



RESOLUTION OF
CHIEF EXECUTIVE OFFICER

August 31, 2020

Resolution No. 41/ 20

Ulaanbaatar city

Subject: Approval of the procedure

The CEO of Oyu Tolgoi LLC duly adopts the following resolution – based on article 5.1 of Labour Law and article 83.1 of Company Law of Mongolia and RESOLVES to:

1. Approve the “OT-10-C3-PRC-0005-E: Standard Requirements for Vehicles and Mobile Equipment Procedure” being a part of Oyu Tolgoi LLC Health, Safety and Environment Management System Procedures as attached hereto.
2. The procedure shall become effective from the date of signing this resolution.
3. In relation to the approval of this resolution, invalidate the “AM-01: Light Vehicle Policy” approved by the Chief Operating Officer of OT LLC on July 6, 2011.

Armando Torres
Chief Executive Officer
Oyu Tolgoi LLC





Oyu Tolgoi LLC

Health, Safety and Environment Management System Procedures

Element 10. C3 Standard requirements for vehicles and mobile equipment

- Standard requirements for the vehicles and mobile equipment operated and to be purchased at OT site

Standard Requirements for Vehicles and Mobile Equipment		
Effective Date:	Document Number: OT-10-C3-PRC-0005-E	Version: 1.3

1. PURPOSE

This document specifies standard requirements and specifications for the vehicles and mobile equipment to be purchased and operated at OT site.

2. SCOPE

2.1. This document specifies standard requirements for OT owned and contractor vehicles that operate at OT site. This includes light vehicles, mini buses, buses, trucks, trailers, and other type of vehicles operated by OT and contractors.

2.2. Only those vehicles that meet the requirements specified in this document will be permitted to operate continuously at site.

2.3. This document does not cover requirements for demarcation.

2.4. These requirements do not cover the following equipment:

- Vehicles that transport dangerous goods;
- Vehicles for blasting;
- Emergency vehicles;
- Heavy Mining Equipment; and
- Vehicles utilised in an Underground.

3. VEHICLE SAFETY REQUIREMENTS

3.1. Working at Height

- a. Access to vehicles require a bottom step that is rigid and is no more than 400 mm from the ground.
- b. Vehicle steps must have an angle no greater than 70 degrees.
- c. Vehicle or trailer platforms above 1.5 meter that a person may have to stand must have guard rails. This includes baggage and roof areas where a ladder access exists.
- d. Guard rails or three points of contact installed where operators perform pre-start or service inspections above 1.5 meter.
- e. All vehicle surfaces where a person may need to stand, walk or climb must have a non-slip material.
- f. Light vehicles are prohibited to be equipped with roof rack.

3.2. Isolation

- a. Master switch for isolation (positive & lockable)

3.3. Electrical

- a. No decoration light.
- b. No reflective projector and tape light.
- c. Electrical harnesses secured and protected

3.4. Stable Parking

- a. Wheel chock (with wheel chock bracket)
- b. Securely parked in parking area or in the ditch

4. DOCUMENTATION

4.1. Pre-start Inspection Checklist applicable to all vehicles.

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4.2. Contractors must demonstrate quarterly maintenance inspections that have been performed by fleet maintenance inspection shop.

5. GENERAL REQUIREMENTS

5.1. All vehicles that operate at OT site must have fully met the requirements set forth by the Mongolian traffic regulations.

5.2. Vehicles used on public roads must be mechanically intact, insured and registered with permits confirming having passed the national mechanical inspection.

