

Secretator - PR Power Cummins   Model: PR66C-SAE   Chassis/VIN: PL1027825   Engine Number: 93473345	Lipro		Z	LS	ြ	FR	두	F	듄	LB	Yoc	HRW	MC	공	五	MR	FR	C	Class	License (			Asses	ģ	Stor	Plant Item:				Comp
Review Date: 05/10/2026  Review Date: 05/10/2026  PR66C-SAE Chassis/VIN: PL10278/25 Engine Number: 93473345  ssment Purpose: Owner: PR Power  Description: Operations Manager Description  In location: Description Description  Description: Description  Description: Description  Description: Description  Description Description  Description Description  Description Description Description  In location: Description Description  Description Description  Description Description Description  Description Description Description  Description Description Description  Description Description Description  Description Description Description  Description Description Description  Description Description Description  Description Description Description Description  Description Description Description Description  Description Description Description Description  Description Description Description Description  Description Descriptio	1	Highest Protection ▲	Dozer	Skid steer loader	Grader	Road roller	Scraper	Front-end loader	Excavator	Front-end loader backhoe	Verification of Competency	High Risk Work	Multi-Combination	Heavy Combination	Heavy Rigid	Medium Rigid	Light Rigid	Car licence	Туре	Class applicable to this vehicle, p		Project Name:	Assessment Conducted by: <u>Micha</u>		3 ,				Address: 41 Production A	Company Name: PR Power Pty Ltd
Review Date: 05/10/2026  Chassis/VIN: PL10278/25 Engine Number: 93473345  Chassis/VIN: PL10278/25 Engine Number: 93473345  See: Owner: PR Power  Description  Location:	s												Covers multi-combination vehicles like road train	Covers heavy combination vehicles like a prime licence is also permitted to drive vehicles in clas	Covers a rigid vehicle with 3 or more axles and a articulated buses. A holder of an HR licence is a	Covers a rigid vehicle with 2 axles and a GVM or permitted to drive vehicles in class LR and lower	Covers a rigid vehicle with a GVM of more than with a GVM up to 8 tonnes which carry more than	Covers vehicles up to 4.5 tonnes gross vehicle n to drive cars, utilities, vans, some light trucks, ca		plant or other equipment.				Vascasilletti Linibo		Model:			41 Production Ave, Molendinar QLD 4214	id .
PL10278/25 Engine Number: 93473345  Owner: PR Power  Date: 06/10/2025 Signature: Michael Commended weight a vehicle can be when loaded. The licence allows the holder funglements such as graders, vehicles that seat up 10: 12 adults, including the older for a LR licence is also permitted to drive vehicles in class Commend lower.  SMR and lower.  SMR and lower.  This class also includes we have trailer must not weigh more than 9 tonnes GVM. A holder of a MR licence is also permitted to drive vehicles in class Commend lower.  This class also includes than 9 tonnes GVM. This class also includes we holder of an MC licence is also permitted to drive vehicles in class HC and lower.  This class also includes than 9 tonnes. A holder of an HC and MC licence is also permitted to drive vehicles in class HC and lower.	_												ns and B-double vehicles. A holder of	mover towing a semi-traller, or rigid v ss HR and lower.	a GVM of more than 8 tonnes. Any too also permitted to drive vehicles in class	r more than 8 tonnes. Any towed trails	4.5 tonnes up to 8 tonnes. Any towed an 12 adults including the driver. A hol	mass (GVM). GVM is the maximum re ar-based motor tricycles, tractors and	Descri			Location:	1	ı	'		ī	ı	PRA NO.: 09	Registration:
ine Number: 93473345    10/2025   Signature:   Michael	]												an MC licence is also permitted to dri	ehicles towing a trailer with a GVM of	wed trailer must not weigh more than s MR and lower.	er must not weigh more than 9 tonnes	trailer must not weigh more than 9 to der of a LR licence is also permitted	commended weight a vehicle can be implements such as graders, vehicles	ption				1	-	DO DOWNER		26	5	***************************************	1
													ve vehicles in class HC and lower.	f more than 9 tonnes. A holder of an HC	9 tonnes GVM. This class also include:	GVM. A holder of a MR licence is also	nnes GVM. This class also includes ve to drive vehicles in class C	when loaded. The licence allows the hother that seat up to 12 adults, including the				1	_ Signature: _		- 1			Carlot Sand		THE COLUMN TWO IS NOT
Vess Vess 6. PPE	_	ľ									·				s		hicles	driver			Ŷ.		chael Rapkin							PHrown



GENERATOR-110KVA PR POWER

List other documentation relevant to this plant reviewed during this assessment i.e. SWMS, Manufacturer's Operators Manual etc.	plant reviewed during thi anual etc.	s assessment	Operators Manual   ☐ Inspec     SVMS   ☐ SOP's   ☐ Other:	☐ Inspection Handbook   ☐ Pre-Start Checklist   ☐ Other;	re-Start Checklist
Maintenance and repair assessment					
Maintenance / repair being assessed:		Yes, records available			
Number of people working on (or likely to be working on) plant	be working on) plant:	Depending on type of work - minimum 1	– minímum 1		
Type of activity		Scheduled frequency		Inspection by	Location of maintenance
Scheduled.	Generator inspections done daily	done daily		Operator	⊠ On site   ☐ Off site
As per manufacturers Handbook – inspections to be carried out:	Generator – refer man	Generator – refer manufacturers recommendations and specifications	and specifications	Competent & Authorised Person	⊠ On site   ⊠ Off site
	***************************************				☐ On site   ☐ Off site
					☐ On site   ☐ Off site
	: :				☐ On site [ ☐ Off site
□ Unscheduled     □	When and if it breaks down	lown		-	⊠ On site   ⊠ Off site
Competency requirements for maintenance: (e.g. electrical, welding, etc.)	nce: (e.g. electrical, weldi	ng, etc.)	Only trained, qualified,	Only trained, qualified, competent and authorised persons may repair Generator	ons may repair Generator
Mechanical Technician	:		Mechanical Technician		
Electrical Technician			Electrical Engineer		
Management of the Control of the Con					

