

Plant Risk Assessment

Plant Type: Light Vehicle Make/Model: Isuzu Cab Chassis Unit No(s): GNB302 Plant ID No.: BN61TJ Owner: GNB Energy

Hazard		Control Measures				
Description	Applies to this Plant		If hazard applies, state the existing control measures	Raw Risk Level (existing controls)	Further Controls Required	Residual Risk Level (with further controls applied)
	Yes	No				

1. Entanglement Hazards						
During set-up, operation, dismantling, maintenance or cleaning:						
Can anyone's hair, clothing, gloves, necktie, jewellery, cleaning brushes, rags or other materials become entangled with moving parts of the plant or materials in motion?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>Ensure that a Daily Pre-Start is completed, and that all components are working correctly, and to specifications.</p> <p>The plant is tagged "Out of Service" if any faults are located, and not used until repaired/replaced by suitably qualified personnel.</p> <p>Only fully trained, competent and qualified personnel are to operate, and/or work on the plant.</p> <p>Wear approved work clothing.</p> <p>Use all PPE as required, for the particular task at hand.</p> <p>Ensure that long hair, loose clothing, jewellery etc are restrained appropriately.</p> <p>Clear, legible and appropriate signage indicating any potential hazard, is to be displayed in prominent positions.</p> <p>Ensure that the plant is isolated, and/or de-energised, prior to commencement of any maintenance work, as per manufacturer's specifications.</p> <p>Ensure that any rotating parts are fully shielded, and that the shielding is in good condition and functional, as per specifications.</p> <p>Do not remove any shielding unless authorised, and suitably qualified to do so.</p>	Class Three (17)	N/A	Class Three (17)

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	Yes	No				

2. Crushing Hazards						
During set-up, operation, dismantling, maintenance or cleaning, can anyone be crushed due to:						
Materials falling off the plant?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Use the plant only as designed, and do not exceed the manufacturer's specifications. Ensure that the load is centred. Adhere to speed limits, and defined roads/pathways. Always wear the seatbelt. Ensure that personnel are aware of the ground conditions, and the proximity of other plant/equipment. Use adequate tarps or covers to cover the load.	Class Three (17)	N/A	Class Three (17)
Uncontrolled or unexpected movement of the plant or its load (are emergency stops necessary)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Only fully trained, competent and qualified personnel are to operate and/or work on the plant. Use the plant only as designed, and do not exceed the manufacturer's specifications. Ensure that the load is centered, and does not exceed the manufacturer's specifications. Engage the hand brake, and switch the engine off when alighting from the plant. Always wear the seatbelt. Adhere to speed limits, and defined roads/pathways. Ensure that personnel are aware of the ground conditions, and the proximity of other plant/equipment. The plant is to be maintained according to the manufacturer's specifications, by suitably qualified personnel.	Class Two (12)	N/A	Class Two (12)

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Description	Applies to this Plant		If hazard applies, state the existing control measures	Raw Risk Level (existing controls)	Further Controls Required	Residual Risk Level (with further controls applied)
	Yes	No				
			Any faults are to be reported to the appropriate person, and the plant tagged "Out Of Service", until repaired/replaced by suitably qualified personnel.			
Lack of capacity for the plant to be slowed, stopped or immobilised?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>Only fully trained, competent and qualified personnel are to operate and/or work on the plant.</p> <p>Use the plant only as designed, and do not exceed the manufacturer's specifications.</p> <p>Engage the hand brake, and switch the engine off when alighting from the plant.</p> <p>Always wear the seatbelt.</p> <p>Adhere to speed limits, and defined roads/pathways.</p> <p>Ensure that personnel are aware of the ground conditions, and the proximity of other plant/equipment.</p> <p>The plant is to be maintained according to the manufacturer's specifications, by suitably qualified personnel.</p> <p>Any faults are to be reported to the appropriate person, and the plant tagged "Out Of Service", until repaired/replaced by suitably qualified personnel.</p>	Class Three (17)	N/A	Class Three (17)
The plant tipping or rolling over Do incline limits apply for moving plant?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>Only fully trained, competent and qualified personnel are to operate and/or work on the plant.</p> <p>Use the plant only as designed, and do not exceed the manufacturer's specifications.</p> <p>Ensure that the load is centered to avoid any possibility of rollover.</p> <p>Adhere to speed limits, and defined roads/pathways.</p> <p>Always wear the seatbelt.</p> <p>Ensure that personnel are aware of the ground conditions, and the proximity of other plant/equipment.</p>	Class Three (22)	N/A	Class Three (22)