5.3. Modifications and engineered solutions must meet Mongolian traffic regulations' requirements.

5.4. Below are standard requirements for vehicles and mobile equipment operated and to be purchased at OT site:

a) Light vehicle and Mini bus

No	Specifications	Standard Requirement	Purchasing Requirement	Standard
1	Engine	Mandatory	Mandatory	Only diesel engine which meets MNS 5014: 2009. It is prohibited to register vehicles with gasoline powered engine effective from March 2019.
2	Engine heater	Optional	Mandatory	OT owned vehicles must have OEM engine heater fitted.
3	Steering wheel	Mandatory	Mandatory	Left Side.
4	Transmission	Optional	Optional	On site: Automatic or Manual
5	Brakes	Mandatory	Mandatory	Fully functional
6	Supplemental Braking	Optional	Optional	Equipped with engine brake
7	Parking Brake	Mandatory	Mandatory	Shall be able to hold still fully loaded vehicles on 23% an incline angle
8	Wheelbase restriction	Mandatory	Mandatory	Manufacturer standard
9	Minimum Wheel base ground clearance	Mandatory	Mandatory	Manufacturer standard Minimum ground clearance is 270 mm above ground
10	Wheel/tyre configuration	Mandatory	Mandatory	Not to use broken or different tyre rims. No rim flange and wheel cover. Have tyre tread suitable for the seasons Have original tyres which has not exceeded 5 years since the manufactured date and it is prohibited to use restored tyres.
11	Install wheel nut indicators	Mandatory	Mandatory	Manufacturer's original
12	Spare tyre position	Mandatory	Mandatory	Prohibited to place on the roof of cabin. Spare tyre is not required for the OT owned light vehicles operated at OT site. Store and secure in spare tyre designated area of vehicle. Wheel tread and tyre size is required to be same to other tyres of vehicle.
13	Maximum allowable	Optional	Mandatory	Depends on application.

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	kilometer travelled			Purchasing requirement for OT use must be not exceeding 2 years since the manufactured date and 50,000 km run.
14	Speedometer	Mandatory	Mandatory	OEM
15	Reverse alarm	Mandatory	Mandatory	Audible and light
16	Seat belts for all positions	Mandatory	Mandatory	Prohibited to use middle front seat of light vehicle. Front seat of mini bus may have middle seat belt.
17	Auto on headlights	Mandatory	Optional	Headlights should be on when turns ignition switch on.
18	Minimum Tread groove depth	Mandatory	Mandatory	No lower than 1.6-2 mm
19	4WD	Optional	Mandatory	Mandatory for OT owned vehicles.
20	Head restraint for all positions	Optional	Mandatory	Depends on application.
21	Color	Optional	Mandatory	White color for OT owned vehicles. Optional for contractor vehicles.
22	Air conditioner	Mandatory	Mandatory	OEM
23	Seat belt reminder system	Optional	Mandatory	Include reminder sticker on dash if not available.
24	Master switch	Mandatory	Mandatory	OEM lockable and fully isolating the energy. Prohibited to use reformed or manually changed switch.
25	Load restraints (Tie downs)	Optional	N/A	Depends on application.
26	Load restraints point	Mandatory	Mandatory	Based on risk assessment and position of loads.
27	Flag	Mandatory	Optional	Dimension: 3500 mm from ground, 280x250 mm
28	Towing hitch or pin	Optional	Mandatory	Depends on application.
29	Two-way radio	Optional	N/A	Depends on application.
30	GPS – Positioning system	Optional	N/A	GPS system must for all OT owned vehicles. Different positioning system may have been installed on contractor vehicles.
31	Beacon light	Optional	N/A	Depends on application Use light bar and rotating yellow light on the roof of vehicle cab. Light bar refers to reverse light.
32	Wheel chock	Mandatory	Mandatory	Suitable to vehicle
33	Flashlight	Optional	Mandatory	Depends on application.
34	First-aid kit	Mandatory	Mandatory	Complete and not expired.
35	Fire extinguisher	Mandatory	Mandatory	According to MNS 5566:2005 Dry powder extinguishers with pressure gauge and quarterly inspection tag meet standard requirements and must be mounted to a nearby location, easy access.

