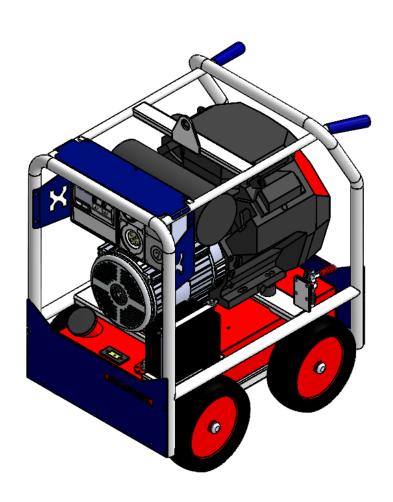


Makinex 16kVA Generator

GEN-16P

- 2x15A + 1x20A 3P Outlet
- 2x15A + 1x32A 3P Outlet



OPERATOR'S MANUAL

Rev 0919

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INTRODUCTION

Thank you for purchasing a MAKINEX product.

This manual provides information and procedures to safely operate and maintain the **GEN-16P** Generator. For your own safety and protection from injury, carefully read, understand, and observe the safety instructions described in this manual.

Keep this manual or a copy of it with the machine. If you lose this manual or need an additional copy, please contact MAKINEX. This machine is designed and built with user safety in mind; however, it can present hazards if improperly operated and serviced. If there are any questions regarding operating or servicing of this machine, please contact MAKINEX.

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Any type of reproduction or distribution not authorised by MAKINEX represents an infringement of valid copyrights and will be prosecuted. We expressly reserve the right to make technical modifications, even without due notice, which aim at improving our machines or their safety standards.

DISCLAIMER

MAKINEX and its affiliates take no responsibility for any damage, injury or death resulting from the incorrect or unsafe use of this product. Use of this product should be undertaken by competent persons only. It is the operator's responsibility to ensure that the following safety procedures are followed. If you are unsure, do not operate this product.

Record the model and serial numbers as well as date and place of purchase for future reference. Have this information available when ordering parts and when making technical or warranty inquiries.

MAKINEX SUPPORT
Refer to contact details on pg. 19
MODEL NO.
GEN-16P
SERIAL NO.
DATE OF PURCHASE
PURCHASE LOCATION

ABOUT THIS MANUAL

This manual uses the following symbols to help differentiate between different kinds of information. The safety symbol is used with a key word to alert you to potential hazards in operating and owning power equipment. Follow all safety messages to avoid or reduce the risk of serious injury or death.

KEY TERMS



READ CAREFULLY – refers to *important information* that should be paid careful attention.



CAUTION - indicates a potential hazardous situation which, if not avoided, *may* result in minor or moderate injury



WARNING – indicates a potentially hazardous situation which, if not avoided, *could* result in death or serious injury



DANGER – indicates an imminently hazardous situation which, if not avoided, *will* result in death or serious injury



PROHIBITED – identifies actions that **should never** be carried out by anyone interacting with the machine.

These safety warnings do not eliminate all possible hazards that could occur therefore it is essential to use common sense and to strictly follow any instructions to prevent accidents.

SAFETY INFORMATION

GENERAL SAFETY INFORMATION



Read this manual **thoroughly** before operating your generator. Failure to follow instructions could result in serious injury or death.



MAKINEX GEN-16P Generator designed for professional operators only, instruct operators in care and use of the machine before use!



Keep children away from the generator at all time.

- ALWAYS use in a well-ventilated area.
- ALWAYS have someone alert attending the machine.
- ALWAYS wear hearing protective equipment whilst in operation.
- ALWAYS ensure the applied load does not exceed the generators rating.
- ALWAYS disconnect the generator when carrying out any maintenance.
- ALWAYS ensure the generator reaches operating speed before connecting a load.
- ALWAYS start the engine BEFORE connecting any appliances to the output receptacles.
- ALWAYS test the RCBO's before use.
- ALWAYS check the generator for damage before use.
- ALWAYS keep well clear of all moving parts on the generator.
- NEVER allow children or animals near the generator.
- NEVER connect to a commercial or mains power supply, or any other electrical source.
- NEVER allow the generator to run out of fuel when a load is connected.
- NEVER use accessories or attachments not recommended by MAKINEX.
- NEVER alter or tamper with the internal wiring of the generator.
- NEVER operate in wet conditions.
- NEVER climb or stand on the generator as dents may cause overheating of the acoustic lining.

