

TYPE	Lawn Mower - Front Deck/Zero Turn
MAKE	John Deere
MODEL	Z425 EZtrak™
SERIAL NUMBER	1GXZ425BHFF172430

Report Number	OSS 20210210-0902
Date	10-Feb-2021
Created By	Geoff Gleeson
Assessor	Geoff Gleeson
Assist. Assessor(s)	
Agent	Mannes Agencies
Lot Number	66
Location	Farm 47
Assessment Purpose	Sale
State	NSW

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SECTION 1 IMPORTANT INFORMATION

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This Risk Management Report has been prepared for -

(insert recipient name/company name)

This document has been prepared to cover the sale or transfer of this item of plant between the Company identified on the front cover and their named recipient. This report must not be used for any subsequent sale or transfer.

This document is provided to meet duty of care obligations as set out in relevant state and territory health and safety regulations for the supply of plant and the sale and transfer of plant.

The safety hazards associated with the operating and maintaining of this item of plant have been identified as far as practical by visual inspection. This item of plant is being sold in an "as-is" condition with known and unknown safety hazards. 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.

This document is not intended to provide information on, nor warrant the mechanical, electrical or structural condition of this item of plant. Any information on standard features have been supplied through the manufacturer and should be used as a guide only until otherwise verified.

This item of plant should be further assessed, tested and inspected or dismantled as necessary to gauge any further hazards and /or risks relating to SPECIFIC WORKPLACE USE, which are currently unknown, in accordance with relevant standards, regulations and acts.

Under common law and relevant state and territory health and safety acts, regulations and codes of practice, there is a requirement for the plant owner, employer and operator to exercise a duty of care in the safe operation and maintenance of plant. Accordingly before this item of plant is supplied to, or used at any workplace it must be inspected to ensure it is in a fully operational, safe and serviceable condition and that operators and maintenance personnel are appropriately trained in the use & maintenance of this item of plant.

For further information regarding this report contact Online Safety Systems on 1300 72 88 52

SECTION 2 MACHINE DETAILS

- NOISE TEST RESULTS	
Operator Sound Level (dBA)	
BLADE	
No of blades	
BRAKES	
Brake Type	
CAPACITIES	
Fuel Tank Capacity (Litres)	
DIMENSIONS/WEIGHTS	
Cut height	
Cut width	
Dry Weight (kg)	
Height	
Length (mm)	
Weight (kgs)	
DRIVES	
Drive Configuration	

ENGINE	
Engine Hours	
Engine Make	
Engine No Cylinders/Cc	
Engine Number	
Engine Power kW/(Hp)	
EXTRAS	
Cruise Control	
ROPS Cab	
ROPS Frame Only	
ROPS/Seatbelt	
GENERAL	
Lift Mechanism	
Ranges	
PTO	
PTO kw/(hp)	
STEERING	
Steering Type	
TRANSMISSION	
High-Low/Shuttle	
Speed Min To Max	
Transmission	
TYRES	
Standard Front Tyre Size	
Standard Rear Tyre Size	
Turf Front Tyres	
Turf Rear Tyres	

