

<b>TYPE</b>	Tractor - Rigid
<b>MAKE</b>	John Deere
<b>MODEL</b>	8270R
<b>SERIAL NUMBER</b>	1RW8270RPJS135302
<b>REGISTRATION</b>	93710D

<b>Report Number</b>	OSS 20210209-1552
<b>Date</b>	9-Feb-2021
<b>Created By</b>	Geoff Gleeson
<b>Assessor</b>	Geoff Gleeson
<b>Assist. Assessor(s)</b>	
<b>Agent</b>	Mannes Agencies
<b>Lot Number</b>	01
<b>Location</b>	10 Kingfisher Ave Coly
<b>Assessment Purpose</b>	Sale
<b>State</b>	NSW

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## SECTION 1 IMPORTANT INFORMATION

This report generated by Plant Assessor™ © Online Safety Systems on Wednesday 10 Feb 2021 8:41 PM

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	
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)	
3PL	
3PL	std/
3PL Category	2/3N
3PL Draft Sensing	Lower elect.
3PL Lift Kg @ Position	6259kg@+610
BRAKES	
Brake Type	Wet disc
DIMENSIONS/WEIGHTS	
Dry Weight (kg)	
Max Operating Weight (kg)	



**Make** John Deere  
**Model** 8270R  
**Type** Tractor - Rigid

**Serial Number**  
**Assessed By**  
**Date**

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Geoff Gleeson  
9-Feb-2021

DIMENSIONS/WEIGHTS	
Min width (mm)	
Turning Circle (mm - no brakes)	
Weight (kgs)	
DRIVES	
Drive Configuration	MFWD
ENGINE	
Engine Hours	
Engine Make & Model	John Deere
Engine No Cylinders/Cc	6/9000
Engine Number	
Engine Power kW/(Hp)	261 hp [194.6 kW]
Max torque	
Power rating RPM	2100
EXTRAS	
A/C	std/
Front Linkage	
Remotes Standard/Max	
ROPS Cab	
ROPS Frame Only	
GENERAL	
Electronic Monitor - Engine Functions	
Electronic Monitor - Hectares/Hour	
Electronic Monitor - Wheel Slip	
Max torque (Nm at RPM)	
Odometer	
Power rating standard	
HYDRAULICS	
Hydraulic Pump Type	
Hydraulic System	Closed centre
Hydraulics Max Pressure	2900 psi [200.0 bar]
PTO	
Front PTO	
Mid PTO	
PTO ground speed / 540E	
PTO kw/(hp)	220 hp [164.1 kW]
PTO rating source	
PTO speed selection method	Electronic
PTO speeds	540
PTO speeds 2	1000
PTO type	Independent
Rear PTO	std/
RETAIL \$	
New Price	
New Price Date	
SAFETY STRUCTURES	
FOPS Serial No.	
ROPS Serial No.	
STEERING	
Steering Type	Hydrostatic power
TRANSMISSION	
Clutch	Wet
Gears Fwd/Rev	16 forward and 4 reverse
High-Low/Shuttle	
Speed Min To Max	1.9-39.7 km/h
Transmission	PowerShift

TRANSMISSION	
Transmission Type	Full power shift
TYRES	
Standard Front Tyre Size	420/90R30
Standard Rear Tyre Size	480/80R46
Turf Front Tyres	
Turf Rear Tyres	
EXTRAS	
3 PTL	
Air Conditioning	
Drawbar	
Front Weights	
PTO - Rear	
Rear Remotes	
Rear wheel weights	
ROPS - Cabin	