RISK OF HOT SURFACES



- Contact with hot surfaces, such as engine's exhaust components, could result in serious burns.
- During operation, touch only the control surfaces of generator.
- **NEVER** touch any part of the engine, alternator, or exhaust when the generator is in use or immediately after use, as these get hot and could burn.

RISK TO BREATHING



- Running engine gives off Carbon Monoxide, an odourless, colourless, poisonous gas.
- Breathing Carbon Monoxide can cause nausea, fainting or death.
- Some chemicals or detergents may be harmful if inhaled or ingested, causing severe nausea, fainting, or poisoning.



EXHAUST FUMES CAN BE FATAL



- ALWAYS ensure that there is adequate ventilation when using the generator.
- ALWAYS position the generator so that the exhaust is pointing away from people or animals.
- NEVER use the generator indoors or in an enclosed area.

GENERATOR POSITIONING FOR SAFE USE

- ALWAYS leave at least a 1 metre (3 foot) gap between the generator and any surrounding building or structure.
- ALWAYS ensure the generator is on a solid, flat surface.
- ALWAYS ensure the surrounding area is free from any material that could burn or be damaged by heat.
- **NEVER** move or tilt the generator whilst it is switched on.
- **NEVER** cover or enclose the generator whilst it is in use.
- **NEVER** use the generator at an incline above 20° otherwise the engine will malfunction whilst in operation.
- NEVER attempt to lift or move the generator without the assistance of other persons or suitable lifting equipment.

ELECTRICITY RELATED SAFETY PRECAUTIONS



RISK OF ELECTRICAL SHOCK



- Risk of electrocution
- ALWAYS test the RCBOs before use.
- ALWAYS store the generator undercover when not in use and away from damp or wet conditions.
- ALWAYS disengage the battery when performing any maintenance.
- **NEVER** try to repair electrical components if not authorised or qualified.
- NEVER use the generator outdoor when it is raining or snowing or in wet or damp conditions.
- NEVER use water or any other liquids to clean the unit while it is running.
- **NEVER** use any damaged electrical cord sets with the generator.

FIRE -RELATED SAFETY PRECAUTIONS

RISK OF EXPLOSION OR FIRE



- Fuel and its vapours are extremely flammable and explosive
- FIRE HAZARD
- Fire or explosion can cause severe burns or death
- ALWAYS switch the engine OFF when refuelling.
- ALWAYS refuel away from any source of heat.
- ALWAYS refuel in a well-ventilated area.
- ALWAYS keep a fire extinguisher in the vicinity at all time
- **NEVER** overfill fill the tank, fill to the level specified to allow for fuel expansion.
- **NEVER** smoke or use a naked flame near the generator.
- NEVER start the engine if there is a fuel spill. Any spillage must be wiped clean and the generator allowed to dry before attempting to start the engine.
- **NEVER** leave any combustible materials near the generator.

EARTHING OF GENERATOR

Earthing of generators helps protect the user from electric shock or electrocution which may be caused due to malfunction or breakdown. This threat to the user is prevented by creating a path of least resistance for the electrical current to travel to the ground which inherently absorbs the over-current or short circuit.

The appropriate measures for earthing the portable generator are already in place however, the user should always inspect the earthing system before use.



DO NOT TOUCH ANY COMPONENTS IF YOU ARE NOT A QUALIFIED ELECTRICIAN.



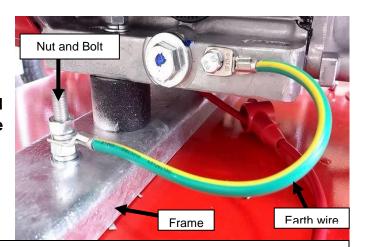


FAILURE TO PROPERLY CONNECT THE EQUIPMENT TO THE EARTHING CONDUCTOR WILL RESULT IN A RISK OF ELECTROCUTION. CONSULT WITH A QUALIFIED ELECTRICIAN INCASE OF DOUBT WITH THE EARTHING OF THE UNIT.

Referring to the example image, there are a few components that should be observed.