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	Applies to this Plant		If hazard applies, state the existing control measures	Raw Risk Level (existing controls)	Further Controls Required	Residual Risk Level (with further controls applied)
Yes	No					
Parts of the plant collapsing?	<input type="checkbox"/>	<input checked="" type="checkbox"/>				
Coming in contact with moving parts of the plant during testing, inspection, operation, maintenance, servicing cleaning or repair?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>Only fully trained, competent and qualified personnel are to operate and/or work on the plant.</p> <p>Adhere to speed limits, and defined roads/pathways.</p> <p>Ensure that all of the plant's lights are operating correctly, and clearly visible to all traffic.</p> <p>Ensure clear, adequate and legible signage warning of potential hazards.</p> <p>Use the horn to alert personnel of the location of the plant.</p> <p>Make positive eye contact with the Spotter/Operator before any movement of the plant.</p> <p>Use radios for communication, if required.</p> <p>Ensure that the plant is isolated, and/or de-energised, prior to commencement of any maintenance work.</p> <p>Ensure that any rotating parts are fully shielded, and that the shielding is in good condition and functional, as per specifications.</p> <p>Do not remove any shielding unless authorised, and suitable qualified to do so.</p> <p>Engage the hand brake, and switch the engine off when alighting from the plant.</p> <p>Ensure that personnel are aware of the ground conditions, and the proximity of other plant/equipment.</p>	Class Three (17)	N/A	Class Three (17)
Being thrown off or under the plant?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>Only fully trained, competent and qualified personnel are to operate and/or work on the plant.</p> <p>Use the plant only as designed, and do not exceed the manufacturer's specifications.</p>	Class Three (20)	N/A	Class Three (20)

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Description	Applies to this Plant		If hazard applies, state the existing control measures	Raw Risk Level (existing controls)	Further Controls Required	Residual Risk Level (with further controls applied)
	Yes	No				
			Always use the seatbelt. Use of hand rails/grips. Always use three (3) points of contact. The plant is fitted with non-slip, self-cleaning foot plates. Adhere to speed limits, and defined roads/pathways. General awareness of the condition of the work area, and proximity to other plant/equipment/personnel.			
Being trapped between articulation points (pinch points) on the plant?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Only fully trained, competent and qualified personnel are to operate and/or work on the plant. Ensure that the plant has stopped completely before alighting from the plant. Ensure that the hand brake is engaged, and that the engine is off before alighting from the plant. Ensure clear, adequate and legible signage warning of potential hazards.	Class Three (18)	N/A	Class Three (18)
If the plant reverses a lot, not hearing the plant and being reversed over?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Ensure that a Daily Pre-Start is completed, and that all components are working correctly, and to specifications. The plant is tagged "Out Of Service" if any faults are located, and not used until repaired/replaced by suitably qualified personnel. Plant Fitted with reverse beeper Spotter required when reversing in congested areas as required	Class Three (20)		Class Three (20)
Other factors not mentioned?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Use of adequate, clean and clearly visible lighting, and an amber revolving beacon, or flashing amber light, that is clearly visible to all traffic.	Class Three (17)	N/A	Class Three (17)

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Description	Applies to this Plant		If hazard applies, state the existing control measures	Raw Risk Level (existing controls)	Further Controls Required	Residual Risk Level (with further controls applied)
	Yes	No				
			General awareness of proximity to personnel and other plant/machinery.			

