RISK MANAGEMENT REPORT

TYPE	Tipper
MAKE	Isuzu
MODEL	FVZ 240-300 6x4
ASSET NUMBER	T09
REGISTRATION	SB10NL

Report Number	OI 20251015-1520
Date	15-Oct-2025
Created By	Dylan Thomson
Assessor	Dylan Thomson
Assist. Assessor(s)	
Completed By	Dylan Thomson
Owner	Outside Ideas
Assessment Purpose	Plant in use
State	SA



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SECTION 4 — **RISK TREATMENTS REQUIRED**
Contains detailed information regarding the risk treatments to be implemented including hazard, risk rating, time frame, relevant standards & legislative references

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Contains detailed information regarding the risk treatments in place including hazard, risk rating, relevant standards & legislative references

SECTION 6 — **IMAGES AND NOTES**
Contains images & any relevant information entered by the assessor

SECTION 1 IMPORTANT INFORMATION

This report was generated by Ideagen Machine Safety on Wednesday, 15 Oct 2025 2:50 PM

All operators of this item of plant must read and understand this report prior to operating this item of plant. This report pertains to this item of plant as it appeared on the day of inspection.

The safety hazards associated with the operating and maintaining of this item of plant have been identified as far as practical by visual inspection.The condition of this item of plant will change with use. No physical testing has been conducted (eg. Wire rope tests, stress tests, structural/non-destructive tests, noise tests, vibration tests, brake tests, insulation tests etc.) unless stated otherwise in the notes.

Controls outlined in both section 4 & 5 of this report must be maintained at all times whilst this item of plant is in operation. Any information contained in the notes section of this report shall be read in conjunction with section 3. Any information relating to the standard features have been supplied via the manufacturer and shall be used as a guide only until verified.

Additional Risk Assessment may be required, specific to the operating environment, for this item of plant.
All operators and maintenance personnel must be appropriately trained in the use & maintenance of this item of plant.

For further information regarding this report contact Ideagen Machine Safety on 1300 72 88 52

SECTION 2 MACHINE DETAILS

MACHINE DETAILS			
	- NOISE TEST RESULTS	Operator Sound Level (dBA)	
	CAPACITIES	Fuel Tank Capacity (Litres)	
	DIMENSIONS/WEIGHTS	Gross Combination Mass (GCM)	
		Gross Vehicle Mass (GVM)	
		Tare Weight	
		Tipper Height - Raised (mm)	
	ENGINE	Engine Displacement (Litres)	
		Engine Make & Model	
		Engine Number	
		Engine Petrol/Diesel	
		Engine Power (kW@rpm)	
		Number of Cylinders	
	GENERAL	Odometer	
	TRANSMISSION	Transmission Type	
	TYRES	Standard Front Tyre Size	
		Standard Rear Tyre Size	
	EXTRAS	Air Conditioning	
		Tarp - Manual	

SECTION 3 RISK ANALYSIS / RISK EVALUATION

RISK ANALYSIS

LIKELIHOOD \ CONSEQUENCE	1. INSIGNIFICANT Dealt with by in house first aid	2. MINOR Treated by medical professionals, hospital out patients	3. MODERATE Significant non permanent injury overnight hospital stay	4. MAJOR Extensive permanent injury eg. Loss of fingers, extended hospital stay	5. CATASTROPHIC Death, permanent disabling injury eg. Loss of hand, quadriplegia
A. Almost certain to occur in most circumstances	MEDIUM 8	HIGH 16	HIGH 18	CRITICAL 23	CRITICAL 25
B. Likely to occur frequently	MEDIUM 7	MEDIUM 10	HIGH 17	HIGH 20	CRITICAL 24
C. Possibly and likely to occur at sometime	LOW 3	MEDIUM 9	MEDIUM 12	HIGH 19	HIGH 22
D. Unlikely to occur but could happen	LOW 2	LOW 5	MEDIUM 11	MEDIUM 14	HIGH 21
E. May occur but only in rare circumstances	LOW 1	LOW 4	LOW 6	MEDIUM 13	MEDIUM 15

RISK EVALUATION

CRITICAL	Act immediately to mitigate risk. Implement risk treatment(s) in accordance with the risk treatment table below.
HIGH	Act immediately to mitigate risk. Implement risk treatment(s) in accordance with the risk treatment table below. If the appropriate risk treatments are not immediately accessible establish interim risk treatment strategies. Permanent risk treatments must be implemented within one week.
MEDIUM	Take reasonable steps to mitigate and monitor the risk. Implement risk treatment(s) in accordance with the risk treatment table below. Permanent risk treatments must be implemented within one month.
LOW	Take reasonable steps to mitigate and monitor the risk. Implement risk treatment(s) in accordance with the risk treatment table below. Permanent risk treatments must be implemented within three months.