SECTION 3 RISK ANALYSIS / RISK EVALUATION







RISK ANALYSIS		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
LIKELIHOOD	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 with 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 with 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. <small>(source AS/NZS ISO 31000:2009)</small>	
	Eliminate	Eliminate the risk source.
	Substitute	Provide an alternative that is capable of performing the same task which is safer.
	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
DELIVERY						
 CRUSHING	HIGH 22	MEDIUM 15	1 Week	17-Feb-21		
<p>Risk Treatment Required: SWMS Loading/Unloading</p> <p>Source or develop guidelines for loading and unloading this machine to and from a flat top truck or trailer, low loader or tilt tray.</p> <p>Once developed, ensure that all operators follow approved SWMS/SOP when loading and unloading this machine to and from a flat top truck or trailer, low loader or tilt tray.</p> <p>References: Occupational Health & Safety Act & Regulations, Work Health & Safety Act & Regulations-</p>						
 CRUSHING	HIGH 22	MEDIUM 15	1 Week	17-Feb-21		
<p>Risk Treatment Required: SWMS Load Restraint</p> <p>Source or develop transport restraining guidelines for this machine.</p> <p>Once developed, ensure that all operators follow the approved SWMS/SOP when restraining this machine for transport.</p> <p>References: Occupational Health & Safety Act & Regulations, Work Health & Safety Act & Regulations-</p>						
OPERATION						
 INCORRECT OPERATION	CRITICAL 24	MEDIUM 15	Immediate	10-Feb-21		
<p>Risk Treatment Required: Operator Competency</p> <p>Only persons who are qualified, trained and experienced and/or hold the relevant certification/license can operate this item of plant. If there is not a competent/licensed person available for operation of this item of plant then only persons who are supervised by a competent/licensed person can operate this item of plant.</p> <p>Legislation: State Health & Safety Legislation & Regulation</p> <p>References: Occupational Health & Safety Act & Regulations, Work Health & Safety Act & Regulations-</p>						
 BURNS, EXPLOSION, POISONING	HIGH 22	MEDIUM 15	1 Week	17-Feb-21		
<p>Risk Treatment Required: Tank ID Label</p> <p>Ensure 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. Once attached these must be present, clear and legible at all times. (this includes radiator, hydraulic and petrol/diesel tanks)</p> <p>Legislation: State Health & Safety Legislation & Regulation</p> <p>References: Occupational Health & Safety Act & Regulations, Work Health & Safety Act & Regulations-</p>						
 INCORRECT OPERATION	HIGH 22	MEDIUM 15	1 Week	17-Feb-21		
<p>Risk Treatment Required: Pre-op Checklist Lawn Mower - Front Deck/Zero Turn</p> <p>Source or develop a pre-operational checklist for this Lawn Mower - Front Deck/Zero Turn. (Pre-op checklist available via the Custom Reports section of Plant Assessor)</p> <p>References: Occupational Health & Safety Act & Regulations, Work Health & Safety Act & Regulations-</p>						
 INCORRECT OPERATION	HIGH 22	MEDIUM 15	1 Week	17-Feb-21		
<p>Risk Treatment Required: SOP Lawn Mower - Front Deck/Zero Turn</p> <p>Source or develop Safe Operation Procedures for this Lawn Mower - Front Deck/Zero Turn. (Safe Operation Procedures are available via the Custom Reports section of Plant Assessor)</p> <p>References: AS3792.1, Occupational Health & Safety Act & Regulations, Work Health & Safety Act & Regulations-</p>						






HAZARD(S)	Prelim. Risk Rating	Residual Risk Rating	Time Frame	Due Date	Date Rectified	Initial
OPERATION						
 INCORRECT OPERATION	HIGH 22	MEDIUM 15	1 Week	17-Feb-21		
<p>Risk Treatment Required: Operation Handbook</p> <p>The manufacturer's operation handbook is not available for this item of plant. A full assessment of the competence of operators must also be undertaken.</p> <p>This handbook must be sourced and made available to all operators and maintenance staff at all times as a requirement of current legislation. If Operation handbook cannot be sourced the operation manual must be developed by a competent person. All personnel who may operate this item of plant must read and be familiar with this handbook prior to operating.</p> <p>Legislation: State Health & Safety Legislation & Regulation</p> <p>References: Occupational Health & Safety Act & Regulations, Work Health & Safety Act & Regulations-</p>						
 FIRE	HIGH 21	MEDIUM 15	1 Week	17-Feb-21		
<p>Risk Treatment Required: Fire Extinguisher</p> <p>No fire extinguishers are installed on this item of plant. Fire extinguisher(s) to AS 1841 must be present and fully functional and serviceable 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</p> <p>Legislation: State Health & Safety Legislation & Regulation</p> <p>References:</p>						
 ENTANGLEMENT, PINCHING, SHEARING	HIGH 19	MEDIUM 13	1 Week	17-Feb-21		
<p>Risk Treatment Required: Guarding Label</p> <p>Ensure the belts, pulleys and gears are guarded. These guards must have a hazard warning label which states that the guard must not be opened unless the engine is not running and all moving parts behind have stopped. These guards and labels must be present and fully functional at all times whilst this item of plant is in operation.</p> <p>Legislation: State Health & Safety Legislation & Regulation</p> <p>References: AS/NZS4024.1201</p> <p>Assessor Comments: Deck drive belts not guarded.</p>						
 HEARING LOSS	HIGH 19	MEDIUM 14	1 Week	17-Feb-21		
<p>Risk Treatment Required: Hearing Protection Label - Operator</p> <p>Prior to operating this item of plant a sound pressure level test must be conducted at the operator work area. If SPL > 85 dB(A) then hazard warning labels re: wearing of hearing protection must be attached. Tools and small items of plant require as large a label as practicable, all other items of plant must have a 50mm label to the operator's console. Once attached these labels must be present, clear and legible at all times whilst this item of plant is in operation.</p> <p>Legislation: State Health & Safety Legislation & Regulation</p> <p>References: AS/NZS1269, AS3781-</p>						
DESIGN COMPLIANCE						
 COLLISION	HIGH 22	MEDIUM 15	1 Week	17-Feb-21		
<p>Risk Treatment Required: Beacon</p> <p>A 55 watt amber rotating safety beacon or strobe light must be fitted to this item of plant prior to operation which meets the following criteria during normal daylight -</p> <ul style="list-style-type: none"> - 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 <p>NOTE: more than one beacon may need to be fitted to meet these criteria</p> <p>Once fitted this beacon must be fully functional at all times whilst the item of plant is in operation</p> <p>Legislation: State Health & Safety Legislation & Regulation</p> <p>References: AS/NZS4024.1201</p>						