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				Vehicle must have one 1-2 kg fire extinguisher. May have more than 1 fire extinguisher depending on the vehicle operation.
36	Emergency triangles	Mandatory	Mandatory	Complete 3 emergency triangles
37	Vest with reflective tape	Optional	N/A	Depends on application
38	Wheel jack stand	Optional	Mandatory	Not applicable to OT owned vehicles based on the operation.
39	Emergency hammer	Optional	Mandatory	Depends on application. 2 hammers fitted into mini bus.
40	Cab Window Film	Mandatory	Mandatory	Prohibited to apply window film that restricts the visibility of operator. Mini bus passenger window may have applied.
41	Manual books	Mandatory	Mandatory	Only for OT owned bus: <ul style="list-style-type: none"> Operators manual Maintenance manual Parts manual For Contractor owned buses: <ul style="list-style-type: none"> Passport for Technical Data
*Depending on the type of technical classification, the Oyu Tolgoi Inspection Sheet contains other requirements.				

b) Bus

No	Specifications	Standard Requirement	Purchasing Requirement	Standard
1	Engine	Mandatory	Mandatory	Only Diesel. According to MNS 5013:2009
2	Steering wheel	Mandatory	Mandatory	Left Side. Steering wheel column maybe fixed or adjustable.
3	Transmission	Optional	N/A	On site: Automatic or Manual
4	Brakes	Mandatory	Mandatory	Fully functional.
5	Supplemental Braking	Optional	Optional	Equipped with engine brake.
6	Parking brake	Mandatory	Mandatory	Required to able to hold still fully loaded vehicles on 23% an incline angle
7	Wheel base restriction	Mandatory	Mandatory	Manufacturer standard
8	Minimum Wheel base ground clearance	Mandatory	Mandatory	Manufacturer standard
9	Tyre configuration	Mandatory	Mandatory	Not to use defective or different tyre rims. No rim flange and wheel cover. Have tyre tread suitable for the seasons Have original tyres which has not exceeded 5 years since the manufactured date and it is prohibited to use restored tyres.
10	Position of spare tyres	Mandatory	Mandatory	Prohibited to place on the roof of cab or on passenger area. Store and secure in spare tyre designated area of vehicle.

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				Wheel tread and tyre size is required to be same to other tyres of vehicle.
11	Install wheel nut indicators	Mandatory	Mandatory	Original manufacturer
12	Maximum allowable kilometer travelled	Based on Risk Assessment	Mandatory	Depends on application. Purchasing requirement for OT use must be not exceeding 2 years since the manufactured date and 50,000 km run.
13	Speedometer	Mandatory	Mandatory	OEM
14	Reverse alarm	Mandatory	Mandatory	Audible
15	Seatbelts for all positions	Mandatory	Mandatory	3 point seat belts required for buses purchased since January 2019
16	Auto on headlights	Optional	Mandatory	Headlights should be switched on when ignition switch turned on.
17	Tread groove depth	Mandatory	Mandatory	Greater than 2 mm
18	Head restraint for all positions	Optional	Mandatory	Depends on application.
19	Seatbelt reminder system	Optional	Mandatory	Include reminder sticker on dash if not available
20	Seatbelt reminder system for passengers	Mandatory	Mandatory	Include reminder sticker.
21	Handrails	Mandatory	Mandatory	Passenger handrail height shall not exceed 1800 mm from the floor.
22	Master switch	Mandatory	Mandatory	Only OEM Lockable to ensure full energy isolation. Prohibited to use reformed or manually changed switch.
23	Load	Mandatory	Optional	Inside cab – Cargo barriers required.
24	Flag	Optional	N/A	Depends on application.
25	Two-way radio	Optional	N/A	Depends on application.
26	GPS – Positioning system	Mandatory	N/A	GPS system must for all OT owned vehicles. Different positioning system may have been installed on contractor vehicles.
27	Beacon light	Optional	N/A	Depends on application. Must use rotating yellow light which indicates height limit and direction lights.
28	Wheel chock	Mandatory	Optional	Complete 2ea
29	Flashlight	Optional	Optional	Depends on operating condition.
30	Pressure indicator alarm of air brake system	Mandatory	Mandatory	
31	Fire extinguisher	Mandatory	Mandatory	According to MNS 5566:2005 Dry powder extinguishers with pressure gauge and quarterly inspection tag and must be mounted to a nearby location which has easy access. Vehicle must have two 4 kg fire extinguishers.