RISK TREATMENT

Selecting the most appropriate risk treatment option involves balancing the costs and efforts of implementation against the benefits derived, with regard to legal, regulatory and other requirements. (source AS/NZS ISO 31000:2018)

Eliminate	Eliminate the risk source.
Substitute	Provide an alternative that is capable of performing the same task which is safer.
Isolate	Isolate people from the hazard.
Engineering	Provide or construct a physical barrier or guard.
Administration	Develop policies, procedures, practices and guidelines in consultation with employees to mitigate the risk. Provide training, instruction and supervision about the risk source.
Personal protective	Provide personal protective equipment to protect the individual from the risk source.

SECTION 4 RISK TREATMENTS REQUIRED

This section of the report pertains to hazards created by use of this item of plant which currently do not have risk treatments in place. The risk treatments recommended in this section have been developed based on relevant Australian Standards, health & safety legislation, the hierarchy of risk treatment in accordance with the guidelines set forth in AS/NZS ISO 31000 – Risk Management and various other sources. The recommended risk treatment measures must be developed, implemented and validated as effective prior to the operation, maintenance or testing of this item of plant. Treatments applied must be dated and initialled adjacent the recommendations. All operators must read and understand the entire contents of this section prior to operating this item of plant.

HAZARD(S)	Prelim. Risk Rating	Residual Risk Rating	Time Frame	Due Date	Date Rectified	Initial

SECTION 5 RISK TREATMENTS IN PLACE

This section of the report pertains to risk treatments currently in place on this item of plant. This section must be read in conjunction with the safety section of the manufacturers handbook. All operators must read and understand the entire contents of this section prior to operating this item of plant. These treatments or equivalent must remain in place at all times whilst this item of plant is in operation.

OPERATION

HAZARD(S)	Prelim. Risk Rating	Residual Risk Rating
NOMINATED OPERATOR ONLY **INCORRECT OPERATION**	CRITICAL 24	MEDIUM 15
Risk Treatments in Place: **Operator Competency** Only persons who hold the relevant licence for this class of vehicle are permitted to drive this vehicle. Ensure all road rules are followed at all times, take regular breaks, follow fatigue management, and rest requirements. If driving on a site, all site rules and traffic management plans must be adhered to. If this vehicle has equipment/features (e.g. crane, tipping body, ewp etc.) attached to the body, ensure all operators are qualified, trained and experienced in the operation of this equipment.		
References: Work Health & Safety Act & Regulations- , Occupational Health & Safety Act & Regulations		
INCORRECT OPERATION	HIGH 22	MEDIUM 15
Risk Treatments in Place: **Operation Handbook** The manufacturer's operation handbook has been supplied for this item of plant. This handbook must be available at all times to all potential operators and supervisory staff. All potential operators must read and be familiar with this handbook prior to operating. A complete risk assessment/Job Safety Analysis must be undertaken covering all operating processes and environments associated with this item of plant. SWMS should be produced for specific tasks associated with use of this item of plant.		
References: Work Health & Safety Act & Regulations- , Occupational Health & Safety Act & Regulations		
INCORRECT OPERATION	HIGH 22	MEDIUM 15
Risk Treatments in Place: **Pre-op Checklist Rigid Tipper** A pre-operational checklist is available for this Rigid Tipper. All operators must complete this checklist prior to operating this Rigid Tipper.		
References: Work Health & Safety Act & Regulations- , Occupational Health & Safety Act & Regulations		
INCORRECT OPERATION	HIGH 22	MEDIUM 15
Risk Treatments in Place: **SOP Tipper** Safe Operation Procedures are available for this Tipper. The information in the Safe Operation Procedures must be followed at all times whilst operating this Tipper.		
INCORRECT OPERATION	HIGH 22	MEDIUM 15
Risk Treatments in Place: **Control Labels** All controls including all levers, buttons, pedals, switches etc. are clearly labelled as to their purpose and method of operation. These labels must be maintained in a clean and serviceable condition at all times.		
References: AS/NZS4024.1905		

