

# **STATEWIDE ACCESS** & Equipment Sales

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### **Risk Assessment for Elevating Work Platforms**

**Type: ELECTRIC SCISSOR LIFT**

**Make: JLG**

**Model: 2646ES**

**Serial Number: B200041417**

<b>Hazards Identified</b>	<b>Pre Risk</b>	<b>Risk Control Measure</b>	<b>Post Risk</b>
Accidental movement of plant from upper controls due to loose clothing, tool bags etc. Catching controller while moving in the work platform.	2	Emergency stop switch to be pushed in when equipment function completed and work to commence.	5
Crushing from uncontrolled or unexpected movement of the plant.	2	Provide audible and visual warning devices, (eg: horn, motion alarm, flashing amber light). Emergency stop switch to be pushed in when equipment function completed and work to commence.	4
Plant tipping or rolling over.	3	Provide tilt alarm system advising operator machine operating beyond safe working angles. Ensure that the machine is an "outdoor rated" machine if operating where there is a risk of external wind forces. Operator is responsible to not exceed the safe working load of the plant. Operator to be trained in the safe operation of the plant.	5
Personnel being thrown off or falling from the plant.	2	Provide safety rails and gates. Gates are self-closing. Operators to be trained in the safe operation of the plant. If the machine is a boom type elevating work platform, ensure operators are wearing an approved EWP safety harness and the harness is attached to the correct harness attachment point.	5
Entanglement, (hair, Clothing and limbs being entangled with moving parts of the plant.)	3	Engine moving parts has safety guard surrounds. Training of service personnel in safe working practices.	4
Body parts in the danger of being sheared between parts on the plant.	2	Warning decals are provided on the plant. Operators to be trained in the safe operations of the plant and maintenance procedures. Provide mechanical locking devices to support the boom section while being serviced/repaired.	4
Striking	2	Platform is enclosed with safety guard rails to prevent objects from accidentally falling. Operator to be trained in the safe operation of the plant and safe work practices.	5

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Hazards Identified	Pre Risk	Risk Control Measure	Post Risk
Electrical	3	Warning decals are provided to warn of the dangers of coming into contact with live electrical conductors. Operators to be trained in the safe operation of the plant. Operators to beware of AS2550.2002 distance to power lines regulations.	6
The plant working in close proximity to electrical conductors.	3	Operators and/or their employees are to ensure that live conductors are properly insulated. Warning decals are provided to warn of the dangers of working to close proximity of live electrical conductors. Operators to be trained in the safe operation of the plant. Operators to be aware of AS2550.2002 distance to power lines regulations.	6
Overload of electrical circuits.	3	All elevating work platforms fitted with 240 volt appliance outlets are fitted with an Earth leakage circuit breaker with a chassis earth in accordance with Australian Standards. Operators to be trained in safe work practices. Electrical tagging to be carried out as per state regulations.	6
Electrocution from damaged electrical cables.	3	All elevating work platforms fitted with 240 volt appliance outlets are fitted with an Earth leakage circuit breaker with a chassis earth in accordance with Australian Standards. Electrical tagging to be carried out as per state regulations.	6
Exposure to exhaust fumes.	2	Operator responsible to operate plant in well-ventilated area. Exhaust is directed in such a manner that it doesn't blow onto pedestrians.	5
Injury caused by slipping.	2	Basket floors are fitted with non-slip grid mesh.	5
Collapse of supporting structure.	2	The plants gross weight is clearly marked on the base. It is the operator's responsibility to ensure the safe working load of the structure is not exceeded.	6
<b>It is the Operators, Employers responsibility to provide adequate training in the safe operations of this equipment and safe working practices.</b>			

### Risk Matrix

How severely could it hurt someone? OR How severely could it damaged the environment?	<b>Very likely</b> Could happen anytime	<b>Likely</b> Could happen sometime	<b>Unlikely</b> Could happen but very rare	<b>Very Unlikely</b> Could happen but probably never will
Death or Permanent Environmental Damage	<b>1</b>	<b>1</b>	<b>2</b>	<b>3</b>
Permanent Long Term Injury or catastrophic environmental damage	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
Lost Time Injury or Major Environmental Damage	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
Professional Medical Treatment or High Risk Environmental Damage	<b>3</b>	<b>4</b>	<b>5</b>	<b>5</b>
First Aid or Minor Environmental Damage	<b>4</b>	<b>5</b>	<b>5</b>	<b>6</b>
1 - Indicates <u>intolerable and unacceptable risk</u> that requires immediate elimination or if not reasonably practicable immediate control measures implemented and all work to stop immediately.				
6 - Indicates <u>acceptable hazard</u> that requires little or no action immediately.				