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				May have more than 2 fire extinguishers depending on the vehicle operation.
32	First-aid kit	Mandatory	Mandatory	Complete and not expired.
33	Emergency triangles	Mandatory	Mandatory	Complete 3 emergency triangles
34	Vest with reflective tape	Optional	N/A	
35	Wheel jack stand	Optional	Mandatory	Not applicable to OT owned vehicles based on the operation.
36	Air conditioner	Mandatory	Mandatory	OEM
37	Engine block heater	Mandatory	Mandatory	OEM or retro-fitted
38	Cab Window Film	Mandatory	Mandatory	Prohibited to apply window film that restricts the visibility of operator. Bus passenger window may have applied.
39	TV	Optional	Optional	If contains TV, must be fitted and secured safely to ensure no harm to operator and passenger.
40	Emergency hammer	Mandatory	Mandatory	4 hammers must be fitted.
41	Manual books	Mandatory	Mandatory	Only for OT owned bus: <ul style="list-style-type: none"> • Operators manual • Maintenance manual • Parts manual For Contractor owned buses: <ul style="list-style-type: none"> • Passport for Technical Data
*Depending on the type of technical classification, the Oyu Tolgoi Inspection Sheet contains other requirements.				

c) Truck

No	Specifications	Standard Requirement	Purchasing Requirement	Standard
1	Engine	Mandatory	Mandatory	Only Diesel powered engine that meets according to MNS 5013:2009
2	Steering wheel	Mandatory	Mandatory	Left Side. Steering wheel column maybe fixed or adjustable.
3	Transmission	Optional	Optional	On site: Automatic or Manual
4	Brakes	Mandatory	Mandatory	Fully functional
5	Supplemental Braking	Optional	Mandatory	Based on operating condition. Equipped with engine brake Exhaust brake system or equipped with low gear shift.
6	Parking brake	Mandatory	Mandatory	Required to be able to hold still fully loaded vehicles on 23% an incline angle
7	Wheel base restriction	Mandatory	Mandatory	Manufacturer standard
8	Minimum Wheel base ground clearance	Mandatory	Mandatory	Manufacturer standard
9	Position of spare tyres	Mandatory	Mandatory	Prohibited to place on the roof of cab or on passenger area. Store and secure in spare tyre designated area of vehicle.

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				Wheel tread and tyre size is required to be similar to other tyres of vehicle.
10	Maximum allowable kilometer travelled	Mandatory	Mandatory	Purchasing requirement for OT use must be not exceeding 2 years since the manufactured date and 50,000 km run.
11	Speedometer	Mandatory	Mandatory	OEM
12	Install wheel nut indicators	Mandatory	Mandatory	Original manufacturer
13	Reverse alarm	Mandatory	Mandatory	Audible
14	Seatbelts for all positions	Mandatory	Mandatory	Front seat of truck may have middle seat belt.
15	Auto headlights	Mandatory	N/A	Headlights should be switched on when ignition switch turned on.
16	Minimum Tread groove depth	Mandatory	Mandatory	1.6-2 mm
17	4 or more Wheel Drive	Optional	Optional	Depends on operating condition.
18	Head restraints for all positions	Mandatory	Mandatory	
19	Seatbelt reminder system	Optional		Include reminder sticker on dash if not available
20	Master switch	Mandatory	Mandatory	OEM lockable and fully isolating the energy. Prohibited to use reformed or manually changed switch.
21	Flag	Mandatory	N/A	Depends on application Dimension: 3500 mm from ground, 280x250 mm
22	Fifth wheel coupler	Optional	Mandatory	Depends on the application and trailer type.
23	Two-way radio	Optional	N/A	Depends on the work environment.
24	GPS – Positioning system	Mandatory	N/A	GPS system must for all OT owned vehicles. Different positioning system may have been installed on Contractor vehicles.
25	Beacon light	Optional	N/A	Use light bar and rotating yellow light on the roof of vehicle cab. Light bar refers to reverse light.
26	Wheel chocks	Mandatory	Mandatory	Must have wheel chock bracket.
27	Flashlights	Mandatory	Mandatory	
28	Pressure indicator alarm of air brake system	Mandatory	Mandatory	
29	Fire extinguishers	Mandatory	Mandatory	According to MNS 5566:2005 Dry powder extinguishers with pressure gauge and quarterly inspection tag and must be mounted to a nearby location which has easy access. Truck must have one 4 kg and one 2 kg fire extinguishers. May have more than 2 fire extinguishers depending on the vehicle operation.
30	First-aid kit	Mandatory	Mandatory	Complete and not expired.