HAZARD(S)	Prelim. Risk Rating	Residual Risk Rating
INCORRECT OPERATION, NON COMPLIANCE	HIGH 22	MEDIUM 15
Risk Treatments in Place: **Emergency Stop Labelling - Tippers** The emergency stop(s) fitted to this tipping body are clearly labelled as to the purpose and method of operation. These labels must be maintained in a clean and serviceable condition at all times.		
References: AS/NZS4024.1604		
ELECTROCUTION	HIGH 22	MEDIUM 15
Risk Treatments in Place: **Electrical Approach Distances** This item of plant has a hazard warning label re: overhead electrical hazards and minimum approach distances fitted. These distances must be adhered to strictly. These labels and tables must be present, clear and legible at all times. Spotters are required when working within 5 metres of the minimum approach distance of any live electrical apparatus. Any encroach within the minimum approach distances must only occur if the following provisions have been met - 1. The machine is designed to work within the minimum approach distances 2. Permission has been granted by the electricity company and 3. Safe systems of work have been documented and approved.		
References: ISO31000		
ENTANGLEMENT, SHEARING, PINCHING	HIGH 22	MEDIUM 15
Risk Treatments in Place: **Guarding Label - Tarp** All the belts, pulleys, chains and gears are guarded. These guards must be present, fully functional and serviceable at all times whilst this item of plant is in operation and the labels re: do not open or remove unless the power source has been isolated must be in place and easily seen at all times.		
References: AS/NZS4024.1201		
CRUSHING, FALLING	HIGH 22	MEDIUM 15
Risk Treatments in Place: **No Riding On Machine Label** This item of plant has a hazard warning label re: "No Riding on Machine". It must be present, clear and legible at all times whilst this item of plant is in operation.		
References: AS1418.8, AS1319		
POISONING, EXPLOSION, BURNS	HIGH 22	MEDIUM 15
Risk Treatments in Place: **Tank ID Label** The tank(s) on this item of plant have clear, legible label(s) identifying their contents, and if appropriate any necessary controls re: the contents. These must be present, clear and legible at all times. (this includes radiator, hydraulic, water and petrol/diesel tanks etc.)		
References: Work Health & Safety Act & Regulations- , Occupational Health & Safety Act & Regulations		
POOR VISIBILITY, COLLISION	HIGH 22	MEDIUM 15
Risk Treatments in Place: **Rear Camera** This item of plant is fitted with a rear camera which is suitable for day and night operations. This camera and screen must be fully functional at all times whilst this item of plant is in operation.		
References: AS/NZS4024.1201, ISO31000		
INCORRECT OPERATION, OPERATIONAL MALFUNCTION	HIGH 22	MEDIUM 15
Risk Treatments in Place: **Drawbar Capacity Label** The item of plant has a drawbar and a hazard warning label attached adjacent the drawbar/tow hitch re: maximum towing capacity, crushing, keep clear. It must be present and fully functional and serviceable at all times.		
References: ISO31000, Australian Design Rules-		

