

Job Risk Analysis

Name(s) of Risk Team Members: A. Etkin, C. Rhein				Point Value → Parameter ↓	1	2	3	4	5							
Job Title: Machine work (lathes, drill press, milling) Job Number or Job Identifier: JRA 24-05				Frequency (B)	≤once/year	≤once/month	≤once/week	≤once/shift	>once/shift							
Job Description: Producing a bearing puller for RF tuner in building 975				Severity (C)	First Aid Only	Medical Treatment	Lost Time	Partial Disability	Death or Permanent Disability							
Training and Procedures List (optional):				Likelihood (D)	Extremely Unlikely	Unlikely	Possible	Probable	Multiple							
Approved by: <i>E. Lessard</i> Date: 5-13-05 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	Control(s) Added to Reduce Risk	Stressors Y/N	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	% Risk Reduction
Install cutting tool into lathe tool post	Cut by sharp object	Training, gloves	N	1	5	1	2	10								
Adjust feed speed on lathe	Being struck by object or tool if wrong speed is selected for feed speed	Training, performing machine maintenance, checking speed prior to cutting operation, safety glasses	N	1	5	2	2	20								
Turning Operation	Being struck by object, hot metal chips	Training, safety glasses, machine guard, cutting fluid to cool metal	N	1	5	2	2	20								
Turning Operation	Repetitive arm motion	Take appropriate breaks from specific task, change of activity	N	1	5	3	2	30								
De-burring finished part	Cut by sharp object	Training, use of proper hand tools	N	1	4	1	3	12								
Blowing off turnings with air hose	Eye injury from turnings	Training, proper nozzle, eye protection	N	1	5	2	2	20								
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