HAZARD(S)	Prelim. Risk Rating	Residual Risk Rating	Time Frame	Due Date	Date Rectified	Initial
DESIGN COMPLIANCE						
 COLLISION, POOR VISIBILITY	HIGH 22	MEDIUM 15	1 Week	17-Feb-21		
<p>Risk Treatment Required: Machine Lights</p> <p>This item of plant is not fitted with self contained lighting such as head lights, reversing lights, front and rear lighting to the work area, lighting to the operator controls and work areas. Appropriate self contained lighting must be fitted prior to any night or reduced light conditions operation.</p> <p>Once fitted these lights must be fully functional and serviceable at all times whilst this item of plant is in operation.</p> <p>References: AS/NZS2153</p>						
 COLLISION, POOR VISIBILITY	MEDIUM 12	MEDIUM 11	1 Month	12-Mar-21		
<p>Risk Treatment Required: Operator Mirrors</p> <p>At least two (2) operator rear view mirrors must be fitted to this item of plant prior to operation. These mirrors must be ergonomically placed to enable the operator clear view around the item of plant. Once fitted they must be fully functional and correctly maintained 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.</p> <p>Legislation: State Health & Safety Legislation & Regulation.</p> <p>References: AS/NZS4024.1201</p>						
MAINTENANCE						
 INCORRECT OPERATION	HIGH 22	MEDIUM 15	1 Week	17-Feb-21		
<p>Risk Treatment Required: Maintenance Manual</p> <p>The manufacturer's maintenance manual(s) are not available for this item of plant</p> <p>These manuals must be sourced and made freely available to all persons carrying out maintenance activities as a requirement of current legislation. If these manuals cannot be sourced, the maintenance manual(s) must be developed by a competent person, and then made available to all relevant persons.</p> <p>Legislation: State Health & Safety Legislation & Regulation</p> <p>References: Occupational Health & Safety Act & Regulations, Work Health & Safety Act & Regulations-</p>						
 OPERATIONAL MALFUNCTION	HIGH 21	MEDIUM 15	1 Week	17-Feb-21		
<p>Risk Treatment Required: Service Records</p> <p>Service and maintenance records are not available for this item of plant.</p> <p>This risk assessment will form the basis of your records for this item of plant. Service and maintenance records must be developed and maintained as part of your plant safety management programme. This includes regular inspections re: the general condition of the item of plant including (but not limited to) tyre condition, oil levels and wear and tear on critical items such as brakes and steering, etc. All OEM prescribed, scheduled and non scheduled maintenance must also be documented as part of these records.</p> <p>Legislation: State Health & Safety Legislation & Regulation</p> <p>References: Occupational Health & Safety Act & Regulations, Work Health & Safety Act & Regulations-</p>						