HAZARD(S)	Prelim. Risk Rating	Residual Risk Rating
CRUSHING, STRIKING	HIGH 21	MEDIUM 15
Risk Treatments in Place: **Tipping Operations** This item of plant is fitted with a clear and legible instruction label in clear view of the operator which advises - “Ensure the area around the truck is clear during tipping operations”. This label must be clear and legible at all times whilst this item of plant is in operation.		
References: NHVR		
FIRE	HIGH 21	MEDIUM 15
Risk Treatments in Place: **Fire Extinguisher** This item of plant is fitted with an approved and maintained fire extinguisher. Fire extinguisher(s) must be present and fully functional at all times. They must be readily accessible to the operator. Regular inspections must also be carried out in accordance with the manufacturer’s requirements and AS 1851 – 1995		
References: AS10896.1, AS1851		
ENTANGLEMENT, SHEARING, BURNS	MEDIUM 14	MEDIUM 13
Risk Treatments in Place: **Engine Guard Label** The engine fan and alternator belts, pulleys and gears are guarded. These guards have clear legible hazard warning labels re do not open or remove guards while engine is running. These labels must be present, legible and easily seen at all times whilst this item of plant is in operation.		
References: AS/NZS4024.1201, AS1319-		
CRUSHING	MEDIUM 14	MEDIUM 13
Risk Treatments in Place: **Crush Zone** This item of plant has hazard warning labels re: Crushing, keep all body parts clear, adjacent all crush zones. These labels must be present and fully functional and serviceable at all times.		
References: AS/NZS4024.1201, AS1319-		
CRUSHING, COLLISION	MEDIUM 12	LOW 6
Risk Treatments in Place: **Warning Device (horn)** This item of plant is fitted with a fully functional audible warning device such as a horn. This must be easily accessed by the operator, and easily identifiable by nearby pedestrians. All operators should ensure the warning devices are functional at the start of each shift, by completing pre-start checklists. Warning devices should operate automatically where appropriate (eg reversing)		
References: ISO7731		
COLLISION	MEDIUM 9	LOW 5
Risk Treatments in Place: **Recovery Point Label** This item of plant is fitted with a hazard warning label adjacent the recovery tow point which states “Recovery tow point – Read manufacturer’s towing instructions before towing". Failure to do so could result in DEATH or SERIOUS INJURY. This label must be clear and legible at all times whilst this item of plant is in operation.		
References: ISO31000		

DESIGN COMPLIANCE

HAZARD(S)	Prelim. Risk Rating	Residual Risk Rating
CRUSHING, COLLISION	CRITICAL 24	MEDIUM 15

Risk Treatments in Place: **Park Brake**
This item of plant is fitted with a fully functional park (hand) brake which meets the following requirements –
1. Is separate to the service brakes
2. Has a device which maintains the brake in the on position until intentionally disengaged

The park brake must be regularly inspected and tested. These inspections and tests must be documented as part of your plant safety programme.

References: Australian Design Rules-

COLLISION	CRITICAL 24	MEDIUM 15

Risk Treatments in Place: **Safety Chain Connection Point**
This item of plant has a drawbar and is fitted with suitable safety chain attachment points adjacent the drawbar.
These attachment points must be fully functional and free from damage at all times whilst this item of plant is in use.

References: Australian Design Rules-

STRIKING, BURNS	HIGH 22	MEDIUM 15

Risk Treatments in Place: **Hydraulic Hoses**
This item of plant has hydraulic hoses. These hoses must be inspected each day or before each use for wear and tear. If there are visible signs of wear, immediate action must be taken to control the risk arising from this wear. These inspections must be documented.

Hydraulic fluid at high pressure can penetrate the skin, never use any part of your body to check for leaks. If oil penetrates the skin seek medical advice immediately. Always use a piece of cardboard or similar to check for suspected leaks. Always wear appropriate gloves when handling hydraulic hoses.

Hydraulic pressure can be stored and is a hazard. Always connect and disconnect hydraulic hoses as per the manufacturer's manual.

References: AS4024, AS2671

CRUSHING, COLLISION	HIGH 22	MEDIUM 15

Risk Treatments in Place: **Hold To Run Tipping Body Controls**
The tipping body controls are the "hold to run" type.
Operators and maintenance staff MUST NEVER attempt to bypass this important safety feature. Failure to comply with this instruction may lead to serious injury or death.

References: AS1418.8

CRUSHING, NON COMPLIANCE	HIGH 22	MEDIUM 15

Risk Treatments in Place: **Emergency Stop Device - Tippers**
This tipping body has an emergency stop device located adjacent the tipping controls. The emergency stop must meet all of the following criteria whilst this item of plant is in operation.
1. Is operational
2. Is coloured red with yellow background
3. Is easily accessible to the operator at all times whilst operating this item of plant
4. Actuation of the emergency stop only eliminates the power source to the tipping hoist
5. Resetting of emergency stop does not automatically restart the tipping hoist

References: AS1418.8, AS/NZS4024.1604

CRUSHING, COLLISION	HIGH 22	MEDIUM 15

Risk Treatments in Place: **Loose Items - Operator Work Area**
All items that could cause harm to the operator in the event of a collision or rollover are securely restrained.

