

## EQUIPMENT PRE-START CHECKLIST

# Heavy Vehicle



## Inspection Guidelines

Air Conditioner	Check air conditioning is functioning properly.
Air Tanks	Drain air tanks to dump moisture
Battery	Check batter terminations, cradle and battery isolator switch
Cabin Clean	Ensure cabin is clean. Remove rubbish from floors, seat and dash.
Cargo Restraint	Check that cargo is restrained and there is a cargo restraint present.
Compliance Sticker	Check that safety / registration has not expired.
Engine Coolant Level	Check coolant fluid levels, via recovery bottle. Do not open radiator cap as system could be under pressure and cause injury.
Engine Oil Level	With engine stopped, remove engine oil dip stick, wipe clean and re-insert, remove again. Read level to check that it is between min and max.
Fan and fan belts	Check the fan isn't damaged and the belts are tight and in good condition.
Fire Extinguisher	Check fire extinguisher is correctly mounted in carrier. Check extinguisher pressure gauge for charge. Charge must be in the green zone. Check extinguisher inspection tag.
First-Aid Kit	Check to see if kit is in vehicle. Open kit and check stock for missing items. Ensure kit is sealed correctly after inspection.
Flashing Beacon	Inspect light for damage and test operation.
Fluid Levels (Brake, Clutch, Power Steering)	Check fluid level in reservoir by checking the level is visible between min and max. Do not remove the cap of the reservoir. Check filler cap for leakage or damage.
Fuel	¼ tank to go to mine from Tabubil.
General Condition	Check the general overall condition of the vehicle, panel damage etc.
Horn	Test horn, horn should be loud and of consistent pitch.
Lights	Operate head lights, indicators, brake and tails, check they are working and clean.
Minor Oil Leaks	Check for minor leakage such as drips, seeping, and oil in and around engine bay.
Mirrors	Check mirrors for cleanliness, security and damage. Correct the positioning to maximise visibility and minimise blind spots.
Operator / Passenger Seat and Seat Belt	Check seat for damage, tears and ensure all functions of seat operate adequately and provide comfort and support. Check belt and clasp for damage, tears, rips and holes. Ensure both ends meet securely and ensure clasp holds securely.
Park Brake	Check park brake is holding the vehicle when the transmission is in neutral.
Reverse Alarm / Light	With park brake on, key on, select reverse gear, listen for reversing alarm and inspect for reverse light.
Rocket Box	Check the rocket box for damage and broken handles and locks
SAFEmine Collision Avoidance	Check that the LED light on the right hand side of screen is red.
Service Brake/Exhaust Brake	After start up, check service brake is functional at low speeds. Check function of exhaust break.
Speedometer	Check the speedometer and odometer are both operational.
Steering System	Check steering is responsive to drivers' input.
Temperature Gauge	Check that temperature gauge is operational.
Tow Hitch	Check condition of tow hitch and plug for damage and secure fixing
TrakPro Vehicle Tracking	Check that the LED light on the right hand side of screen is red.
Twist Locks/Tie Downs	Check the twist locks for damage and operation and check chains, straps, tie down points
Two Way Radio	Ensure radio is set on the correct channel as used on site. Depress transmit button and release. A responding click should be heard from the radio speaker. If there is any suspicion that the radio is not functioning, send a test transmission.
Tyres, Rims, Wheel Nuts & Wheel Nut Indicators	Inspect all tyres for damage to side walls, tyre tread depth, tread damage, cracks and rims. Check for deflated or visually low pressure in tyres. Inspect the wheels nuts and where fitted wheel nut indicators for indication of movement and broken or missing studs and nuts. Check for indications of wheel movement on hub at nuts.
Visibility of Asset ID	Check the asset ID is clearly displayed on both sides of the vehicle.
Warning Lights / Gauges	Check the warning lights and gauges on the dash are operational.
Wheel Chocks	Check that there is a set of wheel chocks in the vehicle.
Windows and Doors	Check for damage to doors and windows. Ensure the doors and windows open and close properly.
Windscreen	Check windscreen for damage and cleanliness. Ensure visibility is not reduced by dirty windscreen, clean as necessary.
Wipers I Washers	Check wipers for damage. Check water level, activate switch and check they work.

