

NC Job Risk Assessment

Name(s) of Risk Team Members: L. Davis, D. Elling, S. Hoey, W. Litzke, A. Piper	Point Value → Parameter ↓	1	2	3	4	5
Job Title: Radiation Generating Devices (RGD) Job Number or Job Identifier: NC-JRA-013	Frequency (B)	≤once/year	≤once/month	≤once/week	≤once/shift	>once/shift
Job Description: Use and operation of radiation generating devices (RGDs).	Severity (C)	First Aid Only	Medical Treatment	Lost Time	Partial Disability	Death or Permanent Disability
Training Procedures List (Optional):	Likelihood (D)	Very Unlikely	Unlikely	Possible	Probable	Multiple
Approved by: S. Hoey Date: 12/24/07 Rev. #: 0						

Job Step / Task	Hazard	Control(s)	Before Additional Controls					Control(s) Added to Reduce Risk	After Additional Controls					% Risk Reduction	
			Stressor	# of People A	Frequency B	Severity C	Likelihood D		Risk* AxBxCxD	Stressors	# of People A	Frequency B	Severity C		Likelihood D
Inserting or removing samples	Radiation exposure	Training, shielding, interlocks, postings, procedures, RGD subject area in SBMS	N	1	5	2	2	20							
Operation of device	Radiation exposure	Training, shielding, interlocks, postings, procedures, RGD subject area in SBMS	N	1	5	1	2	10							

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Maintenance / Alignment	Radiation exposure	Training, shielding, interlocks, postings, procedures, RGD subject area in SBMS, LOTO	Y	2	1	3	2	12							
	Electrical Shock	Training, postings, procedures, RGD subject area in SBMS	N	2	1	5	2	20							
	Reflex injury from electrical shock	Training, interlocks, postings, procedures, RGD subject area in SBMS, LOTO, clean working area	N	1	1	5	2	10							

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