References: ISO31000

CRUSHING, ENTANGLEMENT, STRIKING, COLLISION	HIGH 22	MEDIUM 15

Risk Treatments in Place: **Neutral Start**
This item of plant has neutral start control in place. It must be fully functional and serviceable at all times whilst this item of plant is in operation.

References: AS4024.1603

HAZARD(S)	Prelim. Risk Rating	Residual Risk Rating
CRUSHING	HIGH 22	MEDIUM 15
Risk Treatments in Place: **Seat Belt** This item of plant is fitted with an operator seat belt. This seat belt must be free from damage, and permanently and sturdily attached at all times whilst this item of plant is in operation. Operators must use this seat belt at all times during operation.		
References: Australian Design Rules-		
POOR VISIBILITY, COLLISION	HIGH 22	MEDIUM 15
Risk Treatments in Place: **Operator Mirrors** The operator rear view mirrors fitted to this item of plant must be fully functional and kept clean at all times. There must always be at least one mirror on each side to provide rear vision to the operator to avoid striking bystanders and objects.		
References: AS/NZS4024.1201		
CRUSHING	HIGH 22	MEDIUM 15
Risk Treatments in Place: **Passenger Seats** An ergonomic passenger seat(s) with an approved restraint(s) is fitted to this item of plant. These must both be serviceable at all times whilst this item of plant is in operation.		
References: AS/NZS4024.1401		
STRIKING, BURNS	HIGH 22	MEDIUM 15
Risk Treatments in Place: **Hydraulic Hose Failure Shield** This item of plant is fitted with a sturdy, permanent shield(s) between the hydraulic hoses and any body parts of the operator to provide protection during a hose or component failure. This shield(s) must be present and fully functional at all times whilst this item of plant is in operation.		
References: AS4024, ISO4413, AS2671		
CRUSHING, COLLISION	HIGH 22	MEDIUM 15
Risk Treatments in Place: **Reverse Movement Alarm** This item of plant is fitted with a reverse movement awareness alarm which is automatically activated when reverse gear is selected. This alarm must be fully functional and serviceable at all times whilst this item of plant is in operation.		
References: ISO7731		
CRUSHING, COLLISION	HIGH 22	MEDIUM 15
Risk Treatments in Place: **Loose Loads - External - Tippers** All loads are correctly positioned, securely restrained to this item of plant and covered (if required) to prevent unintended movement during transit		
References: ISO31000		
POOR VISIBILITY, COLLISION	HIGH 22	MEDIUM 15
Risk Treatments in Place: **Machine Lights** This item of plant is fitted with self contained lighting. All of these lights must be fully functional and serviceable whilst this item of plant is in operation in areas of reduced light. If any of these lights stop working the operation must cease immediately and the faulty light be repaired before operation can continue in the areas of reduced light.		
References: Australian Design Rules-		
CRUSHING	HIGH 22	LOW 2
Risk Treatments in Place: **Cabin/Bonnet Support** The cabin/bonnet on this item of plant is fitted with a safety support and instruction label. These must be fully functional and serviceable at all times. The support must be used when accessing the engine and area under the engine for maintenance or any other purpose.		
References: AS/NZS4024.1201		