## 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
<b>DELIVERY</b>						
 <b>CRUSHING</b>	HIGH 22	MEDIUM 15	1 Week	16-Feb-21		
<p><b>Risk Treatment Required: SWMS Loading/Unloading</b></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><b>References:</b> Occupational Health &amp; Safety Act &amp; Regulations, Work Health &amp; Safety Act &amp; Regulations-</p>						
 <b>CRUSHING</b>	HIGH 22	MEDIUM 15	1 Week	16-Feb-21		
<p><b>Risk Treatment Required: SWMS Load Restraint</b></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><b>References:</b> Occupational Health &amp; Safety Act &amp; Regulations, Work Health &amp; Safety Act &amp; Regulations-</p>						
<b>OPERATION</b>						
 <b>INCORRECT OPERATION</b>	CRITICAL 24	MEDIUM 15	Immediate	09-Feb-21		
<p><b>Risk Treatment Required: Operator Competency</b></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 &amp; Safety Legislation &amp; Regulation</p> <p><b>References:</b> Occupational Health &amp; Safety Act &amp; Regulations, Work Health &amp; Safety Act &amp; Regulations-</p>						
 <b>ELECTROCUTION</b>	HIGH 22	MEDIUM 15	1 Week	16-Feb-21		
<p><b>Risk Treatment Required: Electrical Approach Distances</b></p> <p>Attach a clear hazard warning label re: overhead electrical hazards and minimum approach distances adjacent operator work areas and any access to the top of the item of plant. These distances must be adhered to strictly. Once fitted these labels and tables must be present, clear and legible at all times.</p> <p>Spotters are required when working within 5 metres of the minimum approach distance of any live electrical apparatus.</p> <p>Any encroach within the minimum approach distances must only occur if the following provisions have been met -</p> <ol style="list-style-type: none"> <li>1. The machine is designed to work within the minimum approach distances</li> <li>2. Permission has been granted by the electricity company</li> <li>3. Safe systems of work have been documented and approved</li> </ol> <p>Legislation: State Health &amp; Safety Legislation &amp; Regulation</p> <p><b>References:</b> ISO31000</p>						
 <b>CRUSHING, FALLING</b>	HIGH 22	MEDIUM 15	1 Week	16-Feb-21		
<p><b>Risk Treatment Required: Passenger Seat Label</b></p> <p>Ensure that a clear hazard warning label re: Operator only, No passengers is fitted to the operator area of this item of plant. Passengers must not be carried at anytime. Once fitted this label must be clear and legible at all times whilst this item of plant is in operation.</p> <p><b>References:</b> AS1319-</p> <p><b>Assessor Comments:</b> Fitted with a training seat which is intended for limited use for training or diagnostic purposes only and must not be used to carry passengers. An accident could result in serious injury or death to the occupant of the training seat.</p>						