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Catastrophic environmental impact; loss of facilities; very high \$ loss     Long-term illness or serious injury; serious but reversible environmental impact; major property damage; loss of production; high \$ loss      Medical treatment requiring up to several days off work; reversible environmental impact; significant property damage; med – high \$ loss	Catastrophic Major	Catastrophic	Entality or normanant disability toxic release of chemicals long term or insula	CONSEQUENCES  What is the likely outcome of an exposure to the risk?		STEP 1: Consider how likely a risk is encountered, and what might happen.	The risk associated with a hazard is related to the severity of a single incident, and the frequency and duration of	Stress Unrealistic workload and expectations Security Violation of internal policies & procedures	Vibration Hand, whole body Logal Minor compliance breach	Electrical Electric shock, burns Community Isolated complaint	Sound Hearing damage Environment Nil or Low impact	Radiation Ultraviolet, arc flashes, microwaves, lasers Financial >\$1,000	Extremes of Temperature Effects of heat or cold Efroperty, Damage <\$4,999	Hazardous substances Skin contact, inhalation Operational Loss = 1 hr production	Mechanical energy Caught between, struck by, struck against Human Resources First Aid injury	Kinetic energy Projectiles, penetrating objects Level Level	Gravity Falling objects, falls of people	Energy Types Specific examples	
Almost certain Likely  E(25)	Almost certain E(25) E(23)	Almost certain E((25)	certain		LIKELIHOO	STEP 3: Identify and develop effective control measures. (Consult the hierarchy of risk control measures when carrying out this step).	STEP 2: Use the risk level calculator to determine the likely risk level (outcome) to persons who may be exposed to the hazards.	Minor criminal offence Low intensity civil unrest	Low level compliance Regulation breach	Sporadic complaints Serious Rate of complaints	Low impact Moderate impact	>\$10,000 >\$100,000	\$5,000 - \$49,000 \$50,000 - \$499,999	Loss = 6 hrs production Loss = 12 hrs production	Medical Treatment Single LTI	Minor Moderate	CONSEQUENCE	RISK MATRIX	
THE PROPERTY OF THE PROPERTY O		E(08)	E(22)	Possible Un	LIKELIHOOD OF EVENT OCCURRING	control measures. (Consu	determine the likely risk k	Significant criminal offence	Major breach of regulation	Increasing rate of complaints	Major impact	>\$1,000,000	\$500,000 - \$999,999	Loss = 3 ~ 7 days production	Multiple LTI	Major			
M (9) M (6)		出(4年) M (10)	E(()9)) HI(()5)	Unlikely Rare	NG	It the hierarchy of risk control	evel (outcome) to persons	Major criminal offence	Serious regulation/legal breach	High level of interest from community	Severe impact	>\$10,000,000	>\$1,000,000	Greater than 1 week loss production	Fatality	Catastrophic			

		LIKELIHOOD OF EVENT OCCURRING	DETERMI	DETERMINATION OF RISK CONTROL ACTIONS
	Ti-	How likely is it that an exposure will occur?	RISK LEVEL (OUTCOME)	ACTION REQUIRED
Α	Almost certain	Event is expected to occur in most circumstances	(from matrix)	(refer to the hierarchy of risk controls)
ѿ	Likely	Event will probably occur in most circumstances	(EXTREME)	URGENT - Immediate action required to control risk.
ဂ	Possible	Event might occur at some time	(HIGH)	Highest management decision required urgently.
D	Unlikely	Event could occur at some time	(MEDIUM)	Follow management instructions regarding risk.
ш	Rare	Event may occur only in exceptional circumstances	(LOW)	These risks may not require immediate attention - monitor



#### GENERATOR-110KVA PR POWER

Section 1	Section 2			Section 4 Risk Score	on 4 core	CONTROL MEASURES	RES	Andis	RESIDUAL RISK	
Hazard Category and Examples	Where and when might this hazard exist?	RISK associated with the Hazard	Re	er to the Matrix	Refer to the Risk Matrix L C R	Consider number of people required to carry out a task training, skills and competencies required, licences, permits, etc., environmental controls, plant, tools and equipment, safety requipment and PPE, etc.	75 E Z	er to the Matrix	Refer to the Risk Matrix  C R	Control
Competency: ⊠ Yes 🗔	]∛No —⊙perator must prove venf	cation of competer	Cy, c	lualific	cations (d	Competency: 🗵 Yes 🔟 No.—Operator must prove verification of competency, qualifications (certification //license etc.) prior to operating this item of plant	F			
	During routine maintenance During normal operation	Injuries including fracture; Crush Trauma injuries and other multiple injuries;	C	N	E 28	<ul> <li>Only persons who have completed training and have been assessed as competent in the operation of the plant are to operate. If there is not a competent person available for operation of this item of plant, then only persons who are supervised by a competent person can operate this item of plant</li> <li>This machine is not to be operated by persons under the influence of drugs and/or alcohol.</li> </ul>	,	Ps.5		Admin
	During transport forklift/crane	Dropped machine Crush injury	C	>	€22	<ul> <li>Forklift operator must have forklift licence.</li> <li>Crane operator must have correct HRWL for crane type being used to lift generator.</li> <li>Dogman/rigger to be licenced.</li> </ul>	m	->	H15	Admin
⊠ Access and Egress	During normal operation	Collisions between vehicles, pedestrians and objects; Crush Trauma injuries and other musculoskeletal injuries; Impact injuries	C	13	m 18	<ul> <li>Position generator in an area away from other site pedestrian and vehicle/plant traffic.</li> <li>Where possible provide physical barriers between generator and site pedestrian and vehicle/plant traffic.</li> <li>Access road ways and pedestrian walkways clearly delineated and signposted</li> <li>Generator must be used in accordance with manufacturers operating instructions.</li> <li>Seek approval from relevant authority before positioning generator for work on or near roads.</li> </ul>	m	10	25 0	Admin
Other (please specify)										