HAZARD(S)	Prelim. Risk Rating	Residual Risk Rating
ENTANGLEMENT	HIGH 22	MEDIUM 15
Risk Treatments in Place: **Engine Guards** The engine fan and alternator belts, pulleys and gears are guarded. These guards must be present and fully functional and serviceable at all times whilst this item of plant is in operation.		
References: AS/NZS4024.1601		
CRUSHING	HIGH 22	LOW 2
Risk Treatments in Place: **Hydraulic Load Holding Devices - Tippers** The load carrying cylinders to the tipping body on this item of plant fitted with automatic means (e.g. load-holding valves) to prevent uncontrolled movement of the unit in the case of loss of power or hydraulic failure. These devices must be present and fully functional at all times whilst this item of plant is in operation.		
References: AS1418.8		
CRUSHING	HIGH 22	MEDIUM 15
Risk Treatments in Place: **Tipping Body Prop** The tipping body on this item of plant is fitted with a mechanical safety support and instruction label. These must be fully functional and serviceable at all times. The support must be used when accessing the area under the tipping body for maintenance or any other purpose.		
References: AS1418.8		
FALLING	HIGH 22	MEDIUM 15
Risk Treatments in Place: **Handrails** All operator work platforms are either - a) above 0.5m and below 2.0m from the ground or nearest platform and have three points of contact which can be constantly maintained by any person on the platform performing expected tasks or b) are above 2.0m from the ground or nearest platform and have an approved guardrail which meets the following requirements: 1. All guardrails are at least 1.1m high 2. All guardrails have a mid rail 3. All sides and ends have a kick plate which is at least 100mm high. These work platforms and/or access points must have guardrails present that are fully functional and serviceable at all times whilst this item of plant is in operation.		
References: AS/NZS4024.1201, ISO14122.3		
COLLISION	HIGH 22	MEDIUM 15
Risk Treatments in Place: **Turning, Braking & Presence Lights** This item of plant is fitted with lighting to indicate presence, turning and braking. All of these lights must be fully functional whilst this item of plant is in operation in areas of reduced light. If any of these lights stop working the operation must cease immediately and the faulty light be repaired before operation can continue in the areas of reduced light.		
References: Australian Design Rules-		
COLLISION	HIGH 22	MEDIUM 15
Risk Treatments in Place: **Beacon** This item of plant is fitted with a safety beacon. This beacon must meet the following criteria at all times whilst this item of plant fitted is in operation - - Is visible up to 200m in all directions (allowing for intermittent obstruction from the plant structure whilst the plant is in operation) - Is fitted in the most appropriate location on machine to maximise visibility without risking continual damage NOTE: more than one beacon may be fitted to meet these criteria.		
References: AS/NZS4024.1201		

HAZARD(S)	Prelim. Risk Rating	Residual Risk Rating
OPERATIONAL MALFUNCTION	HIGH 22	LOW 2
Risk Treatments in Place: **Plant Modification** The plant is in original condition. **References:** ISO31000		
ENTRAPMENT	HIGH 21	MEDIUM 15
Risk Treatments in Place: **Two Operator Exits** The operator cabin/work area on this item of plant has a minimum of two (2) possible exits. These must be functional and accessible at all times whenever the item of plant is manned, whether during operation or maintenance activities. **References:** Work Health & Safety Act & Regulations- , Occupational Health & Safety Act & Regulations		
POOR VISIBILITY, COLLISION	HIGH 21	MEDIUM 15
Risk Treatments in Place: **Windscreen Wipers** The windscreen wipers and washers fitted to this item of plant must be fully functional at all times. **References:** AS/NZS4024.1201		
INCORRECT OPERATION	HIGH 20	MEDIUM 14
Risk Treatments in Place: **Intuitive Controls** The controls fitted to this item of plant are orientated so that the movement of the control is consistent with the action of the machine e.g. moving a control lever to the left results in the machine turning to the left. This design feature must be maintained at all times whilst this item of plant is in operation. **References:** AS/NZS4024.1906		
STRAINS	HIGH 19	LOW 5
Risk Treatments in Place: **Controls Ergonomics** All controls including all levers, buttons, pedals, switches etc, are placed near the operator work position and are easy to reach and operate during the execution of the operator's normal duties. This applies for all persons within the 95th percentile of the normal population distribution. **References:** AS/NZS4024.1901		
INCORRECT OPERATION, SLIPPING	HIGH 17	LOW 6
Risk Treatments in Place: **Control Levers/Pedals/Buttons** All controls including all levers, buttons, pedals, switches etc. must be kept non-slip and free from damage at all times. **References:** AS/NZS4024.1901		
INCORRECT OPERATION, OPERATIONAL MALFUNCTION	MEDIUM 14	MEDIUM 13
Risk Treatments in Place: **Restricted Access Switches** This item of plant is fitted with a device to restrict operators. A code/key must only be given to those that have appropriate experience or training. **References:** AS/NZS4024.1201		
SLIPPING	MEDIUM 12	LOW 6
Risk Treatments in Place: **Operator Work Area Access/Egress** Safe access and egress to the cabin/work area(s) must be maintained at all times whilst this item of plant is in operation. It must be non slip, free from damage, located at a height so as to not cause undue body stresses and strains with three points of contact available to personnel at all times. All personnel must - 1. Always face the item of plant during access and egress. 2. Always maintain three points of contact during access and egress. 3. Never carry an object(s) in his/her hand(s) during access and egress. 4. Never jump off machine. **References:** AS1657		