- Frame
- Green/yellow earth wire
- Nut and screw

Ensure both wires are secured with the nuts and screw onto the frame.

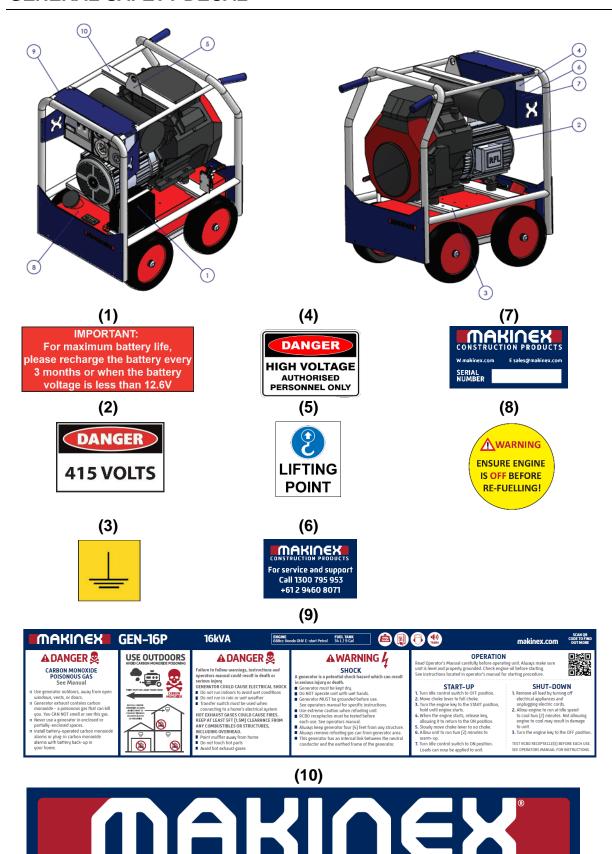




ANY OTHER GROUNDING INSTALLATION MUST BE CARRIED OUT BY A LICENSED ELECTRICIAN AND ALL LOCAL CODES MUST BE FOLLOWED.

We strongly recommend that all applicable federal, state, and local regulations relating to grounding/earthing specifications be checked and followed.

GENERAL SAFETY DECAL

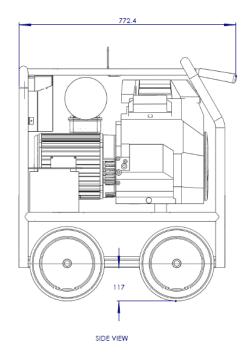


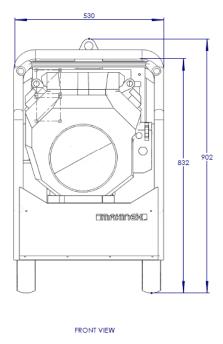
PRODUCT SPECIFICATIONS

GENERATOR:		
MAX OUTPUT	16kVA (12.8kW)
RATED FREQUENCY	50	Hz
RATED POWER FACTOR	0	.8
OUTLET SOCKETS	2 X 15A SINGLE PHASE +	2 X 15A SINGLE PHASE +
(all with RCBO PROTECTON)	1 X 20 3PHASE SOCKETS	1 X 32A 3PHASE SOCKETS
DRY WEIGHT	156	SKG
DIMENSIONS)x 902mm x HEIGHT APPROX
	NO LOA	D – 72dB
NOISE LEVEL (7m)		.D – 76dB
	100% LOA	AD – 78dB
ENGINE:		
TYPE	TWIN CYLINDER AII	R COOLED PETROL
MODEL		GX690
STARTING SYSTEM	ELECTRIC	KEY START
DISPLACEMENT		BCC
FUEL ECONOMY		50% LOAD
FUEL TANK	34	4L

FEATURES

FEATURES
Durable Galvanised frame
Multi cushion isolators for vibration reduction
Compact design for easy storage and transport
Lifting point for transportation
RFL permanent magnet alternator





Dimensions in mm

ALTERNATOR SPECIFICATIONS

RFL ₩ ALTERNATOR	RS	Alternator	
Frame	132	Type RF2 - 17.5	
Enclosure	IP23	PM Brush	less Alternator
Poles	2	Phase	3
RPM	3000	Volts	415
Frequency	50 Hz	Amps	20
Power	14.0 kW	Motor Start kVA	19.0
Weight (kg)	51	Short Cir Amps	60
Ref Temp	27 °C	Serial No.	RF2-132-150-180-3P-1
(€ &	λ	EC. 1282. OE	140328. RFLQ093

INSTRUCTION FOR USE



Read and adhere to all safety and operation instructions.