HAZARD(S)	Prelim. Risk Rating	Residual Risk Rating	Time Frame	Due Date	Date Rectified	Initial
<b>OPERATION</b>						
 <b>INCORRECT OPERATION</b>	HIGH 22	HIGH 21	1 Week	16-Feb-21		
<p><b>Risk Treatment Required: Intended Purpose Statement</b></p> <p>Ensure that all operators and maintenance persons are familiar with the manufacturers intended purpose for this tractor.</p> <p>Tractors in general are designed predominately for use in agriculture, forestry and community work. The main functions include - to pull, carry, push or provide a power source from the rear.</p> <p>All usage must be within the tractors stated capacities. Operation and attempted operation outside these capacities is considered incorrect usage.</p> <p>All alterations/modifications must be approved by the manufacturer e.g. attachments such as loaders.</p> <p>Be aware that there may be authorities which have restrictions on the usage of this tractor in certain environments e.g road authorities.</p> <p><b>References:</b> AS/NZS2153.3, Occupational Health &amp; Safety Act &amp; Regulations, Work Health &amp; Safety Act &amp; Regulations-</p>						
 <b>ENTANGLEMENT</b>	HIGH 22	HIGH 21	1 Week	16-Feb-21		
<p><b>Risk Treatment Required: PTO Mastershield Label</b></p> <p>Ensure that the PTO (Power Take Off) outlet(s) or PIC (Power Input Connection) connection(s) on this item of plant have clear and legible hazard warning label(s) fitted. Once fitted this label(s) must be in place at all times whilst this item of plant is in operation.</p> <p>Legislation: State Health and Safety Legislation and Regulation</p> <p><b>References:</b> AS1121</p>						
 <b>INCORRECT OPERATION</b>	HIGH 22	MEDIUM 15	1 Week	16-Feb-21		
<p><b>Risk Treatment Required: Pre-op Checklist Tractor</b></p> <p>Source or develop pre-operational checklist for this Tractor. (Pre-operational checklist is available via the Custom Reports section of Plant Assessor)</p> <p><b>References:</b> Occupational Health &amp; Safety Act &amp; Regulations, Work Health &amp; Safety Act &amp; Regulations-</p>						
 <b>INCORRECT OPERATION</b>	HIGH 22	MEDIUM 15	1 Week	16-Feb-21		
<p><b>Risk Treatment Required: SOP Tractor</b></p> <p>Source or develop Safe Operation Procedures for this Tractor. (Safe Operation Procedures are available via the Custom Reports section of Plant Assessor)</p> <p><b>References:</b> Occupational Health &amp; Safety Act &amp; Regulations, Work Health &amp; Safety Act &amp; Regulations-</p>						
 <b>COLLISION</b>	HIGH 22	MEDIUM 15	1 Week	16-Feb-21		
<p><b>Risk Treatment Required: Phone Use label</b></p> <p>This item of plant must be fitted with an instruction label advising that mobile phones must not be used whilst operating this machine. Accordingly all operators must not use a mobile phone at any time whilst operating machine. If phone use is necessary then operator must place machine in park configuration in a safe position prior to phone use. Operators MUST adhere to this advice at all times.</p> <p>Once fitted this label must be clear and legible at all times whilst this item of plant is in operation.</p> <p><b>References:</b> AS1319- , ISO31000</p>						
 <b>CRUSHING</b>	HIGH 21	MEDIUM 15	1 Week	16-Feb-21		
<p><b>Risk Treatment Required: 3PL Crush Zone Label</b></p> <p>Ensure that the rear of this item of plant has a hazard warning label adjacent the 3PL (three point linkage) area re: crushing, keep clear. Once installed it must be present and fully functional and serviceable at all times.</p> <p>Legislation: State Health &amp; Safety Legislation &amp; Regulation</p> <p><b>References:</b> AS/NZS2153.3</p>						



