



**Risk Assessment for Assembly and Operation of GF8 Camera Cranes.**

RISK	LEVEL	RISK REDUCTION FEATURES
Crane components are heavy.	HIGH	Use of correct lifting techniques. Seek help for heavier objects.
Crane base is mobile.	LOW	Secure base using jacks or chocks, on level stable ground.
Personal injury through dropping weights or crane components	MEDIUM	Minimum of two people should be in attendance whilst assembling or dismantling the crane.
Injury to other crew members working in the vicinity of crane assembly	MEDIUM	Area around crane assembly to be kept clear of all personnel not involved in building the crane
Tripping and falling over equipment.	LOW	Equipment to be kept in an orderly and tidy manner.
Walking into crane when built.	MEDIUM	A "NO GO" area should be set up 1m around the built area of the complete crane.
Risk of crane imbalance or toppling.	MEDIUM	Experienced and trained technicians ONLY to operate crane.
Payload falling from height.	MEDIUM	All equipment and personnel should be secured at all times.
Imbalance due to changes in payload.	LOW	Payload not allowed to alter in any way without consultation with technicians.
Collision with high and low obstacles.	LOW	Technicians to be aware of surrounding environment at all times.
Electrocution.	LOW	Technicians to be aware of overhead cables at all times. For safe working distances, refer to ASPEC crane safety manual.
Movement of crane whilst unattended.	LOW	Crane should be secure and fixed in place before technicians leave.
Extreme weather conditions.	LOW	Technicians to be aware of extreme weather conditions.
Tracking with Crane	MEDIUM	Technicians to be aware of G forces when swinging arm whilst tracking

This document is produced in conjunction with the ASPEC Health and Safety Manual. Technicians should refer to this manual if they are unsure about any aspect of the safe operation of camera cranes.