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31	Emergency triangles	Mandatory	Mandatory	Complete 3 emergency triangles
32	Vest with reflective tape	Optional	N/A	
33	Wheel jack stand	Optional	Mandatory	Not applicable for OT owned vehicles due to operating condition.
34	Air conditioner	Mandatory	Mandatory	
35	Wheel/tyre configuration	Mandatory	Mandatory	Not to use defective or different tyre rims. No rim flange and wheel cover. Have tyre tread suitable for the weather/seasons in the country. Have original tyres which have not exceeded 5 years since the manufactured date and it is prohibited to use restored tyres.
36	Cab window film	Mandatory	N/A	Prohibited to use cab window tint that limits the visibility of an operator, no window film on side windows of an operator. No writing/banners of any kind on windshield.
37	Manual books	Mandatory	Mandatory	Mandatory for vehicles of Oyu Tolgoi LLC: <ul style="list-style-type: none"> • Operation manual • Service manual • Parts manual For Contractor owned vehicles: <ul style="list-style-type: none"> • Passport for Technical Data
*Depending on the type of technical classification, the Oyu Tolgoi Inspection Sheet contains other requirements.				

d) Trailer

No	Specifications	Standard Requirement	Purchasing Requirement	Standard
1	Wheel base restriction	Mandatory	Mandatory	As per Manufacturer standard
2	Minimum ground clearance	Mandatory	Mandatory	As per Manufacturer standard
3	Width of trailer	-	Mandatory	Not exceeding 2,7 m. Permitted width of trailer or semitrailer shall not exceed 10 cm from both sides of the tow vehicle.
4	Trailer Hitch connection	Mandatory	Mandatory	Matches truck locking mechanism Must demonstrate functional cable, harness to brake and lights
5	Landing legs	Mandatory	Mandatory	Weight capacity must be clearly indicated
6	Parking brake	Mandatory	Mandatory	Required to be able to hold still fully loaded trailers on 16% steep angle. Connected to brake system of towing vehicle.
7	Brake	Mandatory	Mandatory	Mandatory to have a brake system that is fully functional.
8	Reverse alarm	Mandatory	Optional	Audible and light
9	Tread groove depth	Mandatory	Mandatory	1.6-2 mm
10	Wheel chocks	Mandatory	Optional	Wheel chocks applicable for wheel size and bracket
11	Fire extinguisher	Mandatory	Mandatory	According to MNS 5566:2005

