

SUMMARY RISK MANAGEMENT REPORT



TYPE	Tipper
MAKE	Isuzu
MODEL	NLR 45-150
FLEET NUMBER	
SERIAL NUMBER	

Report Number	FL 20240628-1639
Date	28-Jun-2024
Created By	LUKE GRAHAM
Assessor	LUKE GRAHAM
Assist. Assessor(s)	Seona McKay
Completed By	LUKE GRAHAM
Owner	Flexihire Pty Ltd
Assessment Purpose	Hire
State	QLD

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Contains details of the technique used to calculate risk ratings, time frame and risk treatments. Please refer to this information when reviewing and interpreting the information in section 4 & 5

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

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Contains images & any relevant information entered by the assessor

SECTION 1 IMPORTANT INFORMATION

This report generated by Plant Assessor™ © Online Safety Systems on Monday, 25 Aug 2025 9:15 AM

This report pertains to this item of plant as it appeared on the day of inspection.

It is the responsibility of the hirer to conform with the instructions and information contained within this report. Any change in condition of this item of plant should be reported to the hire company immediately.

Any information relating to the standard features have been supplied via the manufacturer and should be used as a guide only until verified.

For further information regarding this report contact Online Safety Systems 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	
		Drawbar	

SECTION 3 RISK ANALYSIS / RISK EVALUATION

RISK ANALYSIS		CONSEQUENCE				
LIKELIHOOD		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	Due Date	References	Risk Treatments Required
DESIGN COMPLIANCE	 CRUSHING, NON COMPLIANCE	HIGH 22	MEDIUM 15	5-Jul-24	AS1418.8, AS/NZS4024.1604	Emergency Stop Device - Tipper Fit emergency stop device adjacent tipping controls.

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.

	HAZARD(S)	Prelim. Risk Rating	Residual Risk Rating	References	Risk Treatments in Place
OPERATION	 COLLISION	MEDIUM 9	LOW 5	ISO31000	Recovery Point Label Hazard warning label fitted adjacent recovery tow point.
	 CRUSHING, COLLISION	MEDIUM 12	LOW 6	ISO7731	Warning Device (horn) Warning device (horn) fitted.
	 CRUSHING, FALLING	HIGH 22	MEDIUM 15	AS1418.8, AS1319	No Riding On Machine Label "No Riding on Machine" hazard warning label fitted.
	 CRUSHING	MEDIUM 14	MEDIUM 13	AS/NZS4024.1201, AS1319-	Crush Zone Crush zone hazard warning labels fitted adjacent all crush zones.
	 ELECTROCUTION	HIGH 22	MEDIUM 15	ISO31000	Electrical Approach Distances Overhead power approach distances label fitted.
	 ENTANGLEMENT, SHEARING, BURNS	MEDIUM 14	MEDIUM 13	AS/NZS4024.1201, AS1319-	Engine Guard Label Rotating, hot and entanglement hazard warning label fitted to engine guard.
	 FIRE	HIGH 21	MEDIUM 15	AS10896.1, AS1851	Fire Extinguisher Approved & maintained fire extinguisher fitted.
	 INCORRECT OPERATION	HIGH 22	MEDIUM 15	Work Health & Safety Act & Regulations- , Occupational Health & Safety Act & Regulations	Operation Handbook The manufacturer's operation handbook has been supplied for this item of plant.