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
OPERATION		
 INCORRECT OPERATION	HIGH 22	MEDIUM 15
<p>Risk Treatment In Place: Control Labels</p> <p>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.</p>		

HAZARD(S)	Prelim. Risk Rating	Residual Risk Rating
OPERATION		
References: AS/NZS4024.1905		
 CRUSHING, FALLING	HIGH 22	MEDIUM 15
Risk Treatment In Place: Passenger Seat Label		
This item of plant is fitted with a clear hazard warning label re: Operator only, No passengers. Passengers must not be carried at anytime. This label must be clear and legible at all times whilst this item of plant is in operation.		
Legislation: State Health & Safety Legislation & Regulation		
References: AS1319-		
 BURNS, EXPLOSION, POISONING	HIGH 22	MEDIUM 15
Risk Treatment In Place: Engine		
Review Safe Operation Procedures to ensure the existence of the following:		
FUEL COMBUSTION ENGINES SAFE OPERATION PROCEDURES		
<ol style="list-style-type: none"> 1. Switch off the engine before refueling. 2. NEVER smoke in the vicinity of, and keep sources of sparks away from, any flammable liquid or fuel. 3. Let the engine cool down before refueling. 4. Fuels can contain substances similar to solvents. Eyes and skin should not come in contact with mineral oil products. Always wear protective gloves when refueling (not regular work gloves!). Frequently clean and change protective clothes. Do not breathe in fuel vapours. Inhalation of fuel vapours can be hazardous to your respiratory health. 5. Use extreme care when filling fuel tanks. 6. Exercise care not to spill fuel. If a spill over the engine occurs, clean and dry the engine immediately. Fuel should not come in contact with clothes. If your clothes have become contaminated with fuel, change out of them at once. Undertake refilling operations over a non porous surface such as concrete or preferably within a bunded area to avoid spilling fuel on the ground (environmental protection). 7. Do not refuel any fuel tank or container in a closed unventilated area. Without effective ventilation, fuel vapours will accumulate near the floor creating a risk of explosion and/or causing dizziness and possible unconsciousness in nearby persons. 8. Ensure to correctly fit and firmly tighten the screw cap of the fuel tank. 9. Before starting the engine, move to a location at least 3 metres from where you fuelled the engine. 10. Fuel cannot be stored for an unlimited period of time. Buy only as much as will be consumed in the short term. 11. When making up the fuel/oil mixture (2-stroke engines only), always put the oil in the mixing container first, and then the fuel. 12. Use only approved and appropriately marked containers for the transport and storage of fuel. 13. Keep children away from fuel, fuel storage and operating machinery! 14. Where possible, keep an appropriate fire extinguisher nearby during operations utilising flammable liquids. 15. Never operate an internal combustion engine inside your home, basement, garage or any other enclosed area. The engine needs a minimum of 1 to 2 metres of spacing on all sides (including the top). An engine needs an unlimited supply of fresh air for proper cooling during operation. 16. Properly locate the engine outdoors away from doors and windows. An open door or window will allow dangerous exhaust fumes to enter the building. Since combustion engines create carbon monoxide, which can be lethal, good ventilation is critical. Keep the engine dry and always operate it on a level surface. 		
References: Occupational Health & Safety Act & Regulations, Work Health & Safety Act & Regulations-		
 CRUSHING, CUTTING	HIGH 19	MEDIUM 14
Risk Treatment In Place: Cutting, Crushing and Shearing		
The cutting deck of this item of plant has hazard warning label re: cutting, crushing and shearing, keep feet and hands clear. These labels must be present and fully functional and serviceable at all times.		
References: AS/NZS4024.1201, AS1319-		
 BURNS	MEDIUM 12	MEDIUM 12
Risk Treatment In Place: Open Cabin		
Dust, exhaust fumes, chemical fumes, sunstroke and sunburn pose serious risk to the operator both short and long term. The appropriate controls for all of these hazards must always be available whilst this item of plant is in operation. If these controls e.g. hats, sunscreen, dust masks etc are not available then operation of this item of plant must cease until these are made available to all operators.		
References: ISO31000		
 STRIKING	MEDIUM 12	MEDIUM 11
Risk Treatment In Place: Striking Label		
The rear/side of this item of plant has a hazard warning label re: flying objects, stand clear. These labels must be present and fully functional and serviceable at all times.		
References: AS1319-		

