Fu	inction	al Analysis- Aerial Work Platform Operator	
Role	Aerial Work Platform Operator		
Job Purpose	Aerial work platform operator is responsible to raise workmen to an elevated work position supported by scissors, masts and booms to and from places in a safe and secured manner depending on the requirement		
Function	4	Community Due concretion should an April Mark Distance	
Function	1 P1	Carry out Pre-operation checks on Aerial Work Platform	
Purpose	FI	<ul><li> Pre- operation checks</li><li> Reporting and documentation</li></ul>	
		PC1. Check tires for damages and bulges	
		PC2. Check wheels for loose lug bolts, bent rims, cracks	
		PC3. Check the equipment for any damage- cracks, misalignment, welds, excess mast movement, locking pins	
		PC4. Check the hydraulic system reservoir, engine crankcase, engine coolant, transmission, air filter and axles are filled to the required operating fluid levels	
Pre Operation Checks		PC5. Inspect for defects such as cracked welds, fuel leaks, hydraulic leaks, damaged control cables or wire harness	
		PC6. Inspect whether work platform and extension slides are clean, dry & clear of debris	
		PC7. Check the carrying basket for any physical damages and all the fastenings and linkages for any damages	
		PC8. Verify whether lower operating controls successfully override the upper controls of boom lift equipment	
		PC9. Ensure emergency lowering functions are working	
Reporting &		PC10. Document the results in the checklist after inspection of the equipment	
Documentation		PC11. Report any defect or abnormality in the equipment to the person responsible for the safe use of it	
Organizational		KA1. The organization operations, maintenance and safety related	
Context		guidelines KA2. The operational standards & procedures followed in the company the	
(Knowledge of the company/		KA2. The operational standards & procedures followed in the company the timeframe in which the complaint/problem should be resolved	
Organization		KA3. Reporting structure in the company	
and its		KA3. Location of specialized tools and the equipment	
processes)		KA5. Location and process for storage and disposal of waste material	
		KB1. Overview of types of boom lift and scissors lift equipment and the general applications of that equipment	
Technical		KB2. Technical specifications, features and performance of different types of aerial work platform equipment	
Knowledge		KB3. Identification of components of a boom lift, scissors lift and its functioning - Guard rails	

			Distform
			- Platform
			- Upper controls
			- Tip boom
			- Main boom
			- Lower controls
			- Chassis
		KB4.	Identification of components of a Scissor lift and its functioning
			- Base
			- Ladder
			- Lower lift cylinder
			- Base control panel
			- Upper lift cylinder
			- Main platform deck
			<ul> <li>Control box platform</li> </ul>
			- Roll out extension deck
		KB5.	Basics of engine and sub systems; fuel, lubrication and cooling
			systems
		KB6.	Basics of transmission, auto-electrical functioning and repairs
		KB7.	Different types of hydraulic mechanisms, principles of friction
		KB8.	Basics of electrical systems including control panel
		KB9.	Controls, levers and switches in order to operate the aerial work
			platform
		KB10.	Procedure of topping up fuel, lube oil and coolant in the machine
		KB11.	Optimal working parameters- engine oil levels, hydraulic oil levels
		KB12.	Manufacturer's specifications for tools and supplies
Function	2	Carry	out aerial work platform equipment operations
Function	2 P2	Carry	out aerial work platform equipment operations
Function		Carry o	out aerial work platform equipment operations Starting up the equipment
		-	Starting up the equipment
Function Purpose		•	Starting up the equipment Equipment Operations
		•	Starting up the equipment Equipment Operations Shutdown Procedures
		•	Starting up the equipment Equipment Operations Shutdown Procedures Reporting and documentation
		•	Starting up the equipment Equipment Operations Shutdown Procedures Reporting and documentation Check the ground for adequate strength to support the weight of
Purpose		• • • PC1.	Starting up the equipment Equipment Operations Shutdown Procedures Reporting and documentation Check the ground for adequate strength to support the weight of both the machine and the load/workmen throughout the lift
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Purpose Starting up the		• • • PC1.	Starting up the equipment Equipment Operations Shutdown Procedures Reporting and documentation Check the ground for adequate strength to support the weight of both the machine and the load/workmen throughout the lift Set outriggers on pads or on a level, solid surface of boom lift equipment Ensure that the road side gradient is not more than 15° to avoid
Purpose Starting up the		PC1. PC2. PC3.	Starting up the equipment Equipment Operations Shutdown Procedures Reporting and documentation Check the ground for adequate strength to support the weight of both the machine and the load/workmen throughout the lift Set outriggers on pads or on a level, solid surface of boom lift equipment Ensure that the road side gradient is not more than 15° to avoid boom lift toppling