Hierarchy of Controls	Highest Pro
<ol> <li>Elimination</li> </ol>	otection 🛧
<ol><li>Substitu</li></ol>	
ution 3.	
Isolation	
<ol><li>Engineering</li></ol>	

Administration

6. PPE



Other (please specify)	☐ Isolation of energy source	⊠ Hair, clothing or jewellery	Legs, feet, or lower body	Arms, hands, fingers, or upper body	Entanglement or being dray plant, or materials in motion?	Hazard Callegory and Examples	Section 1
	During setup and operation During repair and maintenance				<i>vn Into the plant.</i> ⊠ Yes	Section 2  Where and when might this hazard exist?	Section 2
		Scalping Degloving		Injuries including fracture Crush Trauma injuries and other multiple injuries;	No - Can anyone's hair clothing, gloves, necktie ijewe	RISK associated with the Hazard	
		ဂ		ဂ	's hair	Refe R	s
		2		N	clothi	Risk Score Refer to the Risk Matrix L C R	Section 4
		E18		E18	ng glo	Risk	4
	<ul> <li>Complete daily prestart checklist prior to commencing work</li> <li>Ensure equipment is operated by trained, qualified, competent and authorised personnel</li> <li>Operate plant in accordance with the manufacturers operating and maintenance manual</li> <li>Correct PPE to be worn – refer operating manual</li> <li>Keep access doors closed and locked when operating generator.</li> <li>Do not wear loose items of clothing and jewellery and contain long hair when performing maintenance on generator.</li> <li>Only trained, qualified, competent and authorised personnel to complete repair works</li> <li>Ensure generator switched off, battery isolated and fully deergrised prior to opening access doors.</li> <li>Ensure guarding is in place over drive belt and fan prior to performing any test starts during maintenance.</li> <li>Review Lock Out I Tag Out procedure prior to performing advanced maintenance on generator</li> </ul>	Operator / Procedural Controls:	Lockable access doors     Guarding on drive belt and fan	Plant Controls – Generator: Safety decals as per manufacturer's specifications Lockable battery isolator switch Starter isolator  Emergency stop button	oves, necktie, jewellery, rags and other materials become entangled with moving parts of	CONTROL MEASURES  Consider number of people required to carry out a task, training, skills and competencies required, licences, permits, etc., environmental controls, plant, tools and equipment, safety equipment and PPE, etc.	CONTROL MEASURES
		1.4.1		m	itängle	Refe	D T S
		<i>1</i> /2		h)	bi With	Refer to the Risk Matrix L C R	<u> </u>
		Olm		O	ı moving	e Risk	ב <u>ו</u> אַ א
		Admin		Admin PPE	) parts of	Control	

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lierarchy of Controls	Highest Pr
<ol> <li>Elimination</li> </ol>	rotection 🔺
<ol><li>Substitution</li></ol>	:
3. Isolation	
4. Engineering	
<ol><li>Administration</li></ol>	
6.	
PPE	Lowest



Section 1	Section 2		Zω	Section 4 Risk Score	ı 4 ore	CONTROL MEASURES	RES	RESIDUAL RISK	RISK
Hazard Category and Examples	Where and when might this hazard exist?	RISK associated with the Hazard	Refer to the Ris Matrix L C R	Refer to the Risk Matrix L C R	e Risk (	Consider number of people required to carry out a task, training skills and competencies required, licences, permits, etc., environmental controls, plant, tools and equipment, safety equipment and PPE, etc.	Ref.	Refer to the Risk	Risk Control
<i>Crushing:</i> ⊠ Yes ☑ N	Crushing: 🔯 Yes. 🗐 No - Can anyone be crushed due to falling uncontrolled or unexpected movement of plant	o falling, uncontroll	ed or t	inexp	ected n	ovement of plant or its load, lack of capacity to slow, stop or immobilise the plant	nimin	obilise	the plant,
tipping of rolling over pa	tipping of rolling over, parts of plant collapsing, contact with moving parts during testing, inspection, maintenance	h moving parts dur	ing tes	sting:	nspect		pped	betwe	en plant a
materials or fixed structures?	res?								
Exposed edges						Plant Controls - Generator:		_	
(falling)						<ul> <li>Lifting lugs, forklift lifting pockets, tie down points</li> </ul>			
Tools being dropped						Safety decals as per manufacturer's specifications			
☐ Material falling or						Opporator / Brocodinal Controle:			
being ejected from						Ensure equipment is operated by trained, qualified, competent			
☐ Plant Overturning	,					<ul> <li>and authorised personnel</li> <li>Generator must be maintained in accordance with</li> </ul>			
	During transport					manufacturers recommendations and checked before each use.			
						<ul> <li>Operate generator in accordance with the manufacturers user manual</li> </ul>			
		Damage to equipment Damage to other	C	N	m 2000	<ul> <li>Only lift generator using lifting lugs or lifting pockets.</li> <li>Lifting equipment must be rated to the weight of the generator, checked before use and have current inspection tags.</li> </ul>	<b>1</b> 17	N	M10 Eng Admin
		-				<ul> <li>When fransporting generator, never exceed maximum load weight of crane/forklift/fransport vehicle.</li> </ul>			
						Workers to wear safety boots and safety helmet.			
Pinch points	During setup and pack up During repair and maintenance	Minor crush injury	ဂ	ယ	H13	<ul> <li>Be aware of pinch points when closing access doors.</li> </ul>	O	فدع	M9 Admin