HAZARD(S)	Prelim. Risk Rating	Residual Risk Rating
FALLING, SLIPPING	MEDIUM 12	LOW 6
Risk Treatments in Place: **Access/Egress Instruction Label** An instruction label is fitted adjacent access/egress areas to advise all personnel of the following - 1. Always face the item of plant during access and egress. 2. Always maintain three points of contact during access and egress. 3. Ensure the steps are clean. 4. Never jump off machine. This label must be clear and legible at all times whilst this item of plant is in operation.		
References: ISO31000		
FALLING, SLIPPING, TRIPPING	MEDIUM 12	LOW 6
Risk Treatments in Place: **Engine Bay Access** Safe access and egress to the engine bay/work area(s) must be maintained at all times whilst this item of plant is in operation. It must be non slip, free from damage, located at a height so as to not cause undue body stresses and strains with three points of contact available to personnel at all times. All personnel must - 1. Always face the item of plant during access and egress. 2. Always maintain three points of contact during access and egress. 3. Never carry an object(s) in his/her hand(s) during access and egress. 4. Never jump off machine.		
References: AS1657		
FIRE, BURNS	MEDIUM 12	LOW 6
Risk Treatments in Place: **Exhaust** The engine exhaust on this item of plant is located/fitted with a guard to prevent injury to any person and control the risk of initiating a fire. Guards must be present, fully functional and serviceable at all times whilst this item of plant is in operation.		
References: AS/NZS4024.1201		
ELECTRIC SHOCK, BURNS	MEDIUM 12	LOW 6
Risk Treatments in Place: **Battery Cover** All batteries fitted to this item of plant are constrained to prevent displacement & fitted with a permanent sturdy cover which allows for ventilation & ensures the terminals are protected. The constraint and cover must be present and fully functional and serviceable at all times whilst this item of plant is in operation.		
References: AS/NZS4024.1201		
FALLING, SLIPPING	MEDIUM 12	LOW 6
Risk Treatments in Place: **Access/Egress Instruction Label - Hopper(s)** An instruction label is fitted adjacent hopper(s) access/egress areas to advise all personnel of the following - 1. Always face the item of plant during access and egress. 2. Always maintain three points of contact during access and egress. 3. Ensure the steps are clean. 4. Never jump off machine. This label must be clear and legible at all times whilst this item of plant is in operation.		
References: ISO31000		
FALLING, SLIPPING	MEDIUM 12	LOW 6
Risk Treatments in Place: **Hopper Access** The access and egress to the hopper is fully functional and serviceable at all times whilst this item of plant is in operation. That is – it is non slip, free from damage with three points of contact available at all times.		
References: AS1657		

