2	2	5	2	40								
Securing & unsecuring crane to truck bed.	Falls from height	Qualified riggers, SBMS, certified equipment, crane has installed tie points, PPE, ladders, training	Y	3	2	2	2	24								
Securing & unsecuring crane to truck bed.	Falls from same level	Qualified riggers, SBMS, certified equipment, crane has installed tie points, training, PPE, PE maintenance of roadways	Y	3	2	2	2	24								
Securing & unsecuring crane to truck bed.	Overexertion, repetitive motion	Qualified riggers, SBMS, certified equipment, crane has installed tie points, training, PPE, PE maintenance of roadways	Y	3	2	2	2	24								
Setting up crane for lift & making lift	Being struck by an object	Qualified riggers, SBMS, work planning, known weight& center of gravity, PPE, training, certified inspected equipment, owners manual	Y	3	2	3	2	36								
Setting up crane for lift & making lift	Crane tip-over or run over during movement	Qualified riggers, SBMS, work planning, known weight& center of gravity, PPE, training, certified inspected equipment, route planned prior to movement, barricades or spotters as required, outriggers on crane for stability, owners manual	Y	3	2	3	2	36								
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											