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				Dry powder extinguishers with pressure gauge and quarterly inspection tag and must be mounted in nearby location, easy access. Vehicle must have two 4 kg fire extinguishers. May have more than 2 fire extinguishers depending on the trailer operation.
12	Safety chain	Mandatory	Mandatory	Must have on one wheel base trailers.
13	Spare tyres	Mandatory	Mandatory	Essentially 2 tyres, 1 tyre onsite application. Store and secure in designed bracket. Wheel tread and tyre size is required to be same to other tyres of trailer.
14	Side marking with reflective tapes	Mandatory	Mandatory	Reflector on each and rear side of trailer.
15	Manual books	Optional	Mandatory	Mandatory for OT owned trailer: <ul style="list-style-type: none"> • Operation manual • Maintenance manual • Parts manual For Contractor owned trailers: <ul style="list-style-type: none"> • Passport for Technical Data
*Depending on the type of technical classification, the Oyu Tolgoi Inspection Sheet contains other requirements.				

e) Mobile equipment

No	Specifications	Standard Requirement	Purchasing Requirement	Standard
1	Engine	Mandatory	Mandatory	Only Diesel engine according to MNS 5014:2009
2	Control panel	Mandatory	Mandatory	Fully functional
3	Start-up system	Mandatory	Mandatory	If equipment has battery, its negative/positive points must have rubber cover and it has to be properly and securely mounted.
4	Measurement	Mandatory	Mandatory	
5	Notes and labels	Mandatory	Mandatory	Must have manufacturer's safety notes and marks.
6	Brake	Mandatory	Mandatory	
7	Parking brake	Mandatory	Mandatory	Require able to hold still fully loaded vehicle on 16% steep angle
8	Reverse alarm	Mandatory	Mandatory	Audible
9	Minimum Tread groove depth	Mandatory	Mandatory	1.6-2 mm
10	Wheel chocks	Mandatory	Mandatory	Wheel chocks applicable for equipment.
11	Fire extinguisher	Mandatory	Mandatory	According to MNS 5566:2005 Dry powder extinguishers with pressure gauge and quarterly inspection tag and must be mounted to a nearby location which has easy access. Equipment must have one 1-2 kg fire extinguisher. May have more than 1 fire extinguisher depending on the operation.
12	Master switch	Mandatory	Mandatory	OEM lockable and fully isolating the energy.

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				Prohibited to use reformed or manually changed switch.
13	Wheel tyre configuration	Mandatory	Mandatory	Not to use defective or different tyre rims. No rim flange and wheel cover. Have tyre tread suitable for the weather/seasons in the country. Have original tyres and it is prohibited to use restored tyres.
14	Manual books	Mandatory	Optional	Mandatory for OT owned equipment: <ul style="list-style-type: none"> • Operation manual • Maintenance manual • Parts manual For Contractor owned equipment: <ul style="list-style-type: none"> • Passport for Technical Data
*Depending on the type of technical classification, the Oyu Tolgoi Inspection Sheet contains other requirements.				

6. MAINTENANCE PROGRAM REQUIREMENTS

- 6.1. Vehicles of Contractors are required to have a documented on-going maintenance service program while working for Oyu Tolgoi LLC or operating at OT site.
- 6.2. The standard work procedure (SWP) used for Oyu Tolgoi owned vehicles is in Appendix A and includes detailed tasks.
- 6.3. The minimum documented maintenance program must include the following items:

a. Engine:

- Check and replace air filter as needed.
- Check the operation of engine and fuel systems.
- Check and top up all fluid levels.
- Visual inspection and adjustment of all belts, hoses and engine components including water pump, oil filter, fan belt and exhaust system.
- To check engine, fuel and coolant system fluid leak.

b. Transmission and Clutch:

- Measure and adjust free play of clutch pedal & linkages.
- Check transmission fluid level.
- Check operation of automatic transmission.

c. Gearbox:

- Check for oil leaks and repair.
- Check, fluid level of gearbox.

d. Rear axle and Chassis:

- Check and tighten leaf spring eyelet, rebound clip, and center bolt.
- Check elasticity of coil spring and plate fastening.
- Check and tighten vertical rod of front axle, inner and outer shaft and axle beam.
- Check fastening and seal of suspension.
- Check and adjust tread groove depth and air pressure of tires.
- Check and tighten front axle joint for free play.
- Check steering knuckle arm and lock and end of a tie rod connection.