HAZARD(S)	Prelim. Risk Rating	Residual Risk Rating
DESIGN COMPLIANCE		
 BURNS, STRIKING	HIGH 22	MEDIUM 15
<p>Risk Treatment In Place: Hydraulic Hoses</p> <p>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.</p> <p>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.</p> <p>Hydraulic pressure can be stored and is a hazard. Before disconnection or connection of hydraulic hoses complete the following steps -</p> <ol style="list-style-type: none"> 1. Stop engine 2. Keep all bystanders clear of the work area 3. Refer to operators manual as to methods to release pressure 4. Wait 5 minutes <p>References: AS2671, AS4024</p>		
 COLLISION, CRUSHING, ENTANGLEMENT, STRIKING	HIGH 22	MEDIUM 15
<p>Risk Treatment In Place: Neutral Start</p> <p>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.</p> <p>References: AS4024.1603</p>		
 COLLISION, CRUSHING	CRITICAL 24	MEDIUM 15
<p>Risk Treatment In Place: Park Brake</p> <p>This item of plant is fitted with a fully functional park (hand) brake which meets the following requirements –</p> <ol style="list-style-type: none"> 1. Is separate to the service brakes 2. Has a device which maintains the brake in the on position until intentionally disengaged & 3. Requires at least two separate and distinct movements to disengage the park brake. <p>The park brake must be regularly inspected and tested. These inspections and tests must be documented as part of your plant safety programme.</p> <p>References: ISO31000</p>		
 ENTANGLEMENT	HIGH 22	MEDIUM 15
<p>Risk Treatment In Place: Engine Guards</p> <p>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.</p> <p>References: AS/NZS4024.1601</p>		
 INCORRECT OPERATION	HIGH 20	MEDIUM 14
<p>Risk Treatment In Place: Intuitive Controls</p> <p>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.</p> <p>References: AS/NZS4024.1906</p>		
 INCORRECT OPERATION, OPERATIONAL MALFUNCTION	MEDIUM 14	MEDIUM 13
<p>Risk Treatment In Place: Restricted Access Switches</p> <p>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.</p> <p>References: AS/NZS4024.1201</p>		

HAZARD(S)	Prelim. Risk Rating	Residual Risk Rating
DESIGN COMPLIANCE		
 CUTTING	MEDIUM 14	MEDIUM 13
<p>Risk Treatment In Place: Engine Cut-out Switch</p> <p>This item of plant is fitted with an engine cut-out switch which meets the following requirements -</p> <ol style="list-style-type: none"> 1. Is operable from the normal operator position and 2. Continues to remain effective in any position this item of plant may be placed in (This switch may be the start/stop key, please see the assessor comments section for this question) <p>This switch must be fully operational at all times whilst this item of plant is in operation.</p> <p>References: AS3792.1</p>		
 STRIKING	HIGH 22	MEDIUM 11
<p>Risk Treatment In Place: Ejection Chute Shroud</p> <p>This item of plant is fitted with a shroud covering all areas where objects can be ejected while this item of plant is in operation. These must be present and fully functional and serviceable at all times whilst this item of plant is in operation.</p> <p>References: AS/NZS4024.1201</p>		
 SLIPPING	MEDIUM 12	LOW 6
<p>Risk Treatment In Place: Operator Work Area Access/Egress</p> <p>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.</p> <p>All personnel must -</p> <ol style="list-style-type: none"> 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. <p>References: AS1657</p>		
 INCORRECT OPERATION, SLIPPING	HIGH 17	LOW 6
<p>Risk Treatment In Place: Control Levers/Pedals/Buttons</p> <p>All controls including all levers, buttons, pedals, switches etc. must be kept non-slip and free from damage at all times.</p> <p>References: AS/NZS4024.1901</p>		
 CUTTING, ENTANGLEMENT, SHEARING	HIGH 19	LOW 6
<p>Risk Treatment In Place: Operator Presence Device</p> <p>This item of plant is fitted with an operator sensing device which automatically stops the engine and blade rotation when the operator leaves the normal operating position. This device must be present at all times whilst this item of plant is in operation.</p> <p>References: AS3792.1</p>		
 BURNS, ELECTRIC SHOCK	MEDIUM 12	LOW 6
<p>Risk Treatment In Place: Battery Cover</p> <p>All batteries fitted to this item of plant are constrained to prevent displacement & fitted with a permanent sturdy cover which allows for ventilation. The constraint and cover must be present and fully functional and serviceable at all times whilst this item of plant is in operation.</p> <p>References: AS/NZS4024.1201</p>		
 STRAINS	HIGH 19	LOW 5
<p>Risk Treatment In Place: Controls Ergonomics</p> <p>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.</p> <p>References: AS/NZS4024.1901</p>		