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Purpose Starting up the		PC1. PC2. PC3. PC4.	Starting up the equipment Equipment Operations Shutdown Procedures Reporting and documentation Check the ground for adequate strength to support the weight of both the machine and the load/workmen throughout the lift Set outriggers on pads or on a level, solid surface of boom lift equipment Ensure that the road side gradient is not more than 15° to avoid boom lift toppling Lower the platform using controls to allow the workmen enter into the boom or scissor lift
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Purpose Starting up the equipment Equipment		PC1. PC2. PC3. PC4. PC5. PC6.	Starting up the equipment Equipment Operations Shutdown Procedures Reporting and documentation Check the ground for adequate strength to support the weight of both the machine and the load/workmen throughout the lift Set outriggers on pads or on a level, solid surface of boom lift equipment Ensure that the road side gradient is not more than 15° to avoid boom lift toppling Lower the platform using controls to allow the workmen enter into the boom or scissor lift Extend the boom, lift slowly and move the boom lift or scissor lift to the work area Determine the operating range based on the load capacities for the equipment
Purpose Starting up the equipment Equipment Operations		PC1. PC2. PC3. PC4. PC5. PC6. PC7.	Starting up the equipment Equipment Operations Shutdown Procedures Reporting and documentation Check the ground for adequate strength to support the weight of both the machine and the load/workmen throughout the lift Set outriggers on pads or on a level, solid surface of boom lift equipment Ensure that the road side gradient is not more than 15° to avoid boom lift toppling Lower the platform using controls to allow the workmen enter into the boom or scissor lift Extend the boom, lift slowly and move the boom lift or scissor lift to the work area Determine the operating range based on the load capacities for the equipment Use the capacity chart to determine safe boom extension range
Purpose Starting up the equipment Equipment		PC1. PC2. PC3. PC4. PC5. PC6.	Starting up the equipment Equipment Operations Shutdown Procedures Reporting and documentation Check the ground for adequate strength to support the weight of both the machine and the load/workmen throughout the lift Set outriggers on pads or on a level, solid surface of boom lift equipment Ensure that the road side gradient is not more than 15° to avoid boom lift toppling Lower the platform using controls to allow the workmen enter into the boom or scissor lift Extend the boom, lift slowly and move the boom lift or scissor lift to the work area Determine the operating range based on the load capacities for the equipment

		PC9.	Shift the transmission to neutral and allow the engine to slow to idle speed
		PC10.	Park the machine on a level surface
		PC11.	Turn off the ground/platform key switch of boom lift and remove the key to prevent unauthorized operation
Reporting &		PC12.	Communicate problems accurately to others, such as maintenance personnel
documentation		PC13.	Document and communicate concerns to appropriate personnel, such as supervisor, mechanic
Organizational Context		KA1.	The organization operations, maintenance and safety related guidelines
(Knowledge of		KA2.	The operational standards & procedures followed in the company the timeframe in which the complaint/problem should be resolved
the company/ Organization		KA3.	Reporting structure in the company
and its		KA4.	Location of specialized tools and the equipment
processes)		KA5.	Location and process for storage and disposal of waste material
,, ,, ,, ,, ,, ,, ,		KA6.	Contact person/area in case of emergency
		KB1.	Technical specifications, features and performance of different types boom and scissors lifts
		KB2.	Load Chart reading and balancing of weight
		КВЗ.	Factors that affect equipment stability, such as ground and supporting conditions
		KB4.	Principles of motion, balance and stability such as centre of gravity, horizontal and vertical stability, effects of speed, centrifugal force and acceleration
Technical		KB5.	Controls, levers and switches in order to operate the aerial work platform
Knowledge		КВ6.	Actual and potential hazards, such as overhead utilities and guide wires, other equipment, personnel and vehicular traffic
		КВ7.	Impact of wind speed, storms and other weather conditions on equipment
		KB8.	Safety controls and equipment such as automatic limit switches, overload limit devices and fire extinguishers
		KB9.	Safety measures to be followed at time of emergencies to avoid damage
		KB10.	Roles of personnel on site, such as supervisor, signalman and others
	l		
Function	3	Carry	out maintenance and troubleshooting of the aerial work platform
	P3	-	
		•	Preventive maintenance
Purpose		•	Repair and troubleshooting
		•	Reporting and documentation
Preventive		PC1.	Assess the right service schedule by tracking machine operating
Maintenance			hours

		PC2.	Read and observe all plates and instructions concerning safety that
			are attached onto the vehicle
		PC3.	Replenish lubricants and fluids as per the running of the machine or as per the schedule
		PC4.	Dispose of waste lubricating oils, anti-freeze and hydraulic fluids according to local regulations or take them to a recycling center for disposal.