Hierarchy of Controls 1. Elimination 2. Substitution 3. Isola	Highest Protection •	
Mation 4. Engineering 5. Administration 6. PPE	Lowest	





☐ Other (please specify)	☑ Body or body parts caught between moving components	☐ Isolation of energy sources	☐ Movement of plant or components		breaking (disintegrating)	parts or work pieces	☐ Contact with flying	Cutting / Stabbing / Punc ejected work pieces disinte	Hazard Category and Examples	Section 1
	During setup and operation During repair and maintenance							Cutting / Stabbing / Puncturing: X Yes No Can anyone be ejected work pieces disintegrated or other factors not mentioned?	Where and when might this hazard exist?	Section 2
	Injuries including fracture Crush Trauma injuries and other multiple injuries;							nyone be cut, stab ntioned?	RISK associated with the Hazard	
	C 2 E18							ped or punctured b	Refer to the Risk Matrix  C R	Section 4 Risk Score
	<ul> <li>Complete daily prestart checklist prior to commencing work</li> <li>Ensure equipment is operated by trained, qualified, competent and authorised personnel</li> <li>Operate plant in accordance with the manufacturers operating and maintenance manual</li> <li>Correct PPE to be worn – refer operating manual</li> <li>Keep access doors closed and locked when operating generator.</li> <li>Only trained, qualified, competent and authorised personnel to complete repair works</li> <li>Ensure generator switched off, battery isolated and fully denergised prior to opening access doors.</li> <li>Ensure guarding is in place over drive belt and fan prior to performing any test starts during maintenance.</li> <li>Review Lock Out / Tag Out procedure prior to performing advanced maintenance on generator</li> </ul>	Operator / Procedural Controls:	Lockable access doors     Guarding on drive belt and fan	Emergency stop button	Lockable battery isolator switch     Starter isolator	Safety decals as per manufacturer's specifications	Plant Controls - Generator:	Cutting / Stabbing / Puncturing.   \( \) Yes \( \) No-"Gan anyone be cut stabbed or punctured by coming in contact with moving plant or parts, sharp of flying objects work pieces disintegrated or other factors not mentioned?	Consider number of people required to carry out a task, training, skills and competencies required, licences, permits, etc., environmental controls, plant tools and equipment, safety etc., environmental controls, plant tools and equipment, safety.	CONTROL MEASURES
	m N							g objects, i	Refer to the Risk Matrix L C R	RESIDUAL RISK
	0 FW							work piece	er to the Risk Matrix C R	AL RISK
	Admin PPE							o a	Control	

Hierarchy of Controls 1. E	Highest Protection
Elimination	<b>A</b>
<ol><li>Substitution</li></ol>	
<ol><li>Isolation</li></ol>	
4. Engineering	
5. Administration	
6. PPE	——▶ Lowest



		Bergerane				٠.,		
Section 1	Hazard Category and Examples	<i>Shearing:</i> □ Yes ⊠ No	Body or body parts	caught between moving components	☐ Isolation of energy	Body or body parts	shear when passing structure	Other (please specify)
Section 2	Where and when might this hazard exist?	Shearing:   Yes: No - Can anyone's body parts be out off between two parts of the plant and a work piece on the plant and a work piece of the plant and a work piece of the plant and a work piece of the plant and a wo			:			
	RISK associated with the Hazard	ut off between two						
Section 4 Risk Score	Refer to the Risk Matrix  L C R	parts of the plant a						
CONTROL MEASURES	Consider number of people required to carry out a task, training, skills and competencies required, licences, permits.  etc. environmental controls plant, tools and equipment, safety  etc. environmental controls plant, tools and equipment, safety  L C R	and a work piece of structure?						
RESIDUAL RISK	Refer to the Risk  Matrix  L C R							
	Control							

Г					WREIFFERING	
	Other (please specify)	☐ Upper and lower limits		문		
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	편	per	0	6		(A
-	율	<u> 23</u>	Roll over hazards		Hazard Category and Examples	Section 1
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				3	Where and when might this hazard exist?	
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				Y	and when might hazard exist?	Section 2
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ı			_	ğ		
ĺ			1	trolling over ∕/through limits: ☐ Yes ☒ No - Can this item of plant roll on tip over due to operating over specified		
-			1	<del>ত</del>	<u>≩</u> i	
				즁	ヹ゙゙゙゙゙゙゙゙゙゙゙゙゙゙゙゙゙゙゙゙゙゙゙゙゙゙゙゙゙゙゙゙゙゙゙゙゙゙	
				3	RISK associated with the Hazard	
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				<u>o</u>	Refer to the Ri	_
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				- E	Refer to the Risk Matrix L G R	
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			•	용	Consider numbe training, skills and etc., environmental etc.	
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				working limits?	Consider number of people required to carry out a task, raining skills and competencies required, licences, permits conviormental controls plant, tools and equipment, safe equipment and PPE, etc.	CONTROL MEASURES
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					per of people required to carry out a task.  It competencies required, licences, permits, and admix  I controls, plant, tools and equipment, safety  Equipment and PPE, etc.	AL RISK
					the Risk	AL RISK
					the Risk trix Cont	AL RISK
					the Risk Inix Control	AL RISK