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- Check seal of power-steering mechanism.
- Measure and adjust steering wheel free play.

e. Brake system:

- Check brake pedal looseness and operation.
- Check brake operation in field and adjust accordingly.
- Check master cylinder fluid level.
- Check hand brake operation in an incline grade.

f. Cab and compartments:

- Check and tighten parts and fasteners fixed to the chassis frame and cab.
- Check operation of support, hinges, springs, restraint and safety parts in retractable truck cabins, tighten and configure.
- Check fasteners of chassis and load compartment and operation of saddles of semitrailer towing bars, support, towing equipment, towing pins/couplers, and lifting mechanisms.
- Check condition of cabin floor, bumper, and mud flap of passenger cars and buses.
- Check door locks, handles, window winding mechanism, and mirror adjusters.
- Check door seals for air leaks and noise inside and outside the cabin.

g. Fuel system:

- Check seals of fuel tank.
- Check high-pressure fuel pump operation.
- Check, drain and clean fuel filter and water separators.
- Check fuel system for leaks and repair/adjust.

h. Electrical system:

- Clean batteries and seal of battery vent hole and casing.
- Check windshield wipers, horn and lights and dashboard gauges
- Check fasteners of generators and starters
- Check operation of other additional electrical equipment

i. Chassis Lubrication:

- Lubricate driveline, suspension and steering systems, door hinges where required

7. APPROVAL PROCESS

7.1. Before an inspection can be arranged, Contractors shall submit the following information to the OT Contractor Engagement Team:

- LV number (if received from OT previously);
- Vehicles specifications;
- Plate number;
- Serial number;
- Company name;
- Type of vehicle;
- Type of fuel;
- Expiry date of state inspection; and
- Expiry date of technical inspection at OT site.

7.2. OT Contractor Engagement Team communicates back the date, time and location of technical inspection of Contractor owned vehicles.

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- 7.3. The Contractor vehicle must arrive at the designated time and location with vehicle. Vehicles that do not arrive at designated date and time will be considered as having failed the inspection.
- 7.4. If the vehicle passes the inspection, the inspection engineer hands the driver the Technical inspection sheet.
- 7.5. The Contractor submits the *Technical inspection sheet* to the "Site permit distribution" at the north entrance of OT and receives permit for the concerned vehicle. With the permit, vehicles are allowed to enter the OT site and be serviced at site gas station.
- 7.6. The Technical inspection sheets define the equipment condition standards required to operate at Oyu Tolgoi. Vehicles must be maintained to these standards from 3 months to 6 months Roadworthy inspections. *The inspection sheets are found in appendix B.*

8. DEFINITIONS

- 8.1. **Light vehicle:** Vehicles (with trailer less than 750 kg) with less than 8 passenger seats excluding driver and with gross weight less than 3500 kg shall fall in this category.
- 8.2. **Bus/ Mini bus:** Passenger vehicles with more than 8 passenger seats excluding driver.
- 8.3. **Truck:** All types of land-based trucks with gross weight above 3500 kg shall fall within this category regardless of their payload capacity and purpose (special cranes, etc.). Payload capacity of trailers shall not exceed 5000 kg.
- 8.4. **Trailer:** Trailers hauled by tractors, conveyor mechanisms and/or segments with work equipment.
- 8.5. **Vehicle:** Vehicle means all kinds of vehicles, trailers and electric vehicles weighing less than 4500 kg gross that used for passenger and load transportation. It also includes any mechanized and wheeled vehicles used for work purposes, including light and mobile equipment excluding train locomotives and any railway cars.
- 8.6. **Mobile equipment:** All kinds of equipment including but not limited to tractor, self-moving vehicles and its trailers, heater, welding machine, compressor, bob-cat, light tower and generators with trailer or non-trailer generators.