HAZARD(S)	Prelim. Risk Rating	Residual Risk Rating
DESIGN COMPLIANCE		
 BURNS	MEDIUM 9	LOW 5
<p>Risk Treatment In Place: Exhaust</p> <p>The engine exhaust on this item of plant is fitted with a guard to prevent injury to any person and control the risk of initiating a fire. It must be present and fully functional and serviceable at all times whilst this item of plant is in operation.</p> <p>References: AS/NZS4024.1201</p>		
 INCORRECT OPERATION, SLIPPING	MEDIUM 9	LOW 4
<p>Risk Treatment In Place: Operator Floor</p> <p>All work area floors are non-slip and free from damage & debris.</p> <p>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.</p> <p>References: AS/NZS2153, AS/NZS4024.1201</p>		
 OPERATIONAL MALFUNCTION	HIGH 22	LOW 2
<p>Risk Treatment In Place: Plant Modification</p> <p>The plant is in original condition.</p> <p>References:</p>		
 STRAINS	MEDIUM 9	LOW 1
<p>Risk Treatment In Place: Operator Seat</p> <p>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.</p> <p>References: AS/NZS2153, AS/NZS4024.1401</p>		
MAINTENANCE		
 COLLISION, INSTABILITY	HIGH 22	MEDIUM 15
<p>Risk Treatment In Place: Tyres</p> <p>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.</p> <p>References: ISO31000</p>		
 BURNS, STRIKING	HIGH 22	MEDIUM 15
<p>Risk Treatment In Place: Hydraulic Damage</p> <p>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.</p> <p>References: AS2671, AS4024, ISO4413</p>		
 CURRENT OR PREVIOUS STRUCTURAL DAMAGE	CRITICAL 25	MEDIUM 15
<p>Risk Treatment In Place: Structural Integrity</p> <p>Regular checks for structural damage must be undertaken. Look for cracks in frames/chassis (current or repaired), bends or damage to structural components, etc.</p> <p>References:</p>		
 OPERATIONAL MALFUNCTION	HIGH 22	LOW 2
<p>Risk Treatment In Place: Major Fluid Leaks</p> <p>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.</p> <p>References: ISO31000</p>		

SECTION 6 IMAGES AND NOTES



TYPE	Lawn Mower - Front Deck/Zero Turn	Report Number	OSS 20210210-0902
MAKE	John Deere	Date	10-Feb-2021
MODEL	Z425 EZtrak™	Created By	Geoff Gleeson
SERIAL NUMBER	1GXZ425BHFF172430	Assessor	Geoff Gleeson
		Assist. Assessor(s)	
		Agent	Mannes Agencies
		Lot Number	66
		Location	Farm 47
		Assessment Purpose	Sale
		State	NSW

PURCHASER 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. I also acknowledge that I am authorised to sign on behalf of the purchaser.

Name _____
Company Name _____
Position _____
Signature _____
Date _____

The manufacturer's operational & maintenance handbooks have been supplied,
(circle one) YES NO (initial) _____

Please transfer this assessment to my Plant Assessor membership as a (circle one) HIRE / PLANT IN USE assessment.
My Plant Assessor username is _____