HAZARD(S)	Prelim. Risk Rating	Residual Risk Rating	Time Frame	Due Date	Date Rectified	Initial
<b>OPERATION</b>						
 <b>FIRE</b>	HIGH 21	MEDIUM 15	1 Week	16-Feb-21		
<p><b>Risk Treatment Required: Fire Extinguisher</b></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 &amp; Safety Legislation &amp; Regulation</p> <p><b>References:</b></p>						
 <b>BURNS, ENTANGLEMENT, SHEARING</b>	MEDIUM 14	MEDIUM 13	1 Month	11-Mar-21		
<p><b>Risk Treatment Required: Engine Guard Label</b></p> <p>Ensure all engine guards 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 labels must be present and fully functional and serviceable at all times whilst this item of plant is in operation.</p> <p>Legislation: State Health &amp; Safety Legislation &amp; Regulation</p> <p><b>References:</b> AS/NZS4024.1201, AS1319-</p>						
<b>DESIGN COMPLIANCE</b>						
 <b>FALLING, SLIPPING</b>	MEDIUM 12	LOW 6	1 Month	11-Mar-21		
<p><b>Risk Treatment Required: Access/Egress Instruction Label</b></p> <p>Ensure the access and egress to the cabin/work area has an instruction label fitted with the following information as a minimum -</p> <p>All personnel must -</p> <ol style="list-style-type: none"> <li>1. Always face the item of plant during access and egress.</li> <li>2. Always maintain three points of contact during access and egress.</li> <li>3. Ensure the steps are clean.</li> <li>4. Never jump off machine.</li> </ol> <p>Once fitted this label must be clear and legible at all times whilst this item of plant is in operation.</p> <p><b>References:</b> ISO31000, ISO4252</p>						
<b>MAINTENANCE</b>						
 <b>INCORRECT OPERATION</b>	HIGH 22	MEDIUM 15	1 Week	16-Feb-21		
<p><b>Risk Treatment Required: Maintenance Manual</b></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 &amp; Safety Legislation &amp; Regulation</p> <p><b>References:</b> Occupational Health &amp; Safety Act &amp; Regulations, Work Health &amp; Safety Act &amp; Regulations-</p>						
 <b>OPERATIONAL MALFUNCTION</b>	HIGH 21	MEDIUM 15	1 Week	16-Feb-21		
<p><b>Risk Treatment Required: Service Records</b></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 &amp; Safety Legislation &amp; Regulation</p> <p><b>References:</b> Occupational Health &amp; Safety Act &amp; Regulations, Work Health &amp; Safety Act &amp; 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
<b>OPERATION</b>		
 <b>INCORRECT OPERATION</b>	HIGH 22	MEDIUM 15
<p><b>Risk Treatment In Place: Operation Handbook</b></p> <p>The manufacturer's operation handbook has been supplied for this item of plant.</p> <p>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.</p> <p>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.</p> <p><b>References:</b> Occupational Health &amp; Safety Act &amp; Regulations, Work Health &amp; Safety Act &amp; Regulations-</p>		
 <b>INCORRECT OPERATION</b>	HIGH 22	MEDIUM 15
<p><b>Risk Treatment In Place: Control Labels</b></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> <p><b>References:</b> AS/NZS4024.1905</p>		
 <b>CRUSHING</b>	MEDIUM 15	MEDIUM 15
<p><b>Risk Treatment In Place: ROPS Label</b></p> <p>The warning label stating that the ROPS must not be damaged at any time (including cuts, drill holes and welds) must be present, clean and legible at all times.</p> <p><b>References:</b> AS1636</p>		
 <b>CRUSHING</b>	HIGH 22	MEDIUM 15
<p><b>Risk Treatment In Place: ROPS seat belt label</b></p> <p>This item of plant is fitted with a ROPS and has an advisory label stating that "seatbelts must be worn". This label must be present, clean and legible at all times. All operators and passengers must wear seatbelts whilst on this item of plant.</p> <p><b>References:</b> AS1636</p>		
 <b>BURNS, EXPLOSION, POISONING</b>	HIGH 22	MEDIUM 15
<p><b>Risk Treatment In Place: Tank ID Label</b></p> <p>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 and petrol/diesel tanks)</p> <p><b>References:</b> Occupational Health &amp; Safety Act &amp; Regulations, Work Health &amp; Safety Act &amp; Regulations-</p>		
 <b>INCORRECT OPERATION, OPERATIONAL MALFUNCTION</b>	HIGH 22	MEDIUM 15
<p><b>Risk Treatment In Place: Drawbar Capacity Label</b></p> <p>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.</p> <p><b>References:</b> ISO31000</p>		
 <b>CRUSHING</b>	HIGH 22	MEDIUM 15
<p><b>Risk Treatment In Place: 3rd Arm Connection Point</b></p> <p>No load must be towed from any point above the centre line of the rear diff/axle. This includes the 3rd arm, the 3rd arm connection point and 3PL lifting arms.</p> <p><b>References:</b> AS/NZS2153</p>		

