

APPENDIX B- RISK ASSESSMENT

PRODUCT RISK / HAZARD ASSESSMENT TABLE

PRODUCT NAME:	IKKX-6 Generator	Assessment Carried Out By:	Thomas Barra
MANUFACTURER:	MAXIMEX	Document Revision Number:	001
OPERATOR COMPETENCY:	PLANT LICENCE NOT REQUIRED	Date Created:	05/04/2014

No:	TYPE / NATURE OF RISK or HAZARD	LIKELIHOOD	CONSEQUENCE	RISK LEVEL	CONTROL ACTION			
1.0	1.1 PERSONAL INJURY - BURNS WHILST DOING MAINTENANCE ON MACHINE	2	NEGIGIBLE	4	LOW	- BE CAUTIOUS OF HOT PARTS (SUCH AS MUFFLERS), ALLOW TO COOL BEFORE MAINTENANCE/ADJUSTMENTS		
	1.2 FIRE/EXPLOSION WHILST REFUELLING ENGINE	3	UNLIKELY	2	MAJOR	3	MEDIUM	- SHUT OFF MACHINE AND ALLOW TO COOL BEFORE REFUELLING. NEVER REFUEL WHILE MOTOR IS RUNNING. - DO NOT SMOKE AND ENSURE REFUELLING IS UNDERTAKEN IN WELL VENTILATED AREA (OUTSIDE CLEAR OF IGNITION SOURCES)
2.0	2.1 LOW RISK OF POSSIBLE MINOR BURNS FROM MAINS ELECTRICAL CONNECTIONS ON GENERATOR	3	UNLIKELY	1	FATALITY	2	HIGH	- ENSURE THAT NO PART OF BODY IS IN CONTACT WITH TERMINALS WHEN STARTING / USING GENERATOR - STAFF TRAINING ON CORRECT LIFTING PROCEDURE
	3.0 ERGONOMIC INJURY	3.1 PERSONAL INJURY WHEN LIFTING/MOVEMENT ON SITE	2	LIKELY	2	MAJOR	2	HIGH
	3.2 STARTING PORTABLE GENERATOR	3	UNLIKELY	3	MINOR	4	LOW	-
4.0	4.1 HEARING DAMAGE DUE TO LONG TERM USE	3	UNLIKELY	3	MAJOR	3	MEDIUM	- ALWAYS WEAR HEARING PROTECTION WHILST OPERATING AND/OR IN CLOSE VICINITY OF THE MACHINE

NOTES:

- > THIS PRODUCT HAS BEEN DESIGNED AND MANUFACTURED AS A GENERATOR ONLY
- > THIS DOCUMENT HAS BEEN PREPARED ACCORDING TO GUIDELINES AND RECOMMENDATIONS FOUND IN:
 1. 'HAZPAK' PRODUCED BY THE WORK COVER AUTHORITY AND
 2. THE AUSTRALIAN STANDARDS 4024.1.4/5 - :1996
 - 'SAFEGUARDING OF MACHINERY' - PART 1. GENERAL PRINCIPLES AUSTRALIAN STANDARD, AS/NZS 3760 IN SERVICE SAFETY INSPECTION AND TESTING OF ELECTRICAL EQUIPMENT.

<p>"LIKELIHOOD LEVEL" REFERS TO THE PROBABILITY OF AN EVENT HAPPENING. THE FOLLOWING SCALE HAS BEEN USED TO DESCRIBE THE LIKELIHOOD OF A DEFINED RISK / HAZARD EVENT OCCURRING DURING NORMAL OPERATION OF THE EQUIPMENT. NOTE THAT LIKELIHOOD EVALUATION IS QUALITATIVE AND BASED ON BEST ESTIMATION VIA CONSULTATION AND EXPERIENCE:</p> <ol style="list-style-type: none"> 1. VERY LIKELY 2. LIKELY 3. UNLIKELY 4. VERY UNLIKELY 	<p>"CONSEQUENCE" REFERS TO THE SEVERITY OF INJURY CAUSED DUE TO AN EVENT OCCURRING, USING THE FOLLOWING SCALE AS DEFINED BY THE "HAZPAK" DOCUMENT:</p> <ol style="list-style-type: none"> 1. FATALITY = INJURIES RESULT IN DEATH 2. MAJOR = NORMALLY IRREVERSIBLE INJURIES 3. MINOR = REVERSIBLE INJURIES REQUIRING SEVERAL DAYS OFF 4. NEGIGIBLE = ABLE TO BE TREATED USING FIRST AID 	<p>"RISK LEVEL" REFERS TO THE SEVERITY OF A RISK BASED ON THE "LIKELIHOOD LEVEL" AND "INJURY LEVEL". INHERENTLY, AS THE CONSEQUENCE INCREASES IN SEVERITY, RISK INCREASES - EVEN WHEN LIKELIHOOD IS LOW. THE FOLLOWING SCALE HAS BEEN USED:</p> <ol style="list-style-type: none"> 1. HIGH = POTENTIAL DEATH, PERMANENT DISABILITY, OR MAJOR STRUCTURAL DAMAGE. 2. MEDIUM = POTENTIAL TEMPORARY, DISABILITY, OR MINOR STRUCTURAL DAMAGE. 3. LOW = POTENTIAL INCIDENT THAT HAS THE POTENTIAL TO CAUSE PERSONS TO REQUIRE FIRST AID.
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