

TYPE	Excavator - Small (0 - 9.9 Tonne)
MAKE	Kubota
MODEL	KX080-3
ASSET NUMBER	



Report Number	FL 20250108-1305
Date	08-Jan-2025
Created By	Jesse Leeder
Assessor	Jesse Leeder
Assist. Assessor(s)	
Completed By	Jesse Leeder
Owner	Flexihire Pty Ltd
Assessment Purpose	Hire
State	QLD

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SECTION 1 IMPORTANT INFORMATION

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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	1. Manufacturers specified noise level dBA	
		2. Ambient noise level dBA	
		3. Noise level - Operator position (high idle) dBA	
		4. Noise level - Operator position (low idle) dBA	
		5. Noise level LHS dBA @ m (high idle)	
		6. Noise level Front dBA @ m (high idle)	
		7. Noise level RHS dBA @ m (high idle)	
		8. Noise level Rear dBA @ m (high idle)	
	BUCKET	Standard bucket capacity, SAE rated (m3)	
		Standard bucket width (mm)	
	CAPACITIES	Fuel Tank Capacity (Litres)	
		Hydraulic Oil Tank Capacity (Litres)	
	DIMENSIONS/WEIGHTS	Dig depth to cut 2.44 m level bottom (mm)	
		Digging depth (mm)	4600
		Dump height (mm)	5250
		Ground clearance (mm)	390
		Max depth of vertical wall (mm)	3850
		Maximum Reach Height (mm)	
		Operating weight (kg)	8330
		Tailswing radius (mm)	1460
		Transport Height (mm)	2540
		Transport Length (mm)	6450
	ENGINE	Width (mm)	2200
		Engine Displacement (Litres)	3.331
Engine Hours			
Engine Make & Model		Kubota V3307 DI-T	
Engine Number			
Engine Power (kW@rpm)		49.6@2000	
EXTRAS	Number of Cylinders	4	
	Spare spool for attachments? Yes/No		
HITCH	Quick Hitch Make		
	Quick Hitch Model		
	Quick Hitch Serial No.		
HYDRAULICS	Flow of main pumps (L/Min)	72x2	
	Pump Types	2 x variable, 1 x gear	
	Relief valve pressure, main pumps (Bar)		
PLANT CLASSIFICATIONS	Class		
	Year		
SAFETY STRUCTURES	FOPS Compliance No.		
	FOPS Serial No.		
	ROPS Compliance No.		
	ROPS Serial No.		
TRACKS	Track length on ground (mm)	2300	
	Track pad width (mm)	450	
TRANSMISSION	Speed (km/h)	4.9	
WORK CAPABILITIES	Arm breakout (kgf)	3880	
	Bucket breakout (kgf)	6650	
	Gradeability - Degrees/(%)		

EXTRAS	Reach @ ground level (mm)	7170
	Air Conditioning	
	Bucket - 300mm	
	Bucket - 450mm	
	Bucket - 600mm	
	Bucket - Mud - 1200mm	
	Bucket - Tilt	
	Hitch - Quick	
	Ripper	
	ROPS - Cabin	

SECTION 3 RISK ANALYSIS / RISK EVALUATION

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	Due Date	References	Risk Treatments Required
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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	HIGH 22	MEDIUM 15	AS1319- , ISO31000	Phone Use label Phone use instruction label fitted.
	 COLLISION	MEDIUM 9	LOW 5	ISO31000	Recovery Point Label Hazard warning label fitted adjacent recovery tow point.
	 CRUSHING, COLLISION	MEDIUM 12	LOW 6	ISO7731, ISO9533	Warning Device (horn) Warning device (horn) fitted.
	 CRUSHING, FALLING	HIGH 22	MEDIUM 15	AS1319-	Passenger Seat Label No passengers hazard warning label fitted.
	 CRUSHING	HIGH 22	MEDIUM 15	ISO3471	ROPS Label "Do not cut, weld or drill" label fitted to ROPS.
	 CRUSHING	HIGH 22	MEDIUM 15	AS2294, ISO3471	ROPS seat belt label ROPS fitted seatbelts must be worn label present and legible.
	 CRUSHING, INCORRECT OPERATION	HIGH 21	MEDIUM 15	AS13031	Quick Hitch Information Quick hitch marked with required information.
	 CRUSHING	CRITICAL 24	MEDIUM 15	AS13031	Quick Hitch Movement Quick hitch which will not allow unintended movement of the attachment if the primary retention system fails fitted.
	 CRUSHING	MEDIUM 14	MEDIUM 13	AS1319- , ISO20474-	Front Grader Blade Label Crush zone hazard warning label fitted adjacent front grader blade.
	 CRUSHING, PINCHING	HIGH 21	MEDIUM 15	AS/NZS4024.1201, AS1319-	Swing Boom Crush Label Crush zone hazard warning label fitted adjacent swing boom.
	 CRUSHING, STRIKING, COLLISION	HIGH 19	MEDIUM 14	ISO20474-	Tail Swing Label Keep Clear hazard warning label fitted to rear of machine.
	 ELECTROCUTION	HIGH 22	MEDIUM 15	ISO31000	Electrical Approach Distances Overhead power approach distances label fitted.
	 ELECTROCUTION, EXPLOSION	HIGH 22	MEDIUM 15	ISO31000	Before You Dig (AUS) Before you dig advice hazard warning label fitted.