Other (please specify)	☐ Isolation of energy sources	☐ Normal movement of plant	Work materials protruding into travel path of Plant.	Parts or work pieces breaking (disintegrating)	(warning sirens required)	unexpected movement of components or material	piant	☐ Uncontrolled or unexpected movement of a control or con	<i>Striking:</i> ⊠ Yes ⊡ No	Hazard Category and Examples	Section 1
				-	During transport and operation  During repair and maintenance				Striking:   Xes □ No - Can anyone be struck by moving objects due to plant or surfaces of the plant or materia  Major impact   Plant Controls - Ge	Where and when might this hazard exist?	Section 2
					-		Other musculoskeletal injuries;	trauma; Injuries including fracture;	ng objects due to p Major impact	RISK associated with the Hazard	
								C 2 E18	lant or surfaces of	Refer to the Risk  Matrix  C R	Section 4 Risk Score
		Ensure the generator is positioned on a solid, level surface.     Workers to wear safety boots and safety helmet	Change capulation in the period to the weight of the seriod and, checked before use and have current inspection tags.      When transporting generator, never exceed maximum load weight of grandfortrifffrancout vehicle.	<ul> <li>manual</li> <li>Only lift generator using lifting lugs, or lifting pockets.</li> <li>Lifting applicant must be rated to the weight of the generator.</li> </ul>	Operate generator in accordance with the manufacturers user	Generator must be maintained in accordance with manufacturers recommendations and checked before each	Operator / Procedural Controls:     Ensure equipment is operated by trained, qualified, competent and authorised personnel	<ul> <li>Lifting point, forklift lifting pockets, tie down points</li> <li>Safety decals as per manufacturer's specifications</li> </ul>	the plant or material handled by plant operation?  Plant Controls - Generator:	Consider number of people required to carry out a task, training, skills and competencies required, licences, permits, etc., environmental controls, plant, tools and equipment safety equipment and PPE, etc.	CONTROL MEASURES
								m N		Refer to the Matr	RESIDI
								Z 10		Refer to the Risk Matrix L © R	RESIDUAL RISK
								Admin		Control	

Hierarchy of Controls	Highest Pro
1. Elimination	otection 🛧
2. Substitution	
3. Isolation	
Engineer	
<ol><li>Administration</li></ol>	
6.	↓
PPE	Lowest



Other (please specify)	⊠ Fire risk (flammables) / Emergency Equipment	☐ Ignition of flammable material by the plant	☐ Ignition of flammable atmosphere initiated by material	atmosphere initiated by the plant	☐ Ignition of flammable		Hazard Category and Examples	Section 1
	During operation During routine maintenance During refuelling					T No Contract to the contract of the contract	Where and when might this hazard exist?	Section 2
	Burns to operator Fumes from fuel Damage to equipment				iny amerypiosiomo	l by an overlooke	RISK associated with the Hazard	
	D				- Good		Refe	R s
	ν				- 200		Refer to the Risk Matrix CR	Section 4 Risk Score
	H14					2	Risk R	e t
	Neep engine area clean and tree from oil and spills.  Use correct fuel  Correct PPE to be worn – Refer to applicable SDS or perform a risk assessment.  Ensure fuel tank cap is secured when refuelling is complete.  Do not overfill fuel tank.  Do not refuel near open flames or ignition sources.  Refuel in well ventilated area.  Switch generator off and allow to cool before refuelling.  Use spouts or funnels to avoid spillages.  Clean up fuel spill immediately.  Do not smoke or use mobile phones when refuelling.  Only trained, qualified, competent and authorised personnel to complete repair works  Emergency training of Operators including spill management.  A B (E) extinguisher fitted to plant. Instructions, including Emergency Site Procedures given at induction time.  Workers trained in the use of fire extinguisher	<ul> <li>Ensure generator is operated by trained, qualified, competent and authorised personnel</li> </ul>	Operator / Procedural Controls:  Complete daily prestart checklist prior to commencing work	<ul> <li>Safety decals as per manufacturer's specifications</li> <li>Spillage free base frames</li> </ul>	Plant Controls - Generator:	e direte or other substances tringered by plant operation?	Consider number of people required to carry out a task, training, skills and competencies required, licences, permits etc., environmental controls, plant, tools and equipment, safety equipment and PPE, etc.	CONTROL MEASURES
	and a second						Refe	RES
	c,s				_		Refer to the Risk Matrix L C R	RESIDUAL RISK
	\$3 \$0						R Risk	RISK
	Admin						Control	

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lierarchy of Controls	Highest Pro
1. Elimination	tection 🛧
2. Substitution	
3. Isolation	
4. Engineering	
5. Administration	
on 6. PPE	→ Lowest

				Larver			-						7:		_
Other (please specify)	Striking due to severed high pressure hoses / couplings	Contact with fluids under pressure due to misuse	Contact with fluids under pressure due to failure	High Pressure Fluid:	Hazard Category and Examples	Section 1		Other (please specify)	Lack of guardrails or fall protection	☐ Inadequate work platforms (size, location, fall protection)	☐ Housekeeping hazards produced by the plant	☑ Uneven or slippery work or access surfaces	Slips / Trips / Falls; 🖂	Hazard Category and Examples	Section 1
		Ţ-		l Yes ⊠ No - Can anyone come	Where and when might this hazard exist?	Section 2				During repair and maintenance Pre-start inspections	During normal operation		Yes 🗔 No Can anyone using t	Where and when might this hazard exist?	Section 2
				into contact with fi	RISK associated with the Hazard						Bruises and lacerations	Injuries including fracture Other musculoskeletal injuries;	he plant or in the v	RISK associated with the Hazard	
				luids ur	Refer	Ric S					C	C	icinity c	Refer	<i>₽.</i> c
				ider hig	Refer to the Risk Matrix L C R	Section 4 Risk Score					3 =====================================	ω <u>π</u>	of the pl	Refer to the Risk Matrix L C R	Risk Score
				h pres						••	H13	H13	ant, sli		
				High Pressure Fluid: ☐ Yes ⊠ No - Can anyone come into contact with fluids under high pressure, due to failure or misuse of the plant?	Consider number of people required to carry out a task, training, skills and competencies required, licences, permits, etc., environmental controls, plant tools and equipment, safety equipment and PPE, etc.	CONTROL MEASURES			Ensure generator is switched off when not in use. Only trained, qualified, competent and authorised personnel to complete repair works Clean up any fuel or coolant spills immediately. Ensure non-slip safety footwear is worn.		Exclude generator Generator to be po	Plant Controls – Generator: Safety decals as per manufacturer's specifications Spillage free base frames Operator / Procedural Controls:	Xes 🗐 No - Can anyone using the plant or in the vicinity of the plant, slip, trip or fall due to the working environment or other factors?	Consider number of people required to carry out a task, training, skills and competencies required licences, permits, etc., environmental controls, plant tools, and equipment, safety equipment, and PPE, etc.	CONTROL MEASURES
					Refe	RESI					Entropy of	٥	rs?	Refe	RESI
					Refer to the Risk Matrix L C R	RESIDUAL RISK					ÇO	6.3		Refer to the Risk Matrix L C R	RESIDUAL RISK
					Risk	RISK					974 1974	9W		Risk	RISK
					Control						Isol Admin PPE	Isol Admin PPE		Control	