HAZARD(S)	Prelim. Risk Rating	Residual Risk Rating
INCORRECT OPERATION, SLIPPING	MEDIUM 9	LOW 4
Risk Treatments in Place: **Work Area Floors** All work area floors are non-slip and free from damage & debris. Floor area must remain non-slip and free from damage & debris, including rubbish, tools and other items, at all times whilst this item of plant is in use.		
References: AS/NZS4024.1201		
NON COMPLIANCE, STRAINS	MEDIUM 9	LOW 1
Risk Treatments in Place: **Operator Seat** The operator seat fitted to this item of plant must remain free from damage and tears, and be permanently and securely fitted at all times.		
References: AS/NZS4024.1401		
HEAT STROKE, DEHYDRATION	MEDIUM 9	LOW 4
Risk Treatments in Place: **Air Conditioning** This item of plant is fitted with an air conditioned cabin. This air conditioned cabin helps control the air quality and temperature for the operator and also provides shade from the sun. The air conditioner must be fully functional and serviceable at all times whilst this item of plant is in operation.		
References: ISO31000		
MAINTENANCE		
CRUSHING, COLLISION	CRITICAL 25	MEDIUM 15
Risk Treatments in Place: **Brakes** The brakes fitted to this item of plant must be fully functional at all times whilst this item of plant is in operation. The brakes must be regularly inspected and tested. These inspections and tests must be documented as part of your plant safety programme.		
References: Australian Design Rules-		
CURRENT OR PREVIOUS STRUCTURAL DAMAGE	CRITICAL 25	MEDIUM 15
Risk Treatments in Place: **Structural Integrity** Regular checks for structural damage must be undertaken. Look for cracks in frames/chassis (current or repaired), bends or damage to structural components, etc.		
References: ISO31000		
INCORRECT OPERATION	HIGH 22	MEDIUM 15
Risk Treatments in Place: **Maintenance Manual** The manufacturer's maintenance manual(s) has been supplied for this item of plant These manual(s) must be available at all times to all users and maintenance staff of this item of plant. All users and maintenance staff must read and be familiar with these handbook(s) prior to maintaining or repairing this item of plant. A complete risk assessment/JSEA must be undertaken covering all inspection, maintenance, servicing and transportation requirements of this piece of plant prior to use. A full assessment of the competence of people using the book(s) must also be undertaken		
References: Work Health & Safety Act & Regulations- , Occupational Health & Safety Act & Regulations		
INSTABILITY, COLLISION	HIGH 22	MEDIUM 15
Risk Treatments in Place: **Tyres** The tyres and wheel components must be inspected as part of a "pre start" checklist. These inspections must be documented as part of your plant safety programme.		
References: ISO31000		

HAZARD(S)	Prelim. Risk Rating	Residual Risk Rating
STRIKING, BURNS	HIGH 22	MEDIUM 15
Risk Treatments in Place: **Hydraulic Damage** The hydraulic hoses to this item of plant are free from damage and protected against damage arising from contact with the plant structure. Ensure that hoses are free from damage and that protection is in place at all times whilst this item of plant is in operation. Inspection of the hydraulic hoses and protection system should be conducted regularly and documented as part of your plant safety programme.		
References: AS4024, ISO4413, AS2671		
OPERATIONAL MALFUNCTION	HIGH 22	LOW 2
Risk Treatments in Place: **Major Fluid Leaks** This item of plant must remain free from leaks at all times whilst in operation (this includes engine, transmission, cooling system, air, fuel, drive line, wheel hubs, steering and hydraulics). Development of a major leak will require this item of plant to be stood-down until repaired. Minor leaks detected must be repaired within 1-14 days.		
References: ISO31000		
OPERATIONAL MALFUNCTION	HIGH 21	MEDIUM 15
Risk Treatments in Place: **Service Records** Service and maintenance records are available for this item of plant. These records must continue to be managed and available at all times as part of your service and maintenance programme. (This programme includes the undertaking of regular inspections of the item of plant with specific reference to all OEM prescribed, scheduled and non scheduled service and maintenance requirements).		
References: Work Health & Safety Act & Regulations- , Occupational Health & Safety Act & Regulations		
POOR VISIBILITY, COLLISION	HIGH 21	MEDIUM 15
Risk Treatments in Place: **Windows & Screens** Ensure the cabin/work area safety glass windows and screens are kept clean and free from cracks and other damage at all times whilst this item of plant is in use.		
References: AS/NZS4024.1201		

SECTION 6 IMAGES AND NOTES

IMAGES

- No Images Available -

NOTES

- No Notes Available -

Ideagen Machine Safety

RISK MANAGEMENT REPORT

TYPE	Tipper	**Report Number**	OI 20251015-1520
MAKE	Isuzu	**Date**	15-Oct-2025
MODEL	FVZ 240-300 6x4	**Created By**	Dylan Thomson
ASSET NUMBER	T09	**Assessor**	Dylan Thomson
REGISTRATION	SB10NL	**Assist. Assessor(s)**	
		Owner	Outside Ideas
		Assessment Purpose	Plant in use
		State	SA

OPERATOR ACKNOWLEDGEMENT

I the undersigned acknowledge that I have read and understand the risk management report described above. I also acknowledge that I have received a copy of this risk management report.

DATE	NAME	COMPANY/POSITION	SIGNATURE