HAZARD(S)	Prelim. Risk Rating	Residual Risk Rating	References	Risk Treatments in Place	
 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.	
 HEARING LOSS	HIGH 19	MEDIUM 14	AS3781-, AS/NZS1269	Hearing Protection Label - Operator Hearing protection hazard warning labels fitted to operator work area.	
 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.	
 INCORRECT OPERATION	HIGH 22	MEDIUM 15	AS13031	Quick Hitch Operation Handbook The manufacturer's operation handbook has been supplied for this quick hitch.	
 INCORRECT OPERATION	HIGH 22	MEDIUM 15	Work Health & Safety Act & Regulations-, Occupational Health & Safety Act & Regulations	Pre-op Checklist Excavator Pre-operational checklist available.	
 INCORRECT OPERATION	HIGH 22	MEDIUM 15	Work Health & Safety Act & Regulations-, Occupational Health & Safety Act & Regulations	SOP Excavator 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.	
 INSTABILITY, CRUSHING	HIGH 21	MEDIUM 15	AS1418.8	Boom Rated Capacity Label Boom fitted with rated capacity labels.	
 INSTABILITY, CRUSHING	HIGH 21	MEDIUM 15	AS1418.8	Boom Lifting Point Table Boom load chart fitted adjacent operator.	
 POISONING, EXPLOSION, BURNS	HIGH 22	MEDIUM 15	Work Health & Safety Act & Regulations-, Occupational Health & Safety Act & Regulations	Tank ID Label All tanks labelled appropriately.	
DESIGN COMPLIANCE	 BURNS	MEDIUM 9	LOW 5	AS/NZS4024.1201	Exhaust Exhaust located away from persons/guards fitted.
	 COLLISION	HIGH 22	MEDIUM 15	ISO20474-	Beacon Amber safety beacon fitted.
	 CRUSHING	CRITICAL 24	MEDIUM 15	AS13031	Fully Automatic Quick Hitch Fully automatic quick hitch fitted.
	 CRUSHING, COLLISION	HIGH 22	MEDIUM 15	ISO31000	Loose Items - Operator Work Area All items are securely restrained.
	 CRUSHING, NON COMPLIANCE	HIGH 22	MEDIUM 15	ISO10968	Control Lock out Device fitted to isolate the primary operator controls.
	 CRUSHING, ENTANGLEMENT, STRIKING, COLLISION	HIGH 22	MEDIUM 15	AS4024.1603	Neutral Start Neutral start control fitted.
	 CRUSHING	HIGH 22	MEDIUM 15	ISO6683	Seat Belt Operator seat belt fitted.
	 CRUSHING	HIGH 22	MEDIUM 15	ISO7731, ISO9533	Movement Awareness Alarm Functional movement awareness alarm fitted.
	 CRUSHING	HIGH 22	MEDIUM 15	AS13031	Quick Hitch Controls Device fitted to prevent accidental actuation of quick hitch.

	HAZARD(S)	Prelim. Risk Rating	Residual Risk Rating	References	Risk Treatments in Place
	CRUSHING	HIGH 21	MEDIUM 15	AS4987, AS2294, ISO3471	ROPS Compliant damage free ROPS fitted.
	CRUSHING	HIGH 21	LOW 5	ISO10262	FOPS General Compliant damage free Falling Object Structure (FOPS) fitted.
	CRUSHING	HIGH 22	MEDIUM 15	AS13031	Quick Hitch Operation Alarm Quick hitch operation alarm fitted.
	CRUSHING	HIGH 21	LOW 5	AS2294, ISO3449, ISO10262	FOPS Level II
	CRUSHING, ENTANGLEMENT, SHEARING, BURNS, PINCHING	HIGH 22	MEDIUM 15	AS/NZS4024.1201	Safe Operator Location Operator is isolated from danger/hazard zones.
	CRUSHING	CRITICAL 24	MEDIUM 15	AS13031	Automatic(Quick) Hitch Fully compliant quick hitch safety device fitted.
	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	AS5327	Two Operator Exits Operator cabin has two accessible exits.
	ENTRAPMENT	HIGH 21	MEDIUM 15	ISO31000	Emergency Exits Emergency exits labelled and functional.
	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, ISO20474-	Work Area Floors Operator floor non-slip and free from damage & debris.
	NON COMPLIANCE, STRAINS	MEDIUM 9	LOW 1	AS/NZS4024.1401, ISO20474-	Operator Seat Ergonomic damage free seat fitted.
	OPERATIONAL MALFUNCTION	HIGH 22	LOW 2	ISO31000	Plant Modification Plant is in original condition.
	POOR VISIBILITY, COLLISION	MEDIUM 12	MEDIUM 11	ISO5006	Operator Mirror Operator rear view mirror 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	ISO20474-	Machine Lights Self contained operational lighting fitted.

	HAZARD(S)	Prelim. Risk Rating	Residual Risk Rating	References	Risk Treatments in Place
	 SLIPPING	MEDIUM 12	LOW 6	AS5327	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.
MAINTENANCE	 CRUSHING	HIGH 22	MEDIUM 15	AS2294, ISO3471	ROPS Damage ROPS damage free.
	 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	MEDIUM 9	LOW 4	ISO20474-	Tracks All tracks and track components damage free.
	 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, ISO20474-	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 -