3. Cutting, Stabbing and Puncturing Hazards						
During set-up, operation, dismantling, maintenance or cleaning, can anyone be cut, stabbed or punctured due to:						
Coming in contact with sharp or flying objects?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>Only fully trained, competent and qualified personnel are to operate and/or work on the plant.</p> <p>Inspect the plant during the Daily Pre-Start for sharp objects, and/or damage.</p> <p>The plant is tagged "Out Of Service" if any faults are detected, and not used until repaired/replaced by suitably qualified personnel.</p> <p>Use all necessary PPE, appropriate for the task.</p>	Class Three (21)	N/A	Class Three (21)
Coming in contact with moving parts of the plant?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>Only fully trained, competent and qualified personnel are to operate and/or work on the plant.</p> <p>Ensure that the plant is isolated, and/or de-energised, prior to commencement of any maintenance work.</p> <p>Ensure that any rotating parts are fully shielded, and that the shielding is in good condition and functional, as per specifications.</p> <p>Do not remove any shielding unless authorised and suitable qualified to do so.</p> <p>Engage the hand brake, and switch the engine off when alighting from the plant.</p> <p>Ensure that personnel are aware of the ground conditions, and the proximity of other plant/equipment.</p>	Class Three (18)	N/A	Class Three (18)

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	Applies to this Plant		If hazard applies, state the existing control measures	Raw Risk Level (existing controls)	Further Controls Required
Yes	No				

The plant, parts of the plant or work pieces disintegrating?	<input type="checkbox"/>	<input checked="" type="checkbox"/>				
Work pieces being ejected?	<input type="checkbox"/>	<input checked="" type="checkbox"/>				
The mobility of the plant?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Only fully trained, competent and qualified personnel are to operate and/or work on the plant. General awareness of proximity to personnel and plant. Adhere to speed limits, and defined roads/pathways.	Class Three (17)	N/A	Class Three (17)
Uncontrolled or unexpected movement of the plant?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Only fully trained, competent and qualified personnel are to operate and/or work on the plant. General awareness of proximity to personnel and plant. Engage the hand brake, and switch the engine off before alighting from the plant.	Class Three (17)	N/A	Class Three (17)
Other factors not mentioned?	<input type="checkbox"/>	<input checked="" type="checkbox"/>				

4. Shearing Hazards						
During set-up, operation, dismantling, maintenance or cleaning:						
Can anyone's body parts be sheared between two parts of the plant, or between a part of the plant and a work piece or structure?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Only fully trained, competent and qualified personnel are to operate and/or work on the plant. Ensure that a Daily Pre-Start is completed, and that all components are working correctly, and to specifications. Ensure that the plant is isolated, and/or de-energised, prior to commencement of any maintenance work.	Class Three (17)	N/A	Class Three (17)

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	Yes	No				

			<p>Ensure that any rotating parts are fully shielded, and that the shielding is in good condition and functional, as per specifications.</p> <p>Do not remove any shielding unless authorised, and suitably qualified to do so.</p> <p>Engage the hand brake, and switch the engine off when alighting from the plant.</p> <p>Ensure that personnel are aware of the ground conditions, and the proximity of other plant/equipment.</p> <p>Ensure adherence to all procedures regarding speed, visual awareness, and proximity to other plant and/or structures.</p> <p>Ensure that all personnel are fit for work, and that all plant is fit for purpose.</p> <p>Ensure clear, adequate and legible signage warning of potential hazards.</p>			
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5. Frictional Hazards						
During set-up, operation, dismantling, maintenance or cleaning:						
Can anyone be burnt due to contact with moving parts or surfaces of the plant, or material handled by the plant?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>Only fully trained, competent and qualified personnel are to operate and/or work on the plant.</p> <p>All moving parts are covered by mudguards or cowlings; and all hot surfaces eg exhaust are shielded and signed accordingly.</p> <p>Ensure that all hot surfaces/components have cooled sufficiently before commencing any work on the plant.</p> <p>The batteries are shielded by cover plates.</p> <p>General awareness of the plant and it's capabilities.</p>	Class Three (18)	N/A	Class Three (18)

