

Task Title: G0 Gate Valve Removal

Task #: C-08-003-T

Date 02/26/08

Complete all information. Use as many sheets as necessary.	
Task location: Hall C/Physics Storage	Prepared by: A. Kenyon
Division: PHY	Reviewed by(worker): <i>Ludwig</i>
Department: Hall C	Reviewed by (worker): <i>Charles G. Lassiter</i>
Supervisor: W. Kellner	Approved by: <i>W. Kellner</i>
Standard Requirements: Hardhats, safety shoes, gloves. Master rigger and two crane operators. Follow standard rigging procedures and EH&S 6140 Crane & Hoist, 6147 Aerial Work Platforms, 6132 Ladders and Scaffolds, 6145 Fork Lift, and 6131 Trip and Fall Protection	

Sequence of Job Steps	Potential Hazards	Risk Code before mitigation	Safety Procedures/Practices/ Controls	Risk Code after mitigation
Remove bottom 10 bolts	Fall	2	Do not over reach. Keep work close to your CG. If in platform tie off	0
	Ladder work	1	Do not carry tools bolts &c while ascending/descending ladder. Use a bucket.	0
Rig lift to 4t jib crane, two shackles two 8' slings.	1400 lbs.	1	Inspect rigging prior to use. Use master rigger and qualified operator.	0
	Crush	1	Do not work under a suspended load	0
Remove final bolts from the sides	Bump from shifting load	1	Operator to take all slack out of slings prior.	0
Lower load rotate job to give 20 t crane access	Bump/Crush	1	Lower load close to floor. Do not work under load.	0
Rig for 20t pick at lower eyes	Two crane pick	1	Per Work Coordinator lift downgraded from critical due to low weight, slow crane movement, and team competency. Master Rigger connects up. Use two operators taking instructions from the master rigger alone.	0
Raise down end of valve (20 t)	Swing, side load, &c.	1	Watch angles. Adjust by moving 20t crane only.	0
Tandem lower	Uneven set down	0	Synchronize crane speeds	0
Re-rig and pick with 20t	Crash into jig	1	Move Jib out of the way	0

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Overhead work	Crush	1	Use spotters to be sure path is clear of personnel.	0
Set valve on trailer	Damage	1	Set down gently	0
Remove from hall and store	Damage	1	Use care when offloading with fork lift.	0