**CATEGORY A FAULT - DO NOT DRIVE**

**CATEGORY B FAULT - Authorisation Required**

**CATEGORY C FAULTS - Report to Maintenance**

## Seklist bilong ol Traipela/Hevi Kar

Win masin	Sekim win masin sapos em wok gut.
Win Tang	Drenim win tang long rausim wara.
Bateri	Sekim bateri teminol, ples we bateri I stap long en na bateri aisoleta swis.
Kebin klin	Kebin mas klin. Rausim pipia long plua, sia na insait long kar.
Kago sialet	Sekim olsem kago sialet stap na ol kago pas strong na bai nonap surik.
Komplaiens Stika	Sekim gut seiffi stika na registresen ino pinis yet.
Ensin kulent levul	Sekim levul bilong kulent wara. Noken opim redieta kep – sistem iken stap aninit long presa na kamapim birua.
Ensin wel mak	Kilim dai ensin, rausim ensin oil stik, sekim, klinim na putim go bek. Ritim mak long sekim sapos em istap namel.
Fen na fen let	Sekim fen sapos igat bagarap o nogat. Fen let tu mas tait na I stap gut.
Paia estingwisa	Sekim paia estingwisa sapos em stap gut long basket bilong em. Sekim presa mita bilong paia estingwisa. Presa mita em mas stap long grinpela mak. Sekim teg bilong paia estingwisa.
Marasin kitbek	Sekim na lukim sapos marasin kitbek stap insait long kar. Opim marasin kitbek na sekim sapos sampela samting ino stap. Pasim marasin kitbek gut taim yu pinis long sekim.
Disko lait	Sekim disko lait sapos em wok gut.
Wara mak bilong brek, klas na pawa stia	Sekim mak bilong brek, klas na pawa stia insait long tenk. Noken rausim lit bilong tenk. Sekim fila kep long lukim sapos igat lik o em bagarap.
Fiul (bensin, disil o petrol)	Sekim sapos igat inap fiul long stap long Tabubil na go long Mine (1/4 tenk mak).
Generol kondisen	Sekim insait na outsait long kar na lukim sapos igat sampela rong o bagarap
Belo	Tesim belo, belo mas krai bikpela.
Lait	Onim na tesim ol het lait, indiketa, brek na tel lait sapos ol I klin na wok gut
Ol liklik oil lik	Sekim na lukim sapos igat liklik oil lik klostu long ensin hap
Mira	Sekim olgeta mira; em mas klin na nogat bagarap. Sapos mira ino stap gut, stretim gut inap long lukluk longwe, baksait na long saitsait
Sia na sialet	Sekim sia long sampela bagarap o bruk. Sia mas wok gut na inap long sapotim wokman/meri taim em sidaun. Sekim sialet na lok sapos igat bagarap, bruk o hat long pas gut. Sialet lok mas pas gut.
Pak brek	Sekim pak brek imas wok gut taim gia istap nating o long neutral.
Tanbek alam/lait	Taim pak brek on, ki on, surukim gia igo long tanbek na traim harim sapos tanbek alam ikrai na tu sekim tanbek lait.
Roket Box	Sekim roket box sapos igat sampela bagarap o hendel na lok i bruk.
SAFEmine - Abrusim bam masin	Sekim na lukim sapos LED lait long rait sait ret.
Sevis brek/Exhosit brek	Taim yu statim kar pinis, sekim sevis brek sapos emi wok long lo spit. Sekim sapos exhosit brek I wok gut
Spitmita	Sekim spit na revmita. Ol imas wok.
Stia sistem	Sekim gut stiarng bilong kar sapos em I wok gut.
Hat/kol mita	Sekim hat/kol mita sapos I wok gut o nogat.
Huk bilong pulim kar	Sekim sapos huk bilong pulim kar nogat bagarap na I stap strong yet.
TrakPro – Trekim Kar masin	Sekim na lukim sapos LED lait long rait sait ret.
Twis lok/Sialet bilong pasim kago	Sekim twis lok long trela sapos I gat sampela bagarap. Sekim tu ol sialet na sen.
Tu we redio/wailis	Onim redio/wailis na putim go long rait senol. Presim baten bilong toktok na lukim sapos emi wok o nogat. Yu mas harim wanpela liklik pairap long redio spika. Sapos yu bilip olsem redio ino wok gut, traim salim wanpela tes redio toksave.
Taia, rim, wil nats na wil nat indiketa	Sekim long bagarap long sait wol bilong taia, taia tret o sais bilong taia I orait na ino kela na sapos igat liklik hap I bruk o nogat. Sekim tu wil nat na lukim sapos ol nat I lain gut wantaim indiketa. Sekim presa bilong taia. Sekim wil nat na wil nat indiketa sapos I mov, bruk o nat I lus. Sekim ol wil nat gut.
Kar ID	Sekim sapos namba bilong kar I stap na klia long tupela sait wantaim.
Lukaut/waning lait	Sekim ol lukaut/waning lait na ol namba long des sapos olgeta I wok o nogat.
Wil soks o banis	Sekim sapos wil soks/banis I stap insait long kar.
Windo na Dua	Sekim windo na dua long bagarap. Sekim gut sapos dua na windo iken op na pas gut.
Winskrin glas	Sekim glas bilong winskrin long lukim sapos I klin na nogat bagarap
Waipa/Wasa	Sekim waipa sapos igat sampela bagarap. Sekim wara mak bilong waipa wara, onim swis na sekim sapos emi wok gut