BEFORE USE

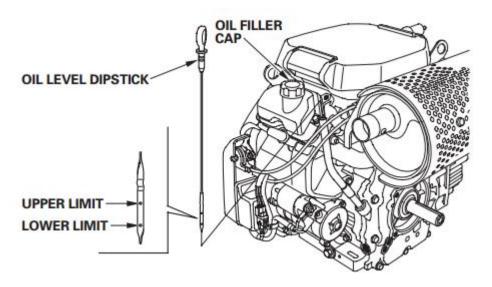
Before using the generator, ensure all the safety and operation instructions are read and the following steps are performed.

OIL LEVEL CHECK



Check the engine oil level with the engine stopped and in a levelled position

- 1. Check the engine oil level with the engine stopped and, in a levelled position.
- 2. Start the engine and let it idle for 1 or 2 minutes. Stop the engine and wait for 2 or 3 minutes.
- 3. Remove the oil level dipstick and wipe it clean.
- 4. Fully insert the oil level dipstick, then remove it to check the oil level.
- 5. If the oil level is low, remove the oil filler cap, and fill with the recommended oil to the upper limit mark on the oil level dipstick.
- 6. Reinstall the oil level dipstick and oil filler cap



NOTE: New machines will be pre-oiled from MAKINEX with: Honda Power Equipment Engine Oil – SAE 10W-30, API SJ

REFUELING



FAILURE TO USE FUEL AS RECOMMENDED IN THIS MANUAL WILL VOID WARRANTY

- **DO NOT** use unapproved gasoline such as ethanol-based fuel.
- DO NOT mix oil with gasoline.
- DO NOT modify engine to run on alternate fuels.



Fuel and fuel vapour are extremely flammable and explosive. Fire or explosion from misuse of fuel can cause severe burns and even death.





Always ensure that fuel tanks are filled outdoors.

- 1. Turn generator **OFF** and let it cool for at least two minutes before removing fuel cap.
- 2. Loosen fuel cap slowly to release pressure.
- 3. Slowly add unleaded gasoline to fuel tank. **DO NOT** fill fuel above baffle to allow for appropriate space fuel expansion.
- 4. Wait for spilled fuel to evaporate before starting the engine.



Keep fuel away from sparks, open flames, pilot lights, heat and other ignition sources.





DO NOT light a cigarette or smoke near open fuel tank or container.

OPERATING GENERATOR



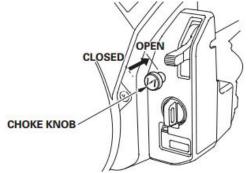
Read and adhere to all safety and operation instructions.



Always have the brake down while it is stationary.

STARTING THE GENERATOR

- 1. Remove all connections from the AC sockets.
- 2. If the fuel tank is equipped with a valve, be sure the fuel valve is in the OPEN or ON position before attempting to start the engine.
- 3. To start a cold engine, pull the choke knob out to the CLOSED position. To restart a warm engine, leave the choke knob in the OPEN position.
- 4. Turn the engine switch to the START position and hold it there until the engine starts.
- 5. When the engine starts, release the engine switch, allowing it to return to the ON position.
- 6. Once the engine has warmed up, set the choke lever to the OPEN position.



CONNECTING ELECTRICAL DEVICES

The generator can supply 230V AC through 2 x 15amp sockets or 230V AC through 2 x 15amp sockets and 415V AC through the 20/32A socket.

- 1. Connect the appliance to the generator starting with the device that draws the most current.
- 2. Set the circuit breaker to 'ON'.

SHUTTING DOWN THE GENERATOR

- 1. Disconnect all appliances connected to the generator.
- 2. Turn the ignition key to the OFF position.
- 3. Set the fuel supply valve to OFF if the fuel tank equipped with.

NOTE: To stop the generator in an emergency simply turn the ignition key to the off position.

