

Risk Assessment - High Power Gunn Diode Oscillator

Works:

Area:

Department:

Location:

Task:

Personnel Staff

Involved: Students

Visitors

Operator

Probability

5 = Extremely Likely

4 = Very Likely

3 = Likely

2 = Unlikely

1 = Extremely Unlikely

Severity

5 = Fatality or major incident

4 = Serious Injury or significant loss

3 = Lost Time Accident

2 = Minor Injury

1 = Minimal Loss

Risk Band

0-4 LOW

5-9 MED

10-25 HIGH

HAZARD	Existing Control Measure's	Assessment		Total	Risk Band	Proposed Control Measures
		Probability	Severity			
1. Biological effects of RF radiation	Care taken around the waveguide output	3	4	12	High	See additional control measures attached
2. Electric shock	Any exposed live connections are insulated	2	4	8	Med	
3. High temperatures associated with Power equipment	Components allowed to cool down before handling	3	3	9	Med	
4. Slips/Trips/Falls	Equipment stored neatly in laboratory	2	2	4	Low	
5						
6						
7						

Date: _____

Student Signature's: _____

Supervisor Signature: _____