**CATEGORY A FAULT - ITAMBU TRU LONG DRAIV**  
**CATEGORY B FAULT - KISIM TOK ORAIT PASTAIM LONG BOS**  
**CATEGORY C FAULTS - RIPOTIM GO LONG WOKSOP**

**CATEGORY A FAULT - DO NOT DRIVE**  
(ITAMBU TRU LONG DRAIV)

**CATEGORY B FAULT - Authorisation Required**  
(KISIM TOK ORAIT PASTAIM LONG BOS)

**CATEGORY C FAULTS - Report to Maintenance**  
(RIPOTIM GO LONG WOKSOP)

**ARE YOU  
TRAINED  
HAVE A VALID PERMIT  
AND FIT FOR WORK**

## Wheel Nut Indicators

Wheel nut indicators are fitted to the wheel nuts to help identify any loose wheel nuts. Vehicle operators will notice when any nuts are out of alignment, preventing the possibilities of wheel detachment.



# EQUIPMENT PRE-START CHECKLIST

## Heavy Vehicle

Competent and Authorised Operator's name		Form Number
		HV- <span style="color:red; font-size: 2em;">000001</span>
Equipment Type / Make / Model / Shape		Shift
Company	Equipment ID	Odometer/Hourmeter

Start at the front right door and conduct a walkaround inspection. Check the following:	Pass	Fail	N/A
<b>CATEGORY A FAULTS - DO NOT DRIVE</b>			
Brakes – Foot / Engine / Exhaust / Park	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Buggy Whip	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Cabin Gauges / Warning Lights	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Cargo Load / Restraints	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Coolant Level	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fire Extinguisher	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fluid Leaks	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fluid Levels - Brake / Clutch / Engine / Steering	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Horn / Reverse Alarm	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Instrumentation and Switches	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lights/indicators and Beacon	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Registration / Safety Sticker	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Seats and Seat Belt	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Speedometer	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Steering System	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Two-way Radio	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Safemine Collision Avoidance System	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Trakpro Vehicle Tracking System	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tyres – Cracks / Wear / Damage / Stones	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Wheels - Rims / Nuts / Wheel Nut Indicators	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>CATEGORY B FAULTS - Authorisation Required</b>			
Air Conditioner	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Battery - Terminals / Condition / Mounting	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Mirrors	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Visibility of Asset ID	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Windscreen, Windows and Doors	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Wipers / Washers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

<b>AM I TRAINED, HAVE A CURRENT PERMIT AND FIT FOR WORK TO OPERATE THIS EQUIPMENT AND ATTACHMENTS</b>	Yes <input type="radio"/>	No <input type="radio"/>	If no, do not proceed
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Start at the front right door and conduct a walkaround inspection. Check the following:	Pass	Fail	N/A
<b>CATEGORY C FAULTS - Report to Maintenance</b>			
Air Tanks Drained	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Body Condition	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Cabin Condition	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
First Aid Kit in Vehicle and Fully Stocked	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fuel Level E ¼ - ½ - ¾ - F	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Mud Guards / Flaps	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Wheel Chocks and Safety Triangles	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tow Hitch (If Fitted)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

<b>COMMENTS/DEFECTS</b>	
Always follow manufacturer instructions and site procedures. Report anything that affects the safe operation of the equipment.	
Is corrective action needed	Yes <input type="checkbox"/> No <input type="checkbox"/>
Comments or details of repairs needed: ..... ..... ..... ..... ..... ..... ..... ..... ..... ..... ..... .....	
Maintenance close out signature	/ / / Date

Signature (Operator)	/ / /
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Signature (Supervisor)	/ / /
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