MAINTENANCE

GENERAL RECOMMENDATIONS:

Regular maintenance will improve the performance and extend the life of the generator.

The generator's warranty does not cover items that have been subjected to operator abuse or negligence. To receive full value from the warranty, the operator must maintain the generator as instructed in this manual and in the **Honda GX690** user manual, including proper storage and regular servicing.



Regular maintenance is required to ensure performance of generator and to ensure warranty is not voided.

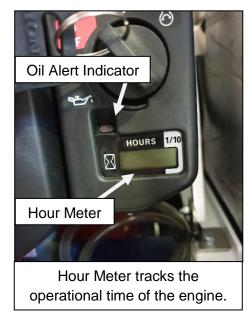
The maintenance schedule is in the Honda GX690 owner's manual.

Should you have questions about replacing components on your generator, please contact dealer for assistance. MAKINEX dealers have access to all the special tools, technical information, parts and training required to maintain your MAKINEX product in peak operating condition.

GENERAL GENERATOR CHECKS

It is considered good practise to check the generator before and after use, looking at:

- Function of brake
- Condition of electrical components (especially RCBOs)
- Earthing bolts are tight
- Condition of engine mounts
- Fuel lines conditions
- Oil and fuel levels
- Battery is well secured, and terminals are fastened tightly
- Hour meter
- Any possible leaks



GENERAL TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSES	CORRECTIONS
	Out of fuel.	Add fresh fuel.
	Wrong fuel.	Drain fuel tank and then add fresh fuel.
ENGINE WILL NOT	Low engine oil.	Fill up with oil.
START	Choke is OPEN if the engine is cold.	Close the choke.
	Low battery.	Charge the battery.
	Engine requires servicing.	Contact authorised Makinex dealer
	Stale fuel.	Drain fuel tank and then add fresh fuel.
	Dirty air filter.	Replace or clean air filter.
ENGINE LACKS	Generator is overloaded.	Reduce the load.
POWER	Fault in alternator.	Contact authorised Makinex dealer
	Engine throttle is in "SLOW" position.	Slide the throttle to "FAST" position.
	Engine requires servicing.	Contact authorised Makinex dealer
ENGINE IS	Circuit breaker tripped	Unplug all appliance from sockets and reset the circuit breaker.
RUNNING BUT NO AC OUTPUT	Faulty appliance.	Connect with another appliance that is in good condition.
	Fault in generator	Contact authorised Makinex dealer
UNIDENTIFIED	Contact authorised	Makinex dealer for assistance.

For other engine problems or further instructions, refer to the provided Honda GX690 user manual.

STORAGE WITH FUEL IN TANK

Gasoline fuel can become stale when stored over **30 days**. Stale fuel causes acid and gum deposits to form in the fuel system or crucial carburettor parts. To keep fuel fresh:

- 1. Add a fuel stabiliser liquid additive to fuel.
- 2. Run engine for a minimum of 2 minutes to allow it to circulate throughout the engine



Fuel and fuel vapour are extremely flammable and explosive. Fire or explosion from misuse of fuel can cause severe burns and even death.



RUST PREVENTION IN CYLINDERS

- 1. Remove spark plugs and pour approx. 15ml (1/2oz) of clean engine oil into the cylinder.
- 2. Install spark plug and briefly turn the key starter for 1-2 seconds to distribute oil. **DO NOT** start engine at this time.



Unintentional sparking can cause fire or electrical shock. Failure to observe this warning can cause severe property damage, severe burns and even death.

Disconnect spark plug wire from spark plug and cover tip of spark plug wire with insulating tape and place wire where it cannot come in contact with spark plug or generator frame.



Certain storage covers can be flammable or can melt in high temperatures. DO NOT place storage cover over generator until it has completely cooled.

BATTERY STORAGE PRECAUTIONS

After use of the generator, follow these precautions to ensure the battery does not drain whilst in storage or not in use.

- 1. Check the key ignition is in the OFF position.
- 2. Check the battery isolator is in the OFF position by turning anti-clockwise to release.