HAZARD(S)	Prelim. Risk Rating	Residual Risk Rating
<b>OPERATION</b>		
 <b>CRUSHING</b>	MEDIUM 14	MEDIUM 13
<p><b>Risk Treatment In Place: External 3PL Controls</b></p> <p>This item of plant is fitted with external 3PL controls. Whenever using this control extra caution must be exercised.</p> <p>Keep all persons, body parts, clothing, tools etc away from the 3PL components or an connected/disconnected implement at all times while operating these controls.</p> <p>Stop, look and listen for any movement before approaching the 3PL components or an connected/disconnected.</p> <p>When using these controls to disconnect implements ensure that the implement is placed on level ground or approved sturdy stable stands.</p> <p><b>References:</b> AS/NZS2153, AS/NZS4024.1201</p>		
 <b>COLLISION, CRUSHING</b>	MEDIUM 12	LOW 6
<p><b>Risk Treatment In Place: Warning Device (horn)</b></p> <p>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.</p> <p>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)</p> <p><b>References:</b> AS/NZS2153, ISO7731</p>		
<b>DESIGN COMPLIANCE</b>		
 <b>BURNS, STRIKING</b>	HIGH 22	MEDIUM 15
<p><b>Risk Treatment In Place: Hydraulic Hoses</b></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"> <li>1. Stop engine</li> <li>2. Keep all bystanders clear of the work area</li> <li>3. Refer to operators manual as to methods to release pressure</li> <li>4. Wait 5 minutes</li> </ol> <p><b>References:</b> AS2671, AS4024</p>		
 <b>ENTRAPMENT</b>	HIGH 21	MEDIUM 15
<p><b>Risk Treatment In Place: Two Operator Exits</b></p> <p>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.</p> <p><b>References:</b> AS/NZS2153</p>		
 <b>COLLISION, CRUSHING</b>	HIGH 22	MEDIUM 15
<p><b>Risk Treatment In Place: Loose Items - Operator Work Area</b></p> <p>All items that could cause harm to the operator in the event of a collision or rollover are securely restrained.</p> <p><b>References:</b> ISO31000</p>		
 <b>COLLISION, CRUSHING, ENTANGLEMENT, STRIKING</b>	HIGH 22	MEDIUM 15
<p><b>Risk Treatment In Place: Neutral Start</b></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><b>References:</b> AS4024.1603</p>		

HAZARD(S)	Prelim. Risk Rating	Residual Risk Rating
<b>DESIGN COMPLIANCE</b>		
 <b>CRUSHING</b>	HIGH 22	MEDIUM 15
<b>Risk Treatment In Place: Seat Belt</b> 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.		
<b>References:</b> ISO3776.1		
 <b>CRUSHING</b>	HIGH 22	MEDIUM 15
<b>Risk Treatment In Place: Passenger Seat</b> An ergonomic passenger seat with an approved restraint is fitted to this item of plant. These must both be serviceable at all times whilst this item of plant is in operation.		
<b>References:</b> AS/NZS4024.1401 , ISO3776.1		
<b>Assessor Comments:</b> Fitted with a training seat which is intended for limited use for training or diagnostic purposes only and must not be used to carry passengers. An accident could result in serious injury or death to the occupant of the training seat.		
 <b>POOR VISIBILITY</b>	HIGH 21	MEDIUM 15
<b>Risk Treatment In Place: Windscreen Wipers</b> The windscreen wipers and washers fitted to this item of plant must be fully functional at all times.		
<b>References:</b> AS/NZS4024.1201		
 <b>COLLISION, CRUSHING</b>	CRITICAL 24	MEDIUM 15
<b>Risk Treatment In Place: Left/Right Brake Pedals</b> This item of plant fitted with individual left and right brake pedals, which have a sturdy, permanently attached connecting device which locks the brake pedals together to ensure that both pedals are depressed uniformly during straight line operation. This device must be present at all times during operation.		
<b>References:</b> ISO31000		
 <b>COLLISION, CRUSHING</b>	CRITICAL 24	MEDIUM 15
<b>Risk Treatment In Place: Park Brake</b> This item of plant is fitted with a fully functional park (hand) brake which meets the following requirements – <ol style="list-style-type: none"> <li>1. Is separate to the service brakes</li> <li>2. Has a device which maintains the brake in the on position until intentionally disengaged &amp;</li> <li>3. Requires at least two separate and distinct movements to disengage the park brake.</li> </ol> The park brake must be regularly inspected and tested. These inspections and tests must be documented as part of your plant safety programme.		
<b>References:</b> ISO31000		
 <b>CRUSHING</b>	HIGH 22	MEDIUM 15
<b>Risk Treatment In Place: Ag ROPS</b> A Rollover Protective Structure (ROPS) to AS 1636 or equivalent is fitted to this item of plant. A permanent label stating this standard must be attached to the structure at all times. It must also carry a warning label re: wearing of seat belts whilst operating this item of plant.		
<b>References:</b> AS1636		
 <b>COLLISION, POOR VISIBILITY</b>	HIGH 22	MEDIUM 15
<b>Risk Treatment In Place: Machine Lights</b> 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.		
<b>References:</b> AS/NZS2153		
 <b>ENTANGLEMENT</b>	HIGH 22	MEDIUM 15
<b>Risk Treatment In Place: Engine Guards</b> 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.		
<b>References:</b> AS/NZS4024.1601		