Hierarchy of Controls

Highest Protection

Elimination

5

Substitution

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Isolation

Engineering

Administration

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Lowest



Other (please specify)	Location of plant in the workplace		☐ Biological	∀ibration	⊠ Noise levels	☐ Cramped or restricted work spaces (particularly for maintenance	<ul><li>Seating design or seating location</li></ul>	☐ Placement and identification of controls	⊠ Glare from natural light	Inadequate lighting levels	Working environment plant design causing me	Hazard Category and Examples	Section 1
						During routine maintenance	During normal operation;				and ergonomics: ⊠ Yes ntal or physical stress, lac	Where and when might this hazard exist?	Section 2
		Dehydration; Melanoma via exposed skin damage		Personal irritation and property damage	Hearing damage				UV rays damage to eyes including cataracts, macular degeneration, pinguecula which may cause vision loss		. [☑ No - Can anyone be i k of consideration for hum	RISK associated with the Hazard	
		a		Ü	Ü				C		njured an ber	Refe	Z (s
		<i>ω</i>		223	(i)				ω		due ti laviou	Refer to the Risk Matrix L C R	Section 4 Risk Score
		S		S.	SM				H13		seatir	Risk	ore
		generator	rated  - Wear hearing protection if work is within 7 metres of operating	Operator to wear clothing and safety classes which are UV     Onerators to wear clothing and safety classes which are UV	• whear Dv protected sariety suriglasses     • Drink water regularly to maintain hydration     • Operator to take regular beaches as required.	Apply sunscreen regularly to exposed skin	Comect PPE to be worn — kerer to operating manual, applicable     SVMS or perform a risk assessment     SVMS or perform a risk assessment     SVMS or perform a risk assessment	Workers to maintain a / metre distance from the generator during operation	Operator / Procedural Controls:  • Keep all access doors closed during operation	Plant Controls – Generator: Insulated to minimise noise levels. Anti Vibration nads	Working environment and ergonomics. 🗵 ves 📃 No – Can anyone be injured due to seating design repetitive body movement or posture, excessive effort, poor workplace of plant design causing mental or physical stress, lack of consideration for human behaviour, poor lighting or others factors not mentioned?	Consider number of people required to carry out a task training: skills and competencies required, licences, permits etc.; environmental controls; plant, tools and equipment, safety equipment and PPE; etc.	CONTROL MEASURES
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		4.		4	4.			-	Ç.ò		)00FW	Refer to the Risk Matrix  C R	RESIDUAL RISK
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		PPE Iso		Eng	lso PPE				PPE		)e or	Control	

Highest Protection 
Hierarchy of Controls 
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Elimination

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Substitution

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Isolation

Engineering

Administration

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PPE Lowest



Other (please specify)	⊠ Hot parts	⊠ Electrical	Overhead / buried services	⊠ Fumes / dusts	☐ Toxic Gases or vapours	☑ Chemicals	Other Hazards: ⊠ Yes	Hazard Category and Examples	Section 1
			During Operation During repair and maintenance				Other Hazards: X Yes X No - Can anyone be injured or suffer ill health from exposure to	Where and when might this hazard exist?	Section 2
	Burns	Electric Shock		Exhaust fumes Asphyxiation		Hazardous exposure	or suffer ill health fi	RISK associated with the Hazard	
	С	C		ם		C	om ex	Refer to I	Ζ. ω
	ယ	ν .		2		ယ	posure	Refer to the Risk Matrix L C R	Section 4 Risk Score
	H13	E1 8		H14		H13	Ġ.	Risk R	re
•	<ul> <li>Safety decals warning of hot parts.</li> <li>Keep access doors closed while machine is operating and until cooled when shutdown.</li> <li>Do not touch exhaust outlet during or immediately after operation.</li> <li>Allow all parts of machine to cool before touching machine.</li> <li>Workers trained not to touch machine until cool.</li> </ul>	<ul> <li>Safety decal warning of electrical hazard.</li> <li>Battery isolator switch - lockable</li> <li>Generator is RCD protected.</li> <li>Only trained and authorised persons to operate generator</li> <li>Ensure all electrical equipment has current test &amp; tag</li> <li>Ensure electrical equipment used in wet conditions is rated to outdoor work and weatherproof.</li> <li>Do not allow power leads or equipment to lay/sit in water.</li> </ul>	<ul> <li>Use and store chemicals in accordance with SDS</li> <li>Clean up spills immediately</li> <li>Wear PPE as recommended in the SDS for the chemical being used.</li> </ul>	ensure SDS is available for fuel and coolant	Generator must be positioned in area with adequate ventilation.  Do not use generator in confined or restricted areas without	<ul> <li>Generators have spillage free base frames</li> <li>Only trained and authorised persons to maintain generator</li> </ul>		Consider number of people required to carry out a task, training, skills and competencies required, licences, permits, etc., environmental controls, plant, tools and equipment, safety equipment and PPE, etc.	CONTROL MEASURES
	( ) ( )			m		A Section 1		Refe	RES
	£#			7 <b>.</b> .)		Z,48		Refer to the Risk Matrix L. C. R	RESIDUAL RISK
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	Eng Admin			Admin		Admin PPE		Control	