		PC5.	Check battery levels and condition of the terminals and carry out minor adjustments if required
		PC6.	After operation each day, the fuel tank should be filled to prevent water from condensing in the tank
		PC7.	Ensure that no maintenance task on the engine is performed when running or still hot
		PC8.	Turn off the main power from panel completely before carrying out maintenance work on the equipment
Repair and		PC9.	Ensure that appropriate tools are used while troubleshooting
troubleshooting		PC10.	Diagnose the problem and identify appropriate repair procedures
		PC11.	Report defects precisely to the supervisor if beyond scope of his role
		PC12.	Dispose waste as per the guidelines of the site/ organization
		PC13.	Follow reporting procedures as laid down by the employer
Reporting &		PC14.	Complete all documentation as per the prescribed standards in a
Documentation			timely manner
Organizational		KA1.	The organization operations, maintenance and safety related guidelines
Context		KA2.	The operational standards & procedures followed in the company
(Knowledge of			the timeframe in which the complaint/problem should be resolved
the company/		KA3.	Reporting structure in the company
Organization		KA4.	Location of specialized tools and the equipment
and its processes)		KA5.	Location and process for storage and disposal of waste material
processes		KA6.	Contact person/area in case of emergency
		KB1.	Maintenance schedule of the equipment
		KB2.	Basics of engine and sub systems; fuel, lubrication and cooling systems
		KB3.	Basics of transmission, auto-electrical functioning and repairs
Technical		KB4.	Different types of hydraulic mechanisms and principle of friction
Knowledge		KB5.	Basics of electrical systems including control panel
		KB6.	Control and switches needed to operate the aerial work platform
			appropriately
		KB7.	Common defects and general causes of breakdown
		KB8.	Spill kit and battery boosting procedures
Function	4	Compl	y with worksite health and safety guidelines
Purpose	P4	•	Work Health & Safety
Work Health &		PC1.	Comply with safety, health, security and environment related

		PC2.	Use Personal Protective Equipment (PPE) and other safety gear as
			applicable to the equipment and the worksite
		PC3.	Follow safety measures during operations to ensure that the health
			and safety of self or others (including members of the public) is not at
			risk
		PC4.	Carry out operations as per the manufacturer's and worksite related
			health and safety guidelines
		PC5.	Handle the transport, storage and disposal of hazardous materials
			and waste in compliance with worksite health, safety and
			environmental guidelines
		PC6.	Operate various grades of fire extinguishers, as applicable
		PC7.	Support in administering basic first aid and report to concerned team
			members, as required, in case of an accident
		PC8.	Respond promptly and appropriately to an accident/ incident or
		DCO	emergency situation, within limits of your role and responsibility
		PC9.	Record and report details related to operations, incidents or
			accidents, as applicable
Organizational		KA1.	Health, safety, environmental(HSE) and security related policies/
Context			guidelines of the organization and the worksite and its importance
(Knowledge of		KA2.	Personnel responsible for Health, Safety and environment (HSE)
the company/			related matters and their contact details
Organization		KA3.	Location of worksite storage, HSE team and safe assembly points
and its		KA4.	Reporting and documentation procedures for HSE and security
processes)			matters
		KB1.	Manufacturer's guidelines related to health and safety requirements
		KB2.	Common types of health, safety, environment and security risks
			related to the worksite and operations
		KB3.	Types, use and importance of Personal Protective Equipment (PPE)
		KB4.	and other safety gear
		кв4. КВ5.	Safe working practices to avoid common hazards and risks Guidelines for transport, storage and disposal of hazardous materials
		KDJ.	and waste
Technical		KB6.	Types of common hazards and risks at the worksite including fire,
Knowledge			electrical, gas emergencies, accidents, incidents, structure collapse,
			machine breakdown
		KB7.	Knowledge of safe lockdown/ stop of machinery use in case of
			emergencies and incidents/ accidents
		KB8.	Types of fire extinguishers and their use
		KB9.	Common injuries and appropriate basic first aid treatment e.g.