HAZARD(S)	Prelim. Risk Rating	Residual Risk Rating
<b>DESIGN COMPLIANCE</b>		
 <b>ENTANGLEMENT</b>	CRITICAL 24	MEDIUM 15
<b>Risk Treatment In Place: PTO Mastershield</b> This PTO (Power Take Off) outlet(s) or PIC (Power Input Connection) connection(s) on this item of plant are guarded. This guard(s) must be in place at all times whilst this item of plant is in operation. If this guard(s) is not present this item of plant must not be used.		
<b>References:</b> AS1121		
 <b>COLLISION</b>	HIGH 22	MEDIUM 15
<b>Risk Treatment In Place: Beacon</b> 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 -		
<ul style="list-style-type: none"> <li>- Is visible up to 200m in all directions (allowing for intermittent obstruction from the plant structure whilst the plant is in operation)</li> <li>- Is fitted in the most appropriate location on machine to maximise visibility without risking continual damage</li> </ul>		
NOTE: more than one beacon may be fitted to meet these criteria.		
<b>References:</b> AS/NZS4024.1201		
 <b>INCORRECT OPERATION</b>	HIGH 20	MEDIUM 14
<b>Risk Treatment In Place: Intuitive Controls</b> 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.		
<b>References:</b> AS/NZS4024.1906		
 <b>COLLISION, POOR VISIBILITY</b>	MEDIUM 12	MEDIUM 11
<b>Risk Treatment In Place: Operator Mirrors</b> 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.		
<b>References:</b> AS/NZS2153, AS/NZS4024.1201		
 <b>SLIPPING</b>	MEDIUM 12	LOW 6
<b>Risk Treatment In Place: Operator Work Area Access/Egress</b> 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 -		
<ol style="list-style-type: none"> <li>1. Always face the item of plant during access and egress.</li> <li>2. Always maintain three points of contact during access and egress.</li> <li>3. Never carry an object(s) in his/her hand(s) during access and egress.</li> <li>4. Never jump off machine.</li> </ol>		
<b>References:</b> AS/NZS2153.3, AS1657, ISO4252		
 <b>INCORRECT OPERATION, SLIPPING</b>	HIGH 17	LOW 6
<b>Risk Treatment In Place: Control Levers/Pedals/Buttons</b> All controls including all levers, buttons, pedals, switches etc. must be kept non-slip and free from damage at all times.		
<b>References:</b> AS/NZS4024.1901		
 <b>BURNS, ELECTRIC SHOCK</b>	MEDIUM 12	LOW 6
<b>Risk Treatment In Place: Battery Cover</b> 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.		
<b>References:</b> AS/NZS4024.1201		