Hierarchy of Controls	Highes
1. Elimination	t Protection
<ol><li>Substitution</li></ol>	
<ol><li>Isolation</li></ol>	
<ol><li>Engineering</li></ol>	
<ol><li>Administration</li></ol>	
6.	
PPE	Lowest



Section 1	Section 2		Z (0	Section 4 Risk Score	n 4 ore	CONTROL MEASURES	RES	NOUK	RESIDUAL RISK	
Hazard Category and Examples	Where and when might this hazard exist?	RISK associated with the Hazard	_ Refe	er to the Matrix	Refer to the Risk Matrix L C R	Consider number of people required to camy out a task, training, skills and competencies required, licences, permits, etc., environmental controls, plant, tools and equipment, safety, equipment and PPE, etc.	E Ref	Refer to the Ris	Refer to the Risk Matrix L C R	Control
Condition and suitability of plant	y of plant:									
		Not undergoing pre-start checks;	وهمار چوندا	\$se	200	Blant Controls:	Ū	4	Ls	Admin
Service and maintenance history		Not following service schedule per Manufacturer' instructions	O	2.4	<b>3</b>	<ul> <li>Ensure generator is maintained in accordance with manufacturer's specifications.</li> </ul>	Ū	45	5	Admin
☐ Not fit for purpose	During appropriation					<ul> <li>Operator / Procedural Controls:</li> <li>Complete daily prestart checklist prior to commencing work</li> <li>Ensure equipment is operated by trained, qualified, competent</li> </ul>				
☐ Inability to apply isolation/lock out devices	During routine maintenance					<ul> <li>and authorised personnel</li> <li>Correct PPE to be worn Refer to operating manual,</li> <li>applicable SWMS or perform a risk assessment</li> </ul>				
Accessories in unsafe condition						<ul> <li>Only trained, qualified, competent and authorised personnel to complete repair works</li> </ul>				
☐ Modification from original design						A operation recording to working on plant, the plant shat cown     & start-up must be monitored by mechanic, machine must be     isolated prior to working on machine.				13
Safe working load identified										
Other (please specify)										

Hierarchy of Controls	Highest Pro
1. Elimination	ntection
<ol><li>Substitution</li></ol>	
<ol><li>Isolation</li></ol>	
4. Engineering	
5. Administration	
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PPE	Lowest

Other (please specify)	Storage or restoration to service requirements	⊠ Secure against unauthorised use/access	⊠ Start up and shut down procedures	System Use of Permit to Work	Communication methods with plant operation	Communication systems associated with plant operation	⊠ Emergency procedures relating to the plant	System of work relating to the plant	Examples	Hazard Category and	Section 1
				During routine maintenance	During normal operation:			to the plant:	hazard exist?	Where and when might this	Section 2
		Personal injury Property damage	Failure to follow Manufacturer's recommendation for pre-start and shut down processes				Lack of emergency training			RISK associated with the Hazard	
		ဂ	D				ס			Refe	R. S
		2	N		,		2		С	Refer to the Risk Matrix	Section 4 Risk Score
		E18	H14				H14		R	Risk	е <b>4</b>
		<ul> <li>Activate site emergency procedures in the event of an emergency</li> </ul>	Closure access doors are repulsived when generation is operating and/or unattended.     Correct PPE to be worn — Refer to operating manual, applicable SV/MS or perform a risk assessment     Ensure all operators are inducted into site emergency procedures.	User manual.  Character of the form of the form the manual of the form of the	Complete daily prestart checklist prior to commencing work     Ensure generator is operated by trained, qualified, competent and authorised personnel.	<ul> <li>Safety decals as per manufacturer's specifications</li> <li>Locking access doors</li> </ul>			etc., environmental controls, plant, tools and equipment, safety equipment and PPE, etc.	Consider number of people required to carry out a task, training, skills and competencies required, licences, permits,	CONTROL MEASURES
		TT.	interior and the second				U			Reft	RES
		2	to.				S)		O	Refer to the Risk Matrix	RESIDUAL RISK
		- 1	Name of the last o				6 ing		ᄁ	^ e R	ᇩ
		OFW					433			sk	×

6.	<ol><li>Administration</li></ol>	<ol><li>4. Engineering</li></ol>	<ol><li>Isolation</li></ol>	<ol><li>Substitution</li></ol>	.∸ m	Hierarchy of Controls
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GENERATOR-110KVA PR POWER

Section 1	Section 2		Sec Rish	Section 4 Risk Score	CONTROL MEASURES	RESID	RESIDUAL RISK	XSK	
Hazard Category and	Where and when might this	RISK associated with the Hazard	Refert	Refer to the Risk	er of people required to carry out a task competencies required licences; permits controls, blant tools and equipment safety	Refer	Refer to the Risk Matrix	22.01.00	Control
Examples	hazard exist?		L O	c R	etc., environmental controls plant tools and equipment safety equipment and PPE_etc.	) H	C R		
Environmental issues cause failure	ause failure:								
		Damage to equipment and property	<u></u>	THO O	Plant Controls:	ס	4	2	Admin
☐ Wind fowls cables and snags or breaks cable									
☐ Water impairs operation					Operator / Procedural Controls:  - • Switch off when the generator is not in use during inclement				
	During normal operation				weather.  Seek shelter from inclement weather				
				<u> </u>	<ul> <li>Complete daily prestart checklist prior to recommencing work when inclement weather subsides.</li> </ul>				
Wind speed exceeds recommended limit					<ul> <li>Check for any water or dampness, and dry thoroughly before use.</li> </ul>				
					<ul> <li>Ensure generator is operated by trained, qualified, competent and authorised personnel.</li> </ul>				
					<ul> <li>Transporting generator, drive to the conditions. Avoid pot holes and debris on the road.</li> </ul>		-		
☐ Other (please specify)									

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Lowest



GENERATOR-110KVA PR POWER

						Name	I have reviewed the Plant Ris	Reviewed by:	Completed by:
						Position description	sk Assessment and have had the		
						Signature	I have reviewed the Plant Risk Assessment and have had the opportunity to comment and make changes as I thought necessary.		
						Date	าanges as I thought n	Conta	Conta
						Plant Model No.	ecessary.	Contact details:	Contact details:
				·		Plant Serial No.			