			electrical shock, bleeding, wounds, fractures, minor burns, eye
Ontional NOS			injuries
Optional NOS Function	1	Opera	ate and maintain telescopic handler equipment
Panetion	 P1	opera	Pre-operation checks
Purpose	1 1		Operations of telescopic handler
			Maintenance and troubleshooting of telescopic handler
		•	אמותנרומותב מות נוסטאובאוסטנוווג טו נבובאנטאוג וומותובו

		Check cost halt for damage, replace halt if frewed on out within
		Check seat belt for damage, replace belt if frayed or cut webbing,
Due en ett		damaged buckles or loose mounting hardware
Pre operation Checks		Check the gauges, switches, joysticks, horns and controls for proper
		condition
		Check for frame level indicator and window glass for damages
		Check all the lighting systems for proper working condition
		Determine the operating range based on the load capacities for the
		equipment
		Adjust spacing of forks to engage the pallet or load at max width
		Position the telescopic handler to place or retrieve the load without
<b>Operations of</b>		moving or repositioning the machine
telescopic		Align forks of telescopic handler at the level load is to be placed, then
handler		extend boom slowly until load is just above area where it is to be
		placed
		Lower the boom of telescopic handler until the load rests in position
		and the forks are free to retract
		Shift the transmission to "Neutral" and allow the engine to slow to
		idle speed
Maintenance		Assess the right service schedule by tracking machine operating hours
and		Read and observe all plates and instructions concerning safety that
troubleshooting		are attached onto the vehicle
of telescopic		Replenish lubricants and fluids as per the running of the machine or
handler		as per the schedule
		Follow reporting procedures as laid down by the employer
Organizational	KA1.	The organization operations, maintenance and safety related
Context		guidelines
(Knowledge of	KA2.	The operational standards & procedures followed in the company
the company/		the timeframe in which the complaint/problem should be resolved
Organization	KA3.	Reporting structure of the company
and its	KA4.	Location of specialized tools and the equipment
processes)	KA5.	Location and process for storage and disposal of waste material
	KA6.	Contact person/area in case of emergency
	KB1.	Overview of types of telescopic handler equipment and the general
		applications of it
	КВ2.	Technical specifications, features and performance of different types
		of telescopic handler
	КВЗ.	Identification of components of a telescopic handler and its
		functioning
Technical		- Chassis
Knowledge		- Outriggers
		- Operators cab
		- Boom
		<ul> <li>Fork Carriage</li> <li>Forks</li> </ul>
	КВ4.	Basics of engine and sub systems; fuel, lubrication and cooling
		systems Passies of transmission, pute electrical functioning and repairs
	KB5.	Basics of transmission, auto-electrical functioning and repairs

K	B6. Different types of hydraulic mechanisms, and principles of friction
K	B7. Basics of electrical systems including control panel
K	B8. Controls, levers and switches in order to operate the aerial work
	platform
K	B9. Procedure of topping up fuel, lube oil and coolant in the machine
K	B10. Optimal working parameters- engine oil pressure, hydraulic oil
	pressure and temperatures
K	B11. Maintenance schedule of the equipment
K	B12. Common defects and general causes of breakdown
K	B13. Spill kit and battery boosting procedures
K	B14. Manufacturer's specifications for tools and supplies