LIMITED WARRANTY

To take advantage of the MAKINEX limited warranty, you must have maintenance performed according to the maintenance schedule (contained in **Honda GX690** owner's manual supplied with this product), by an authorised MAKINEX dealer or MAKINEX service technician. You are free to have your MAKINEX product serviced by any suitably qualified mechanic or electrician (depending on the mechanical or electrical requirement) and this will not affect your statutory warranties, however, failure by the owner to have the recommended servicing carried out by an authorised MAKINEX dealer/service technician means that you cannot take advantage of the MAKINEX limited warranty.

MAKINEX warrants each new generator to be free from defects in material and workmanship under normal domestic and industrial use and service for the period specified below, conditional to the limitations and exclusions printed on this page. This warranty applies only to new MAKINEX generator distributed by us and by our authorised MAKINEX dealers.

Under the limited warranty and at MAKINEX's discretion, upon evaluation, inspection and testing by a MAKINEX dealer or a MAKINEX service technician, MAKINEX will repair and replace of defective part(s).

AUSTRALIA: Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

WARRANTY: (Ex-factory/ Reseller premise)

MAKINEX warrants to the original purchaser:

- Frame and all Electrical components will be free of defects in material and workmanship for a period of one year from the original date of purchase.
- Honda GX Engine is subject to 3 years warranty.
 - Please see www.hondapowerequipment.com for details.
- 3 years warranty on RFL alternators

WARRANTY EXCLUSIONS

This warranty does not cover the following repairs and equipment:

NORMAL WEAR

Generator needs periodic service and genuine parts to perform well. This warranty does not cover repair when normal use has exhausted the life of a consumable part for example the oil filter and fuel filter.

INSTALLATION, USE, AND MAINTENANCE

This warranty will not apply to parts and/or labour if this generator is deemed to have been misused, neglected, involved in an accident, abused, loaded beyond the generator's limits, modified and installed improperly. Normal maintenance such as spark plugs, air filters, adjustments, fuel system cleaning and obstruction due to build-up is not covered by this warranty.

OTHER EXCLUSIONS

This warranty excludes:

- Maintenance services cost.
- Expedited freight costs.
- Cosmetic damage such as paint, decals, etc.
- Problems caused by accidents, improper storage, handling and shipping.
- Accessory parts such as starting batteries, fuses, spark plugs, and storage covers.
- Failures due to acts of God and other force majeure events beyond the manufacturer's control.
- Problems caused by parts that are not from the original manufacturer.

OWNER'S RESPONSIBILITY UNDER LIMITED WARRANTY:

Strict adherence to the maintenance checks and with **proof of scheduled maintenance history** is required by an authorised agent or qualified mechanic. It is the consumer's responsibility to deliver the machine in question to our service premises or to the premises of our appointed agent at the consumer's expense for replacement or repair as applicable. Maintenance services are not covered under warranty.

Claim Procedure:

- Contact MAKINEX by phone or email informing us of your machines problem or defect.
- Once the extent of the claim has been assessed, we retain the right to compensate the consumer for such defect, or repair (parts & labour), or replace the machine under warranty.
- All warranties will be carried out by MAKINEX authorised staff or appointed agents at a premise to be determined by the Manufacturer.
- It is the responsibility (and cost) of MAKINEX or our appointed agent to return the
 machine to be repaired or replaced under warranty to the consumer- this is valid for
 domestic territories only (e.g. Australian units will be delivered within Australian
 territories and European units will be delivered within its designated country's
 territories).
- Where the specific warranty component (e.g. Engine) is under a Manufacturer's warranty other than MAKINEX (e.g. Honda, Hatz or Kohler etc.), the consumer can either contact MAKINEX or the applicable manufacturer for repairs where such warranty was registered with that manufacturer at purchase.
 - Warranty calls will only be carried out by our representatives and not via client's choice
 of repairer. We will not accept back charges for any work not carried out by our
 representatives or accept any charges due to equipment being un-operational for any
 reason even during its warranty period.

CONTACT INFORMATION

For sales, service, warranty and parts for all MAKINEX products; please refer below.