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	Yes	No				

6. Electrical Hazards						
During set-up, operation, dismantling, maintenance or cleaning, can anyone be injured or burnt by electrical shock due to:						
The nature of the plant will mean it could contact overhead / underground electrical conductors (are warning stickers mounted near operator console)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>				
Poorly insulated or designed electrical circuits / wiring?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Ensure that a Daily Pre-Start is completed, and that all components are working correctly, and to specifications. Only fully trained, competent and qualified personnel are to operate and/or work on the plant. The plant is tagged "Out Of Service" if any faults are located, and not used until repaired/replaced by suitably qualified personnel.	Class Three (21)	N/A	Class Three (21)
Short circuits (are inbuilt safety switches provided on generators)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Ensure that a Daily Pre-Start is completed, and that all components are working correctly, and to specifications. Only fully trained, competent and qualified personnel are to operate and/or work on the plant. General awareness of the condition and cleanliness of the plant prior to use.	Class Three (21)	N/A	Class Three (21)
From poor isolation of water and electrical circuits?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Ensure that a Daily Pre-Start is completed, and that all components are working correctly, and to specifications. Only fully trained, competent and qualified personnel are to operate and/or work on the plant.	Class Three (21)	N/A	Class Three (21)

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Yes	No					
			The plant is tagged "Out Of Service" if any faults are located, and not used until repaired/replaced by suitably qualified personnel. Do not use the plant if it has come into contact with water, or if it is suspected of coming into contact with water.			
Other factors not mentioned?	<input type="checkbox"/>	<input checked="" type="checkbox"/>				

7. Explosion Hazards						
During set-up, operation, dismantling, maintenance or cleaning:						
Can anyone be injured by explosion of gases, vapours, liquids, dusts or other substances, triggered by the operation of the plant or by material handled by the plant?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>Only fully trained, competent and qualified personnel are to operate and/or work on the plant.</p> <p>Ensure that a Daily Pre-Start is completed, and that all components are working correctly, and to specifications.</p> <p>The plant is tagged "Out Of Service" if any faults are detected, and not used until repaired/replaced by suitably qualified personnel.</p> <p>The plant is fitted with an approved and maintained fire extinguisher.</p> <p>Ensure that re-fuelling is done in compliance with all policies and procedures, and in a well-ventilated area.</p> <p>Do not re-fuel whilst the engine is running, or hot.</p> <p>Avoid fuel spillage during re-fuelling.</p> <p>Ensure that there are no sources of ignition, or naked flames in the area.</p> <p>Ensure that a fire extinguisher is available.</p>	Class Two (13)	N/A	Class Two (13)

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Description	Applies to this Plant		If hazard applies, state the existing control measures	Raw Risk Level (existing controls)	Further Controls Required	Residual Risk Level (with further controls applied)
	Yes	No				
			Ensure that personnel are proficient in the use of the fire extinguisher. Contain any spillage. Report any spillage to Environment for action, if necessary. Do not use in confined spaces.			
8. Slipping and Tripping Hazards						
During set-up, operation, dismantling, maintenance or cleaning, can anyone using the plant, or in the vicinity of the plant, slip or trip due to:						
Uneven or slippery work surfaces?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Provision of hand rails and hand grips. Always use three (3) points of contact. Always wear the seatbelt. Clean excess mud/dirt from boots before entering cabin. The plant is fitted with non-slip, self-cleaning foot plates. General awareness of the plant and it's capabilities.	Class Three (18)	N/A	Class Three (18)
Poor housekeeping, e.g. Swarf in the vicinity of the plant, spillage not cleaned up?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Remove dirt, mud and/or debris from floor of plant. Remove any oil, grease, diesel, dirt from hand grips or rails. Clean excess dirt/mud from boots before entering cabin. The plant is fitted with non-slip, self-cleaning foot plates. Remove any, and all rubbish from the plant. General awareness of the plant and it's capabilities. General awareness of the condition and cleanliness of the plant prior to use	Class Three (19)	N/A	Class Three (19)
Obstacles being placed in the vicinity of the plant?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	General awareness of the site condition, and location of other plant and machinery. Consider parking the plant in an area where obstructions are minimised.	Class Three (18)	N/A	Class Three (18)