Hierarchy of Controls

Highest Protection 4

1. Elimination

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Substitution

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Isolation

Engineering

Administration

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Lowest



GENERATOR-110KVA PR POWER

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Additional controls:
For each additional control, identify appropriate corrective actions, including priority, timeframes and responsibilities, communicate the requirements to the person responsible and the information into the Corrective Action Register.

Hierarchy of Controls	Highest Pr
1. Elimination	otection •
2. Substitution	, chart and a second
3. Isolation	- Andrews - Andr
4. Engineering	
5. Administration	
о. РРЕ	Lowest



Isolation 4. Engineering 5. Administration 6. PPE	Hierarchy of Controls 1. Elimination 2. Substitution 3. Isol
<b>▶</b> Lowest	Highest Protection
Managing the work environment and facilities  Work health and safety consultation, cooperation and coordination CoP	Managing the Work Environment and Facilities CoP Work Health and Safety Consultation, Cooperation and Coordination CoP
Managing risks of plant in the workplace CoP  Managing risks of plant in the workplace CoP	Managing Risks of Plant at Workplaces CoP  Managing the Risks of Plant at Workplaces CoP
How to manage work health beating lists CoP	Managing Electrical Risks in the Workplace CoP  Managing Noise and Preventing Hospital Cop of Work Cop
First aid in the workplace CoP	Hazardous Manual Tasks CoP  How to Manage Work Health and Safety Risks CoP
Construction work CoP	First Aid in the Workplace CoP
Work Health and Safety Act 2020 Work Health and Safety (General) Regulations	Work Health and Safety Act 2012 Work Health and Safety Regulations 2012
Legislation / Codes of Practice - WA	Legislation / Codes of Practice - SA
Managing Risks of Hazardous Chemicals in the Workplace CoP Managing Risks of Plant in the Workplace CoP Managing the Work Environment and Facilities CoP Work Health and Safety Consultation, Cooperation and Coordination CoP	Compliance code: Workplace amenities and work environment
How to Manage vvork Health and Safety Risks CoP  Managing Electrical Risks in the Workplace CoP  Managing Noise and Dreventing Health I ose at Work CoP	Compliance code: Noise  Compliance code: Plant
First Aid in the Workplace CoP Hazardous Manual Tasks CoP	
Construction Work CoP	Compliance code: Communicating occupational health and safety across languages
Work Health and Safety Act 2011 Work Health and Safety Regulations 2011	Occupational Health and Safety Act 2004 Occupational Health and Safety Regulations 2017
Legislation / Codes of Practice - ACT	Legislation / Compliance Codes - VIC:
Work Health and Safety Consultation, Cooperation and Coordination CoP Work near overhead power lines Pre-WHS CoP	Work Health and Safety Consultation, Cooperation and Coordination CoP
Managing the Work Environment and Facilities CoP  Moving plant on construction sites Pre-WHS CoP	Managing the work environment and facilities CoP  Traffic Management for construction or maintenance work CoP
Managing Risks of Plant in the Workplace CoP	Managing risks of plant in the Workplace CoP
Managing Noise and Preventing Hearing Loss at Work CoP  Managing risks of hazardous chemicals in the workplace CoP	Managing electrical risks in the workplace CoP
Managing Electrical Risks CoP	Managing Noise and Preventing Hearing Loss at Work CoP
How to Manage Work Health and Safety Risks CoP	How to Manage Work Health and Safety Risks CoP
	Hist Aid In the Workplace CoP
Construction Work CoP	Electrical Safety CoP – Working near overhead and underground electric lines
Work Health and Safety Act 2011 Work Health and Safety Regulations 2017	Work Health and Safety Act 2011 Work Health and Safety Regulations 2011
Legislation / Codes of Practice - NSW	Legislation / Codes of Practice - QLD



Legislation / Codes of Practice - NT	Legislation / Codes of Practice - TAS
Work Health and Safety (NUL) Act 2011 Work Health and Safety (NUL) Regulations 2011	Work Health and Safety Act 2012 Work Health and Safety Regulations 2022
Construction Work CoP	Construction Work CoP First Aid in the Workplace CoP
Hazardous Manual Tasks CoP	Hazardous Manual Tasks CoP
How to Manage Work Health and Safety Risks CoP  Managing Electrical Risks in the Workplace CoP	How to Manage Work Health and Safety Risks CoP  Managing Electrical Risks in the Workplace CoP
Managing Noise and Preventing Hearing Loss at Work CoP	Managing Noise and Preventing Hearing Loss at Work CoP
Managing Risks of Hazardous Chemicals in the Workplace CoP	Managing Risks of Hazardous Chemicals in the Workplace CoP  Managing the Risks of Plant at Workplaces CoP
Managing the Work Environment and Facilities CoP	Managing the Work Environment and Facilities CoP
Work Health and Safety Consultation, Cooperation and Coordination CoP	Work Health and Safety Consultation, Cooperation and Coordination CoP

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Hierarchy of Controls	Highest Pr
1. Elimination	otection 🛕
<ol><li>Substitution</li></ol>	
3. Isolation	
4. Engineering	- Heating the state of the stat
5. Administration	And in the second secon
6. PPE	► Lowest