9. REFERENCES AND RELATED DOCUMENT

	Name	Location
Legal and Other Requirements	Rio Tinto C3 vehicles and Driving Standard	Prospect; http://www.estandard.mn/ www.legalinfo.mn
	General requirement for technical condition of road vehicles MNS 4598:2011 (MNS 4598:98)	
	Heavy truck vehicle. General requirement MNS 6278:2011	
	Traffic Safety Law of Mongolia Traffic Rules of Mongolia	
	Utilization indicator for road vehicle Classification, General requirement	
Oyu Tolgoi HSE	Rio Tinto Light Vehicle Guideline	OT HSE Portal
	Standard Notices and Signs Procedure OT-10-PRC-0005-E	

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Management System	Tyre and Rims Management Plan OT-10-C3-PRC-0004-E	
	Light vehicle procedure OT-10-C3-PRC-0003-E	
	Road Construction and Maintenance Procedure OT-10-C3-PRC-0001-E	
	OT-CSS-Journey Management Procedure_v5.0_ENG – Travel management procedure	

10. DOCUMENT CONTROL

File Name	OT-10-C3-PRC-0005-E- Standard requirements for vehicles and mobile equipment.
Description	Standard requirements for vehicles and mobile equipment
Original Author(s)	Khurelsukh S, Battur U, Naranjargal B
Creation date	2015.02.10
Change Record Number	#

Risk Ranking	Assessment Date	Risk Assessor	Review Schedule	Next Review Date
Low	2015.05.28	John Hecker	3 yearly	2022.03.14

Version	Revision Date	Author(s)	Approved by	Revision Notes
0.0	2015.02.16	Khurelsukh S, Battur U, Naranjargal B	Scott Brown	Draft
1.0	2015.05.08	John Hecker, Baysal B	Scott Brown	Reviewed and approved
1.1	2016.10.30	David Thornely	Steve Wood (C3 Committee)	(MOC #16008 approved on 2016.11.21) Updated to include reference to Introduction to Equipment to Site procedure
1.2	2018.11.20	Uyanga Lkhagvasuren	Chinbat Jamiyan	Updated to include the bus requirements reflecting the RT Mass Transport Procedure
1.3	2019.03.14	Baasandash Badam	Biziyabal Jadamba	GAP assessment-C3



OYU TOLGOI LLC

Standard Requirements for Vehicles and Mobile Equipment		
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11. DOCUMENT APPROVAL

Approved date

Approved by

Signature

Company stamps

Procedure Owner:

Murray Swyripa

General Manager, PSES

Procedure Approver:

Armando Torres

Chief Executive Officer
Oyu Tolgoi LLC



(Handwritten signatures in blue ink)

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12. APPENDIX A

- 12.1. Detailed maintenance checklist

13. APPENDIX B

- 13.1. Inspection sheet – Light vehicle
- 13.2. Inspection sheet – Truck
- 13.3. Inspection sheet – Bus
- 13.4. Inspection sheet – Trailer
- 13.5. Inspection sheet – Truck cabin
- 13.6. Inspection sheet – Forklift
- 13.7. Inspection sheet – Excavator
- 13.8. Inspection sheet – Tractor
- 13.9. Inspection sheet – Grader
- 13.10. Inspection sheet – Loader
- 13.11. Inspection sheet - Generator
- 13.12. Inspection sheet - Light Plant
- 13.13. Inspection sheet – Auxiliary Equipment
- 13.14. Inspection sheet - Compactor
- 13.15. Inspection sheet – Air compressor
- 13.16. Inspection sheet - EWP
- 13.17. Inspection sheet - Dozer
- 13.18. Inspection sheet - Crane
- 13.19. Inspection sheet - Drill
- 13.20. Inspection sheet – Truck Cabin
- 13.21. Inspection sheet – Concrete pump
- 13.22. Inspection sheet – Truck Crane