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	Applies to this Plant		If hazard applies, state the existing control measures	Raw Risk Level (existing controls)	Further Controls Required	Residual Risk Level (with further controls applied)
Yes	No					
			Communicate with other operators in regards to obstructions, and/or placement of plant/equipment			
Other factors not mentioned?	<input type="checkbox"/>	<input checked="" type="checkbox"/>				

9. Falling Hazards						
During set-up, operation, dismantling, servicing, maintenance or cleaning, can anyone fall from a height due to:						
Hazard Description	Yes	No	Control Measures	Raw Risk Level	Further Controls Required	Residual Risk Level
Lack of a proper work platform?	<input type="checkbox"/>	<input checked="" type="checkbox"/>				
Deficient stairs, ladders or hand grip points for accessing and exiting from the operator console? (Perform an entry and exit to confirm adequacy)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The plant is fitted with non-slip, self-cleaning foot plates. Provision of hand rails and/or hand grips. Always use three (3) points of contact.	Class Three (17)	N/A	Class Three (17)
Lack of guardrails or other suitable edge protection?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Ensure that a Daily Pre-Start is completed, and that all components are working correctly, and to specifications. The plant is tagged "Out Of Service" if any faults are detected, and not used until repaired/replaced by qualified personnel.	Class Three (17)	N/A	Class Three (17)
Unprotected holes, penetrations or gaps?	<input type="checkbox"/>	<input checked="" type="checkbox"/>				
Poor floor or walking surfaces, such as the lack of slip resistant surface?	<input type="checkbox"/>	<input checked="" type="checkbox"/>				

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	Yes	No				

Steep walking surface?	<input type="checkbox"/>	<input checked="" type="checkbox"/>				
Other factors not mentioned?	<input type="checkbox"/>	<input checked="" type="checkbox"/>				

10. Ergonomic / Manual Handling Hazards						
During set-up, operation, dismantling, maintenance or cleaning, can anyone injure themselves due to:						
Poorly designed seating?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	If the seating is damaged, then the plant is to be tagged "Out Of Service", and not used until repaired/replaced by suitably qualified personnel.	Class Three (21)	N/A	Class Three (21)
Repetitive body movement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	General fitness; adherence to accepted principles for body movement. General awareness of movement and consequences of incorrect movement. Use of alternate methods to remove/minimise repetition.	Class Three (19)	N/A	Class Three (19)
Lack of guardrails or other suitable edge protection?	<input type="checkbox"/>	<input checked="" type="checkbox"/>				
The need for excessive manual handling effort?	<input type="checkbox"/>	<input checked="" type="checkbox"/>				
Lack of consideration given to human error or human behaviour?	<input type="checkbox"/>	<input checked="" type="checkbox"/>				
Other factors not mentioned?	<input type="checkbox"/>	<input checked="" type="checkbox"/>				

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	Applies to this Plant		If hazard applies, state the existing control measures	Raw Risk Level (existing controls)	Further Controls Required
Yes	No				

11. Atmospheric / Confined Spaces Hazards						
During set-up, operation, dismantling, maintenance or cleaning:						
Can anyone be suffocated due to lack of oxygen, or atmospheric contamination?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>Only fully trained, competent and qualified personnel are to operate and/or work on the plant.</p> <p>The plant is to be serviced/repared by suitably qualified personnel, to meet the manufacturer's specifications.</p> <p>The plant is to be isolated and/or de-energised prior to any maintenance work.</p> <p>The maintenance work is to be conducted in a well ventilated area.</p> <p>General awareness of the site condition, and location of other plant and machinery.</p> <p>Use of correct PPE for the task, and location.</p> <p>Do not use in a confined space.</p>	Class Three (17)	N/A	Class Three (17)