HAZARD(S)		Prelim. Risk Rating	Residual Risk Rating	References	Risk Treatments in Place
	INCORRECT OPERATION	HIGH 22	MEDIUM 15	Work Health & Safety Act & Regulations- , Occupational Health & Safety Act & Regulations	Pre-op Checklist Rigid Tipper Pre-operational checklist available.
	INCORRECT OPERATION	HIGH 22	MEDIUM 15		SOP Tipper Safe Operation Procedures available.
	INCORRECT OPERATION	CRITICAL 24	MEDIUM 15	Work Health & Safety Act & Regulations- , Occupational Health & Safety Act & Regulations	Operator Competency All operators competent.
	INCORRECT OPERATION	HIGH 22	MEDIUM 15	AS/NZS4024.1905	Control Labels All controls labelled appropriately.
	INCORRECT OPERATION, OPERATIONAL MALFUNCTION	HIGH 22	MEDIUM 15	ISO31000, Australian Design Rules-	Drawbar Capacity Label Drawbar capacity label fitted adjacent.
	POISONING, EXPLOSION, BURNS	HIGH 22	MEDIUM 15	Work Health & Safety Act & Regulations- , Occupational Health & Safety Act & Regulations	Tank ID Label All tanks labelled appropriately.
	BURNS	MEDIUM 9	LOW 5	AS/NZS4024.1201	Exhaust Exhaust located away from persons/guards fitted.
	COLLISION	HIGH 22	MEDIUM 11	Australian Design Rules-	Turning, Braking & Presence Lights Functional side and tail lights fitted.
	COLLISION	HIGH 22	MEDIUM 15	AS/NZS4024.1201	Beacon Amber safety beacon fitted.
	COLLISION	CRITICAL 24	MEDIUM 15	Australian Design Rules-	Safety Chain Connection Point Safety chain attachment points fitted.
	CRUSHING, COLLISION	HIGH 22	MEDIUM 15	AS1418.8	Hold To Run Tipping Body Controls Tipping body controls are "hold to run" type.
	CRUSHING, COLLISION	HIGH 22	MEDIUM 15	ISO31000	Loose Items - Operator Work Area All items are securely restrained.
	CRUSHING, ENTANGLEMENT, STRIKING, COLLISION	HIGH 22	MEDIUM 15	AS4024.1603	Neutral Start Neutral start control fitted.
	CRUSHING	HIGH 22	MEDIUM 15	Australian Design Rules-	Seat Belt Operator seat belt fitted.
	CRUSHING	HIGH 22	MEDIUM 15	AS/NZS4024.1401	Passenger Seats Passenger ergonomic damage free seat(s) and seat belt(s) fitted.
	CRUSHING, COLLISION	CRITICAL 24	MEDIUM 15	Australian Design Rules-	Park Brake Fully functional park brake fitted.
	CRUSHING, COLLISION	HIGH 22	MEDIUM 15	ISO7731	Reverse Movement Alarm Automatic reverse movement awareness alarm fitted.
	CRUSHING	HIGH 22	LOW 2	AS/NZS4024.1201	Cabin/Bonnet Support Cabin/bonnet support and instruction label fitted.
	CRUSHING	HIGH 22	LOW 2	AS1418.8	Hydraulic Load Holding Devices - Tippers Load holding devices fitted to load carrying cylinders on this tipping body.
	CRUSHING	HIGH 22	MEDIUM 15	AS1418.8	Tipping Body Prop Safety prop and instruction label fitted to tipping body.

