TECHNICAL CHECK SHEET

MEMBERSHIP No…….. **TX CONTROL No……** **DATE……..EVENT……**

TEAM NAME……..…….. **WEIGHT……kgs** **WEIGHT CLASS……**

ROBOT NAME…… **W……..cms** **L……..cms** **H……cms**

TEAM CAPTAIN…….. **CRYSTAL Nos……..**

STATIC CHECK

		N/A	APPROVED	NOT ACCEPTED	TO BE IMPROVED
CRADLES	CAPABLE OF RAISING DRIVE WHEELS OFF A SURFACE	☐	☐	☐	☐
GUARDS	CAPABLE OF COVERING POINTS AND SHARP EDGES	☐	☐	☐	☐
LOCKING DEVICES	CAPABLE OF PREVENTING MOVEMENT OF WEAPON	☐	☐	☐	☐
ISOLATING DEVICES	CAPABLE OF COMPLETE SHUTDOWN ON REMOVAL	☐	☐	☐	☐
ACCESS TO ISOLATING DEVICES	CAPABLE OF OPENING / CLOSING WITHOUT TOOLS	☐	☐	☐	☐
ISOLATING DEVICES	ACCESSIBLE OUT OF WEAPONRY LINE OF FIRE	☐	☐	☐	☐
BATTERY	SEALED TYPE, CLAMPED AND TERMINALS INSULATED	☐	☐	☐	☐
RADIO SYSTEM	FAIL-SAFE INCORPORATED	☐	☐	☐	☐
ELECTRICAL SYSTEM	SUITABLE WIRING, INSULATION, REMOVABLE LINK(S)	☐	☐	☐	☐
ELECTRICAL SYSTEM	EXTERNAL "POWER ON" LIGHT	☐	☐	☐	☐
HATCH MARKINGS	CLEAR MARKINGS OF ACCESS HATCH(ES) & VALVES	☐	☐	☐	☐
PNEUMATIC SYSTEM	PRESSURE RELEASE VALVE, DUMP VALVE	☐	☐	☐	☐
PNEUMATIC VALVE	CAPABLE OF OPENING / CLOSING WITHOUT TOOLS	☐	☐	☐	☐
ACCESS TO PNEUMATIC VALVE	ACCESSIBLE OUT OF WEAPONRY LINE OF FIRE	☐	☐	☐	☐
PNEUMATIC RESERVOIR	CERTIFIED TESTED TO MAXIMUM PRESSURE OF 1000 psi	☐	☐	☐	☐
HYDRAULIC SYSTEM	PRESSURE RELIEF VALVE SET TO MAXIMUM OF 3000 psi	☐	☐	☐	☐
IC FUEL SYSTEM	KILL SWITCH, FUEL TANK MAXIMUM CAPACITY	☐	☐	☐	☐
WEAPONRY	SUITABLE TETHER INSTALLED	☐	☐	☐	☐

OPERATIONAL CHECK

(NOT TO BE PERFORMED PRIOR TO THE STATIC CHECK AND TO BE CARRIED OUT IN A SAFE AREA, WHILST SEATED ON THE CRADLE)

CRYSTAL CHECK	ALL RECEIVERS AND TRANSMITTERS		☐	☐	☐
FAIL-SAFE OPERATION	ALL SYSTEMS RETURNED TO NEUTRAL ON LOSS OF SIGNAL		☐	☐	☐
ISOLATING DEVICE OPERATION	REMOVAL OF DEVICE TOTALLY ISOLATES ROBOT		☐	☐	☐
DRIVE OPERATION	FORWARDS, BACKWARDS, LEFT, RIGHT, BRAKING		☐	☐	☐
RADIO GEAR	CORRECT LABELLING AND OPERATION		☐	☐	☐
WEAPONRY OPERATION TEST	ONLY IF ENVIRONMENT ALLOWS OPERATION	☐	☐	☐	☐

RESULT

ROBOT ACCEPTED ☐

ROBOT ACCEPTED BUT WITH RESTRICTIONS (see details in comments box) ☐

ROBOT NOT ACCEPTED (see reasons in comments box) ☐

COMMENTS

INSPECTED BY…… **TECHNICAL REPRESENTATIVE**

ACCEPTED BY…… **ROBOT TEAM REPRESENTATIVE**

NO ROBOT WILL BE ALLOWED TO COMPETE WITHOUT FULL COMPLETION OF THIS FORM