12. High Temperature / Fire Hazards						
During set-up, operation, dismantling, maintenance or cleaning:						
Can anyone come into contact with objects at high temperatures?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>Hot objects such as exhausts are shielded, and identified by labelling.</p> <p>The engine is located under a cowling.</p> <p>Allow all hot components to cool sufficiently before commencing any maintenance on the plant.</p> <p>General awareness of the site condition, and location of other plant and machinery.</p> <p>Use all PPE appropriate for the task at hand.</p>	Class Three (19)	N/A	Class Three (19)

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Yes	No				

Can anyone be injured by fire?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>Only fully trained, competent and qualified personnel are to operate and/or work on the plant.</p> <p>Ensure that a Daily Pre-Start is completed, and that all components are working correctly, and to specifications.</p> <p>The plant is tagged "Out Of Service" if any faults are detected, and not used until repaired/replaced by suitably qualified personnel.</p> <p>The plant is fitted with an approved and maintained fire extinguisher.</p> <p>Ensure that re-fuelling is done in compliance with all policies and procedures, and in a well ventilated area.</p> <p>Do not re-fuel whilst the engine is running, or hot.</p> <p>Avoid fuel spillage during re-fuelling.</p> <p>Ensure that there are no sources of ignition, or naked flames in the area.</p> <p>Ensure that a fire extinguisher is available.</p> <p>Ensure that personnel are proficient in the use of the fire extinguisher.</p> <p>Contain any spillage.</p> <p>Report any spillage to Environment for action, if necessary.</p>	Class Three (22)	N/A	Class Three (22)
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13. Temperature (Thermal Comfort) Hazards						
During set-up, operation, dismantling, maintenance or cleaning:						
Can Anyone suffer ill-health due to exposure to high or low temperatures?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The plant is to be serviced/repared by suitably qualified personnel, in accordance with, and to meet the manufacturer's specifications.	Class Three (22)	N/A	Class Three (22)

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	Yes	No				
			Allow any hot components to cool sufficiently before commencing any maintenance work. Use all PPE as required for the task at hand.			

14. Contaminants / Environmental Hazards						
During set-up, operation, dismantling, maintenance or cleaning, can anyone be injured or suffer ill health from exposure to:						
Chemicals'?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Only fully trained, competent and qualified personnel are to operate and/or work on the plant. Use all PPE as required for the task at hand. Re-fuel plant according to accepted procedures. Avoid spillage whilst re-fuelling. Do not allow any direct bodily contact with any contaminants i.e. Diesel fuel. Clean any affected bodily area with warm soapy water, and seek medical attention. Re-fuel in a well-ventilated area. Have a fire extinguisher present whilst re-fuelling. Ensure that personnel are proficient in the use of the fire extinguisher. No naked flames or sources of ignition in the area of re-fuelling. Clean any spillage immediately, and report to Environment, if necessary, for any relevant action. Do not use in confined spaces.	Class Three (22)	N/A	Class Three (22)
Toxic gases or vapours?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Only qualified personnel are to service the plant according to the manufacturer's specifications.	Class Three (22)	N/A	Class Three (22)

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	Yes	No				
			Use PPE according to the task at hand. Always work in a well ventilated area.			
Exhaust fumes (e.g., are exhaust locations venting away from ALL operator positions)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Only fully trained, competent and qualified personnel are to operate and/or work on the plant. Use of appropriate PPE. Awareness of duration, and proximity to fumes. Always work in a well ventilated area.	Class Three (22)	N/A	Class Three (22)
Dust?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Use of appropriate PPE for the task at hand. Wet down of problem dust areas. General awareness of location and work in progress.	Class Three (18)	N/A	Class Three (18)
Noise (if the operating noise level above 85dBA, control is required)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Use of appropriate PPE for the task, and duration of task. Clear, legible and appropriate signage indicating noise levels of plant/task.	Class Three (19)	N/A	Class Three (19)
Vibration?	<input type="checkbox"/>	<input checked="" type="checkbox"/>				
Radiation?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Ensure that approved sunscreen is available. Use hats with wide brims. Wearing of long sleeve shirts; buttoned at wrist and buttoned up at chest.	Class Three (19)	N/A	Class Three (19)
Inadequate or poorly placed lighting?	<input type="checkbox"/>	<input checked="" type="checkbox"/>				
Other factors not mentioned?	<input type="checkbox"/>	<input checked="" type="checkbox"/>				

