

Kennecott Utah Copper

Standard work instruction

Haul Truck Operator Pre Inspection

Controlled document #:	MNSWI-0011.1	Revision #:	Rev. 0
File name:	Operator Pre Inspection	Task #:	N/A
Effective date:	09-05-2014	Document owner:	Dave Thomas
Site name:	Mine	Department:	Operations

Job description

The purpose of this Standard Work Procedure is to improve Safety and Reduce Hazards By Improving Efficiency and Standardizing the Haul Truck Pre-Inspection. This will raise Haul truck Utilization and reduce amount of un needed downs in the field

Prep - work

Parts & Materials Required

- N/A

Equipment Required

- N/A

Tools Required

- Isolation Lock and Tag
- Personal Isolation Lock

Permits Required

- N/A

PPE Required

- Hard Hat
- Safety Glasses
- Steel Toe Boots
- Gloves

HSE hazards

All HSE hazards are analysed in a risk assessment, and the operational controls are identified in the appropriate work step.

Kennecott Risk Analysis Tool (KRAT):	RA 9098
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Work instructions

Step	Work Steps	Cycle time	Value add/ Non-value add	Visuals
1	HAUL TRUCK ISOLATION	76sec		
1.1	Install green Isolation Lock and hasp	10	NNVA	
1.2	Insure park brake set and wheel lock off	30	NNVA	
1.3	Honk horn for try step and inspection	1	NNVA	
1.4	Try Start / turn on all lights	25	NNVA	
1.5	Install Brass Lock onto hasp	10	NNVA	
2	Left Front Truck Inspection	47sec		
2.1	Left front egress ladder and platform	8	NNVA	
2.2	Inspect steer pin and retainer	8	NNVA	
2.3	Inspect suspension bolts and frame	7	NNVA	
2.4	Inspect suspension	8	NNVA	
2.5	Fire suppression nozzles clear of debris	8	NNVA	
2.6	# 1 tire inspection	8	NNVA	



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tip or trick

Step	Work Steps	Cycle time	Value add/ Non-value add	Visuals
3	Inspect Left Middle section	18 sec		
3.1	Inspect steer pins and retainers	6	NNVA	
3.2	Inspect Accumulator/ Lines hydraulic leaks	6	NNVA	
3.3	Left Side Back Up Side Light	6	NNVA	
4	Inspect Rear of Truck	17 sec		
4.1	3&4 Tires and Lug Nuts	4	NNVA	
4.2	Check to see if oil is in the doghouse	4	NNVA	
4.3	Brake and reverse lights	4	NNVA	
4.4	5&6 Tires and Lug Nuts	5	NNVA	
5	Inspect Right Middle section	24sec		
5.1	Fluid Leaks	6	NNVA	
5.2	Accumulator/ Lines hydraulic leaks	6	NNVA	
5.3	Inspect steer pins and retainers	6	NNVA	



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tip or trick

Step	Work Steps	Cycle time	Value add/ Non-value add	Visuals
5.4	Right side back up side light	6	NNVA	
6	Inspect Right Front	47sec		
6.1	#2 Tire and Lug Nuts	7	NNVA	
6.2	Inspect steer pins and retainers	5	NNVA	
6.3	Inspect suspension bolts and frame	7	NNVA	
6.4	Fire suppression nozzles clear of debris	7	NNVA	
6.5	Check engine compartment for leaks	7	NNVA	
6.6	Oil reserve system in tack	7	NNVA	
6.7	Right side Emergency Egress ladder and platform	7	NNVA	
7	Front Inspection	40sec		
7.1	Inspect Headlights	5	NNVA	
7.2	Inspect AFEX Manual Punch bottle	5	NNVA	
7.3	Remove Locks and Tags	15	NNVA	
7.4	Pick up Wheel Chock and put onto keeper	15	NNVA	



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tip or trick

Step	Work Steps	Cycle time	Value add/ Non-value add	Visuals
8	Deck Inspection	40sec		
8.1	Handrails and Gates	10	NNVA	
8.2	Inspect Canopy for cracks	6	NNVA	
8.3	Grid Box clear of Debris	6	NNVA	
8.4	Mirrors	6	NNVA	
8.5	Fire Extinguisher	6	NNVA	
8.6	Apex system and Lines	6	NNVA	
9	Cab Inspection	107sec		
9.1	Press system check/ Listen for reverse alarm	5	NNVA	
9.2	Seat Belts and Tethers	5	NNVA	
9.3	Windows and Doors	5	NNVA	
9.4	Fuel/Gauges/Alarms	5	NNVA	
9.5	Ensure company radio works	2	NNVA	
9.6	Brake Tests	85	NNVA	



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tip or trick

Responsibilities

Role	Responsibilities
Operator	Follow this work instruction and inform leader of improvements or inability to perform work.
Supervisor/Leader	Create the work standard and teach it to operators. Ensure that operators follow the work standard. Take action when operators ask for help and suggest improvements. Revise the work standard.
Superintendent	Confirm that line leaders are implementing standard work.

Reference material

Document reference	Document title
MNSOP160-0011	Komatsu 930E – 3SE -4SE Haul Trucks
MNSOP160-0031	MT5300 Caterpillar Haul Truck
KUC RA #9089	Splitting the Pre-Op Risk Assesment (Safety Items Only)

Revision history

MOC #	Description of change	Prepared by	Date
26908	Implementation of Safety-Only Pre-Op for operators and an Asset Health inspection to be completed by a craftsman. Next review by 8-2019.	Tonia Pfeifer	9-2014

Work completion

List any additional parts or tools needed that were not supplied in the kit.

Part number	Part description

Were any defects repaired?

- Yes.** Report them to the team lead or supervisor.
- No.**

Are any follow-up work orders required?

- Yes.** List below any defects that need an additional work order created, and report them to the team lead or supervisor.
- No.**

#	Follow-up work orders required

Any suggestions to improve the job next time it's done? List improvements below and report them to the team lead or supervisor.

#	Improvement suggestion