HAZARD(S)	Prelim. Risk Rating	Residual Risk Rating
<b>DESIGN COMPLIANCE</b>		
 <b>STRAINS</b>	HIGH 19	LOW 5
<b>Risk Treatment In Place: Controls Ergonomics</b> 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.		
<b>References:</b> AS/NZS4024.1901		
 <b>BURNS</b>	MEDIUM 9	LOW 5
<b>Risk Treatment In Place: Exhaust</b> 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.		
<b>References:</b> AS/NZS4024.1201		
 <b>INCORRECT OPERATION, SLIPPING</b>	MEDIUM 9	LOW 4
<b>Risk Treatment In Place: Operator Floor</b> 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.		
<b>References:</b> AS/NZS2153, AS/NZS4024.1201		
 <b>DEHYDRATION, HEAT STROKE</b>	MEDIUM 9	LOW 4
<b>Risk Treatment In Place: Air Conditioning</b> 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.		
<b>References:</b> ISO31000		
 <b>OPERATIONAL MALFUNCTION</b>	HIGH 22	LOW 2
<b>Risk Treatment In Place: Plant Modification</b> The plant is in original condition.		
<b>References:</b>		
 <b>STRAINS</b>	MEDIUM 9	LOW 1
<b>Risk Treatment In Place: Operator Seat</b> 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.		
<b>References:</b> AS/NZS2153, AS/NZS4024.1401		
 <b>INCORRECT OPERATION, INSTABILITY</b>	CRITICAL 24	LOW 1
<b>Risk Treatment In Place: Drawbar</b> The drawbar/tow hitch on this item of plant is below the centre line of the drive diff/axle. This must not be modified so that it is above the centre line of the drive diff/axle. No load must be towed from any point above the centre line of the drive diff/axle. This includes the 3rd arm and 3PL lifting arms.		
<b>References:</b> AS/NZS2153		
<b>MAINTENANCE</b>		
 <b>COLLISION, INSTABILITY</b>	HIGH 22	MEDIUM 15
<b>Risk Treatment In Place: Tyres</b> 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.		
<b>References:</b> ISO31000		

HAZARD(S)	Prelim. Risk Rating	Residual Risk Rating
<b>MAINTENANCE</b>		
 <b>BURNS, STRIKING</b>	HIGH 22	MEDIUM 15
<b>Risk Treatment In Place: Hydraulic Damage</b> 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.		
<b>References:</b> AS2671, AS4024, ISO4413		
 <b>COLLISION, CRUSHING</b>	CRITICAL 25	MEDIUM 15
<b>Risk Treatment In Place: Brakes</b> 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.		
<b>References:</b> AS/NZS2153		
 <b>CRUSHING</b>	HIGH 22	MEDIUM 15
<b>Risk Treatment In Place: ROPS Damage</b> The Roll Over Protective Structure (ROPS) fitted to this item of plant must remain free from damage at all times whilst this item of plant is in operation.		
<b>References:</b> AS1636		
 <b>CURRENT OR PREVIOUS STRUCTURAL DAMAGE</b>	CRITICAL 25	MEDIUM 15
<b>Risk Treatment In Place: Structural Integrity</b> Regular checks for structural damage must be undertaken. Look for cracks in frames/chassis (current or repaired), bends or damage to structural components, etc.		
<b>References:</b>		
 <b>POOR VISIBILITY</b>	MEDIUM 9	LOW 4
<b>Risk Treatment In Place: Windows &amp; Screens</b> 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.		
<b>References:</b> AS/NZS2153, AS/NZS4024.1201		
 <b>OPERATIONAL MALFUNCTION</b>	HIGH 22	LOW 2
<b>Risk Treatment In Place: Major Fluid Leaks</b> 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.		
<b>References:</b> ISO31000		

## SECTION 6 IMAGES AND NOTES



<b>TYPE</b>	Tractor - Rigid	<b>Report Number</b>	OSS 20210209-1552
<b>MAKE</b>	John Deere	<b>Date</b>	9-Feb-2021
<b>MODEL</b>	8270R	<b>Created By</b>	Geoff Gleeson
<b>SERIAL NUMBER</b>	1RW8270RPJS135302	<b>Assessor</b>	Geoff Gleeson
<b>REGISTRATION</b>	93710D	<b>Assist. Assessor(s)</b>	
		<b>Agent</b>	Mannes Agencies
		<b>Lot Number</b>	01
		<b>Location</b>	10 Kingfisher Ave Coly
		<b>Assessment Purpose</b>	Sale
		<b>State</b>	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 \_\_\_\_\_