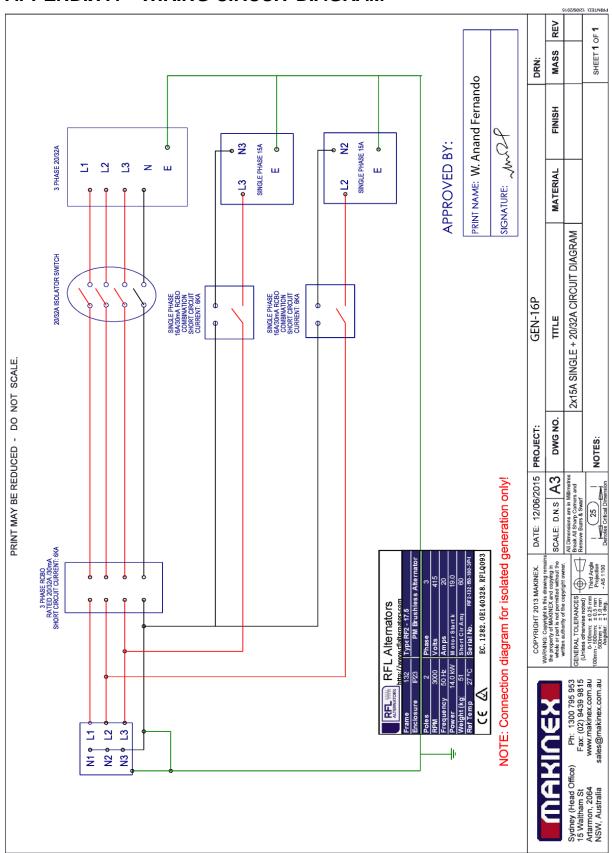
	SALES, SERVICE, SPARE PARTS & WARRANTY
	<u>SALES</u>
AUSTRALIA	TEL 1300 795 953 or +61 2 9460 8071 WEB www.makinex.com.au
AUSTRALIA	SERVICE, SPARE PARTS & WARRANTY
	EMAIL service@makinex.com.au
	<u>SALES</u>
	TEL +1 855-625-4639 WEB <u>www.makinex.com</u>
USA	SERVICE, SPARE PARTS & WARRANTY
	EMAIL service@makinex.com
UK	WEB www.makinex.co.uk
EUROPE	TEL +31 (0)6 24881203 or +31 (0)6 50841849
LUNUFE	EMAIL info@mtools.eu
CHINA	TEL +86 18951118278 EMAIL sales@makinex.com.cn

Or your nearest MAKINEX distributor

We have very knowledgeable, experienced staff to assist you with help and advice.