Plant Risk Assessment

Plant Type: Light Vehicle Make/Model: Isuzu Cab Chassis Unit No(s): GNB302 Plant ID No.: BN61TJ Owner: GNB Energy

Hazard Description	Control Measures				
	Applies to this Plant		If hazard applies, state the existing control measures	Raw Risk Level (existing controls)	Further Controls Required
Yes	No				

15. Maintenance / Cleaning Hazards (list additional hazards which have not been previously identified in this document)						
During dismantling, maintenance or cleaning, can anyone be injured or suffer ill health from exposure to the following hazards:						
Hazard not previously identified in this document	<input type="checkbox"/>	<input checked="" type="checkbox"/>				

16. Operational Hazards						
Is there a risk of uncontrolled or unexpected movement of the plant causing a rollover? Ex: ROPS <i>Note: check ROPS compliance plant</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The load should be centred to avoid the possibility of rollover. Spotter used during plant movement where risk of roll over is present. Plant should be operated on firm ground, and level where possible Operators to be VOC'd and experienced	Class Three (19)	N/A	Class Three (19)
Is there a risk to the operator of falling object? Ex: FOPSS <i>Note: check FOPS compliance plant</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>				

Plant Owner/Representative:

Signature: 

Date: 03/11/18

Name: Greg Byrnes


Position: Managing Director

Plant Risk Assessment

Plant Type: Light Vehicle Make/Model: Isuzu Cab Chassis Unit No(s): GNB302 Plant ID No.: BN61TJ Owner: GNB Energy

Hazard		Control Measures				
Description	Applies to this Plant		If hazard applies, state the existing control measures	Raw Risk Level (existing controls)	Further Controls Required	Residual Risk Level (with further controls applied)
	Yes	No				

Assessment Approved By Project Representative:

Signature: 
 Name: Blesson Chacko

Date: 03/11/18
 Position: Project Manager

Plant Risk Assessment

Plant Type: Light Vehicle Make/Model: Isuzu Cab Chassis Unit No(s): GNB302 Plant ID No.: BN61TJ Owner: GNB Energy

Record of Plant Risk Assessment Induction

Name	Qualification Required for this Activity	Signature	Date	Time	Employer

Plant Risk Assessment

Plant Type: Light Vehicle Make/Model: Isuzu Cab Chassis Unit No(s): GNB302 Plant ID No.: BN61TJ Owner: GNB Energy

Risk Matrix

Risk Assessment Variables					
Step 1 Determine Probability		Step 2 – Determine Consequences (higher of People or Environmental)			
Probability		People or Human Consequence		Environmental Consequence	
A	Common or Frequent Occurrence	1	Fatality / Permanent	1	National Media Attention, Significant Visible Damage, Court Case, Major Delay
B	Known to Occur	2	Serious Lost Time Injury	2	Widespread Complaints, Local Media, EPA Prosecution action, Visible Damage
C	Could Occur	3	Disabling or Short Term Lost	3	EPA Statutory Notice Consistent Complaints, Limited Impact, Limited Delay
D	Not Likely to Occur	4	Medical Treatment Injury	4	Offsite impact Possible, Few Complaints, EPA or Media NOT interested
E	Practically Impossible	5	First Aid Injury	5	No Pollution or harm, unlikely complaints less then \$500 to rectify

Risk Assessment Calculator					
Step 3 - Calculate Risk					
	A	B	C	D	E
1	Class One (1)	Class One (2)	Class One (4)	Class One (7)	Class Two (11)
2	Class One (3)	Class One (5)	Class One (8)	Class Two (12)	Class Three (16)
3	Class One (6)	Class Two (9)	Class Two (13)	Class Three (17)	Class Three (20)
4	Class Two (10)	Class Two (14)	Class Three (18)	Class Three (21)	Class Three (23)
5	Class Two (15)	Class Three (19)	Class Three (22)	Class Three (24)	Class Three (25)