

Risk Assessment

Background Information		Date:
Describe the product and application		Name of Assessor:
Describe the Laser		
Describe the Beam Delivery System		
Describe the Laser Process		
Describe the Environment		
Who uses the product or could affect its operation?		
Circle the part(s) of the life cycle of interest	<i>Planning, Design, Manufacture, Testing, Transport, Installation, Commissioning, Normal Operation, Maintenance, Servicing, Modification, Decommissioning, Disposal</i>	

Risk Assessment

Assessment Number: Assessed by:		Assessment Date: Review Date:		Activity/Facility Assessed: Location:	
STEP 1	STEP 2	STEP 3			
List significant hazards	List groups of people who are at risk	List existing controls	Are these controls OK?	What is the risk factor from these hazards?	Actions Required (See over)
The Laser:					

Risk Assessment

Assessment Number: Assessed by:		Assessment Date: Review Date:			Activity/Facility Assessed: Location:	
STEP 1	STEP 2	STEP 3				
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Beam Delivery:						

Risk Assessment

Assessment Number: Assessed by:		Assessment Date: Review Date:			Activity/Facility Assessed: Location:	
STEP 1	STEP 2	STEP 3				
List significant hazards	List groups of people who are at risk	List existing controls	Are these controls OK?	What is the risk factor from these hazards?	Actions Required (See over)	
The Laser Process:						

Risk Assessment

Assessment Number:		Assessment Date:			Activity/Facility Assessed:	
Assessed by:		Review Date:			Location:	
STEP 1		STEP 2		STEP 3		
List significant hazards		List groups of people who are at risk		List existing controls		Are these controls OK?
						What is the risk factor from these hazards?
						Actions Required (See over)
Environment & People:						

Persons at risk				Risk	Life Cycle	Other	
Staff	S	Public	P	High	Set-up	Service	
Contractor	C	Other	O	Medium	Normal Operation	Other	
Visitor	V			Low	Maintenance		

Risk Assessment

Significant Hazards Identified	Actions Required	Date for Action	Completed By (Name and Date)
The Laser:			

Risk Assessment

Significant Hazards Identified	Actions Required	Date for Action	Completed By (Name and Date)
Beam Delivery:			

Risk Assessment

Significant Hazards Identified	Actions Required	Date for Action	Completed By (Name and Date)
The Laser Process:			

Risk Assessment

Significant Hazards Identified	Actions Required	Date for Action	Completed By (Name and Date)
Environment & People:			

<i>Examples of Hazards</i>					
People	Noise	Fumes	Radiation hazards	Hot objects	
Poor instruction, training	Fire	Moving parts of machinery	X Rays/EMI	Ozone	
Inadequate systems or procedures	Lifting of heavy objects	Pressure systems	Compressed gases	Trailing leads	
Unsuitable workstation/equipment	Electricity	Falling objects	Inadequate optics mounts	Optical fibre breakage	
Poor lighting	Chemicals/substances	Explosion	Optical component failure	Errant beams	
Slip, trip hazards	Dust	Bio-hazards	Confined spaces		