APPENDIX A - WIRING CIRCUIT DIAGRAM



APPENDIX B - RISK ASSESSMENT

				PRC	DUCT RISK / HA	ZARD AS	PRODUCT RISK / HAZARD ASSESSMENT TABLE		
	PRODUCT NAME: GEN-16P MANUFACTURER: MAKINEX	PRODUCT NAME: GEN-16P Generator MANUFACTURER: MAKINEX		Assessme	Assessment Carried Out By: Thomas Barna Document Revision Number: 001	homas Barna 01			_
o	ERATOR COMPETER	OPERATOR COMPETENCY: PLANT LICENCE NOT REQUIRED			Date Created: 05/012/2015	5/012/2015			_
									i
N		TYPE / NATURE OF RISK or HAZARD	ПКЕПНООБ	CONSEQUENCE	RISK LEVEL		CONTI	CONTROL ACTION	
1.0	BURNS/FIRE	PERSONAL INURY – BURNS WHILST DOING MAINTENANCE ON MACHINE	UKELY	4 NEGLIGIBLE	4 Low		BE CAUTIOUS OF HOT PARTS (SUCH AS MUFFLERS), ALLOW TO COOL BEFORE MAINTENANCE/ADJUSTMENTS	OOL BEFORE MAINTENANCE/ADJUSTMENTS	
		1.2 FIRE/EXPLOSION WHILST REFUELING ENGINE 3	UNLIKELY	2 MAJOR	3 MEDIUM		SHUT OFF MACHINE AND ALLOW TO COOL BEFORE REFUELING. NEVER REFUEL WHILE MOTOR IS RUNNING. DO NOT SMOKE AND ENSURE REFUELING IS UNDERTAKEN IN WELL VENTILATED AREA (OUTSIDE, CLEAR OF IGNITION SOURCES)	NEVER REFUEL WHILE MOTOR IS RUNNING. ELL VENTILATED AREA (OUTSIDE, CLEAR OF IGNITION SOURCES)	
2.0	ELECTROCUTION	2.1 LOW RISK OF POSSIBLE MINOR BURNS FROM MAINS 3 ELECTRICAL CONNECTIONS ON GENERATOR	UNLIKELY	1 FATALITY	2 нідн		ENSURE THAT NO PART OF BODY IS IN CONTACT WITH TERMINALS WHEN STARTING / USING GENERATOR	LS WHEN STARTING / USING GENERATOR	
3.0	ERGONOMIC	3.1 PERSONAL INJURY WHEN LIFTING/OR MOVEMENT ON 2 SITE	UKELY	2 MAJOR	2 нідн		STAFF TRAINING ON CORRECT LIFTING PROCEDURE		1
		3.2 STARTING PORTABLE GENERATOR	UNLIKELY	3 MINOR	4 LOW		MANUAL HANDLING TRAINING		
4.0	NOISE	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	/OR IN CLOSE VICINITY OF THE MACHINE	
	NOTES: 1 H45 PRODUCT HA GENERATOR ONLY THS DOCUMENT GUIDELINES AND L. HAZPAK PRK Z. THE AUSTIN "SAFEGUARDIN FRINCIPLES AU SAFETY INSPECT	HIS PRODUCT HAS BEEN DESIGNED AND MANUFACTURED AS A GENERATOR ONLY HAS DOCUMENT HAS BEEN PREPARED ACCORDING TO GUIDELINES AND RECOMMENDATIONS FOUND IN: 1. HAZPAW PRODUCED BY THE WORK-COVER AUTHORITY AND THE WORK-COVER AUTHORITY AND STREGUARDING OF MACHINERY. PART 1: GENERAL PRINCIPLES AUSTRALIAN STANDARDS ASJAL 4/5 - 1996 "SAFECUARDING OF MACHINERY." PART 1: GENERAL PRINCIPLES AUSTRALIAN STANDARD, ASJANZ 3760 IN SERVICE SAFEY INSPECTION AND TESTING OF ELECTRICAL EQUIPMENT.	"LIKELIHOOD L EVENT HAPPER USED TO DESCE HAZARD EVENT OF THE EQUIPM S QUALITATION CONSULTATION 2. LIKELY 3. UNILKEL 4. VERY U.	"LUKELIHOOD 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 OCCURING DUBING NORMAL OPERATION IS QUALITATIVE AND BASED ON BEST ESTIMATION VIA CONSULTATION AND EXPERIENCE: 1. LYERY LIKELY 2. LIKELY 3. UNLIKELY 4. VERY UNLIKELY 4. VERY UNLIKELY	THE PROBABILITY OF WING SCALE HAS BEEN WING SCALE HAS BEEN OD OF A DEFINED RISK TO RORMAL OPERATIVE IN CLIKELIHOOD EVALUAR BEST ESTIMATION VIA IE:	NA / / / NO	"CONSEQUENCE" REFERS TO THE SEVERITY OF INJURY CAUSED DUE TO ANE EVENT OCCURRING, USING THE FOLLOWING SCALE AS DEFINED BY THE "HAZPAK" DOCUMENT: 1. FATALITY = INJURIES RESULT IN DEATH 2. MANOR = NORMALLY RIRECERSIBLE INJURIES 3. MINOR = REVERSIBLE INJURIES REQUIRING SEVERAL DAYS OFF 4. NEGLIGIBLE = ABLE TO BE TREATED USING FRIST AID	"RISK LEVEL" REFERS TO THE SEVERITY OF A RISK BASED ON THE "LIKELIHOOD LEVEL" AND "INJURY LEVEL" IMHERENTLY, AS THE CONSEQUENCE INCREASES IN SEVERITY, RISK INCREASES - EVEN WHEN LIKELIHOOD IS LOW - THE FOLLOWING SCALE HAS BEEN USED: 1. HIGH = POTENTIAL DEATH, PERMANENT DISABILITY, OR MAJOR STRUCTURAL DAMAGE. 2. MEDIUM = POTENTIAL TEMPORARY, DISABILITY, OR MINOR STRUCTURAL DAMAGE. 3. LOW = POTENTIAL TEMPORARY, DISABILITY, OR MINOR PRESONS TO REQUIRE FIRST AND.	