HAZARD(S)	Prelim. Risk Rating	Residual Risk Rating	References	Risk Treatments in Place
 ELECTRIC SHOCK, BURNS	MEDIUM 12	LOW 6	AS/NZS4024.1201	Battery Cover Battery constrained and cover fitted and damage free.
 ENTANGLEMENT	HIGH 22	MEDIUM 15	AS/NZS4024.1601	Engine Guards Engine guards fitted.
 ENTRAPMENT	HIGH 21	MEDIUM 15	Work Health & Safety Act & Regulations- , Occupational Health & Safety Act & Regulations	Two Operator Exits Operator cabin has two accessible exits.
 FALLING, SLIPPING	MEDIUM 12	LOW 6	ISO31000	Access/Egress Instruction Label Safe access/egress instruction label present.
 HEAT STROKE, DEHYDRATION	MEDIUM 9	LOW 4	ISO31000	Air Conditioning Functional air conditioner fitted to operator cabin.
 INCORRECT OPERATION	HIGH 20	MEDIUM 14	AS/NZS4024.1906	Intuitive Controls Controls orientated so that movement of control results in similar movement of machine.
 INCORRECT OPERATION, SLIPPING	HIGH 17	LOW 6	AS/NZS4024.1901	Control Levers/Pedals/Buttons All controls non-slip and free from damage.
 INCORRECT OPERATION, SLIPPING	MEDIUM 9	LOW 4	AS/NZS4024.1201	Work Area Floors Operator floor non-slip and free from damage & debris.
 NON COMPLIANCE, STRAINS	MEDIUM 9	LOW 1	AS/NZS4024.1401	Operator Seat Ergonomic damage free seat fitted.
 OPERATIONAL MALFUNCTION	HIGH 22	LOW 2	ISO31000	Plant Modification Plant is in original condition.
 POOR VISIBILITY, COLLISION	HIGH 22	MEDIUM 15	AS/NZS4024.1201	Operator Mirrors Operator rear view mirrors fitted.
 POOR VISIBILITY, COLLISION	HIGH 21	MEDIUM 15	AS/NZS4024.1201	Windscreen Wipers Functional windscreen wipers & washers fitted.
 POOR VISIBILITY, COLLISION	HIGH 22	MEDIUM 15	Australian Design Rules-	Machine Lights Self contained operational lighting fitted.
 SLIPPING	MEDIUM 12	LOW 6	AS1657	Operator Work Area Access/Egress Safe access/egress for all operator areas present.
 STRAINS	HIGH 19	LOW 5	AS/NZS4024.1901	Controls Ergonomics All controls including all levers, buttons, pedals, switches etc. ergonomically placed.
 STRIKING, BURNS	HIGH 22	MEDIUM 15	AS4024, AS2671	Hydraulic Hoses Hydraulic hoses fitted and must be inspected before each use for wear and tear.
 STRIKING, BURNS	HIGH 22	MEDIUM 15	AS4024, ISO4413, AS2671	Hydraulic Hose Failure Shield Shield(s) fitted to protect against the consequence of hydraulic hose or component failure.

		HAZARD(S)	Prelim. Risk Rating	Residual Risk Rating	References	Risk Treatments in Place
MAINTENANCE		CRUSHING, COLLISION	CRITICAL 25	MEDIUM 15	Australian Design Rules-	Brakes Service brakes fully functional.
		CURRENT OR PREVIOUS STRUCTURAL DAMAGE	CRITICAL 25	MEDIUM 15	ISO31000	Structural Integrity Machine is structurally sound.
		INCORRECT OPERATION	HIGH 22	MEDIUM 15	Work Health & Safety Act & Regulations- , Occupational Health & Safety Act & Regulations	Maintenance Manual The manufacturer's maintenance manual(s) has been supplied for this item of plant.
		INSTABILITY, COLLISION	HIGH 22	MEDIUM 15	ISO31000	Tyres All tyres and wheel components functional.
		OPERATIONAL MALFUNCTION	HIGH 21	MEDIUM 15	Work Health & Safety Act & Regulations- , Occupational Health & Safety Act & Regulations	Service Records Service and maintenance records are available for this item of plant.
		OPERATIONAL MALFUNCTION	HIGH 22	LOW 2	ISO31000	Major Fluid Leaks Machine free from major fluid leaks.
		POOR VISIBILITY, COLLISION	HIGH 21	MEDIUM 15	AS/NZS4024.1201	Windows & Screens
		STRIKING, BURNS	HIGH 22	MEDIUM 15	AS4024, ISO4413, AS2671	Hydraulic Damage All hydraulic hoses free from damage and are protected from damage where required.

SECTION 6 IMAGES AND NOTES

IMAGES

- No Images Available -

NOTES

- No Notes Available -

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MAKE	Isuzu	Date	28-Jun-2024
MODEL	NLR 45-150	Created By	LUKE GRAHAM
FLEET NUMBER		Assessor	LUKE GRAHAM
SERIAL NUMBER		Assist. Assessor(s)	Seona Mckay
		Owner	Flexihire Pty Ltd
		Assessment Purpose	Hire
		State	QLD

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

