



## JV Management System

Doc Number : GMJV-KeNHA-BRW-WOM039FM008  
 Revision : 01  
 Doc Type : Form  
 Author/Owner : Wellington Odali  
 Reviewed by : Maurice Ademba  
 Effective Date : January 2022  
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 Number Pages : Page 1 of 3  
 Approved by : Godfrey Walala

### Title: Daily Maintenance Report

Site Name		Dongo Weighbridge		
Dates/Duration		10/08/2022		
Technician Name		Richard Kiseru		
Systems		System Check		Comments/issues/observations
		X	✓	
Electrical Systems	<b>VOLTAGE</b>			
	<b>LINE VOLTAGE</b>			
	L1-L2	418	✓	} Voltages OK.
	L1-L3	418	✓	
	L2-L3	419	✓	
	<b>PHASE VOLTAGE</b>			
	L1-N	241	✓	} Voltages OK.
	L2-N	240	✓	
	L3-N	240	✓	
	<b>PHASE &amp; EARTH</b>			
	L1-E	240	✓	} Voltages OK.
	L2-E	239	✓	
	L3-E	240	✓	
	<b>OTHER APPLIANCES</b>			
	Isolators		✓	OK
	MCCBs		✓	OK
	Contactors		✓	OK
	MCBs		✓	OK
Photocells		✓	OK	
Scales systems	Check the following:-			
	Scale Accuracy		✓	OK
	Indicator Functionality		✓	OK
	System Grounding		✓	OK
	External Display	X		N/A



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<b>Traffic control system</b> Check the following:-	Booms functionality	x		Faulty
	Traffic lights	x		N/A
	Clean cameras		✓	OK
	Network equipment		✓	OK
<b>Generator</b> Check the following:-	Battery Voltage		✓	13.4v
	Test run genset		✓	OK
	Fuel level		✓	Full tank.
	Voltages on test run(vac)		✓	OK
	Run hours to service		✓	33.9
	Emergency button		✓	OK.
<b>Buildings &amp; General Maintenance</b> Check the following:-	Power to Buildings		✓	OK
	Power to Switches		✓	OK
	Power to socket outlets		✓	OK
	Power to Bulbs		✓	OK
	Power to Floodlights		✓	OK
	Air Conditioners		✓	OK
	Leaking Roof		✓	NONE
	Drainage		✓	OK



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### Title: Daily Maintenance Report

Others				
<b>Health, Safety &amp; Environment</b>				
Check the following:	Adherence to safety procedures by staff		✓	} Safety & PPE well adhered.
	Adheres to min PPE		✓	
	Potential hazards		✓	

Prepared By: (Technician) Richard Kizira Sign [Signature]

Checked By: (Duty Manager) DUNAN ONG'ORO Sign [Signature]







## JV Management System

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### Title: SCALE ANPR, SCALE SIDE VIEW & CCTV CAMERAS CHECK LIST

### SCALE ANPR, SCALE SIDE VIEW & CCTV CAMERAS CHECKLIST

Name of Technician

Richard Kizira

Date or Duration valid

10/08/2022

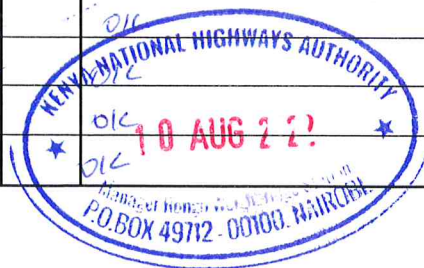
Site Name

Rungu Weighbridge

CAMERAS CHEKLIST	FREQ	✓	X	Comments
<b>ANPR &amp; Side View photos</b>				
1. Check with the system administrators at the image server all cameras to ensure they are all ON	D	✓		OIC
2. If all cameras are OFF check the single phase consumer unit at the weighing room for any tripped MCB	D	✓		OIC
3. If the cameras are OFF randomly, check the yellow boxes at the camera pole for a tripped MCB or a faulty blue ginger PSU (check LED)	D	✓		OIC
4. If blue ginger and/or circuit breaker are faulty after testing the input and output ensure they are replaced (AC circuit breaker input & output=240V while Blue ginger input AC 240V & output DC 12V)	D	✓		OIC
5. If 4 above is true test the camera functionality from the server with the system admin	D	✓		OIC
6. Inspect cameras' 4 port IP switches in the outdoor housing-Check that its powered, ports LED blinking, cables connected securely	W	✓		OIC
7. Inspect all cameras for physical damage or misalignment	D	✓		OIC
8. Inspect cameras view relative to master alignment photo.	D	✓		OIC
9. If camera is misaligned after 7 above, realign the camera as required and test the view from the image server again	D	✓		OIC
10. Wipe all camera view window with a clean damp cloth followed by a dry lint free cloth till the window is clean	W	✓		OIC
11. Inspect the lanes next to the cameras for probable danger of knocking the poles and advise accordingly	D	✓		OIC
12. Check floodlights for proper functionality-ON/OFF status as required- (Night inspection)	W	✓		OIC
13. Check floodlights for proper alignment	W	✓		OIC
<b>CCTV</b>				
1. Check at the LED monitor for ON or OFF status for all CCTV cameras	D	✓		OIC
2. If any camera is OFF check the single phase consumer unit at the weigh room for any tripped MCB	D	✓		OIC
3. Check BNC connectors for proper connections at the back of the DVR in case 2 above is ON and cameras are still OFF	D	✓		OIC
4. Check for proper focus of each CCTV camera	W	✓		OIC
5. If any camera is off focus, have a person (system admin) at the screen and yourself at the camera to adjust the focus knobs under the Redi view cameras till focus is restored.	W	✓		OIC
6. Check the playback of the CCTV cameras at the DVR at different dates and time	W	✓		OIC
7. Inspect the CCTV cameras for physical damage and misalignment	W	✓		OIC
8. If misaligned after 6 above ensure they are correctly aligned as the per the master alignment photo	W	✓		OIC
9. Wipe all camera view window with a clean damp cloth followed by a dry lint free cloth till the window is clean	W	✓		OIC

### NOTES

1. Use a lint free cloth to clean Camera lenses and windows
2. Use a properly functioning multimeter to measure voltage
3. Ensure you have all minimum personal protective safety gear while working at heights





## JV Management System

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### Title: Loggers Checklist

#### LOGGERS CHECKLIST

Name of Technician

Richard Kisinga

Date or Duration valid

10/08/2022

Site Name

Rongo Weighbridge

LOGGER CHECK LIST	FREQ	ON/V	OFF/X	COMMENTS
Physical Checks				
1. Check AC MCB on the LHS	D	✓		OK
2. Battery Charger Status	D			} Charger faulty
3. Battery charging	D			
4. Loops CPU LED	D	✓		OK
5. Loops LEDs	D	✓		OK
6. CPU LEDs	D	✓		OK
7. Classification LEDs	D	✓		OK
8. Check cables-loops and other communication cables	D	✓		OK
9. Functionality checks	2*D			} Mod connected to hyperterminal
Functional Checks				
1. Connect to Hyperterminal on Laptop	2*D			
2. Press I to check for setup information (date, time, site name)	2*D			
3. Press Q to check loop frequencies	2*D			
4. Press lane numbers (1,2,3...) and check lane vehicle information	2*D			
check the logical reaction of the logger on each lane	2*D			
6. Log off by pressing O	2*D			

#### NOTES

1. While doing the functional test, have a laptop with hyperterminal software installed and a USB to serial converter
2. Ensure the outdoor housing is free of dust before locking
3. Ensure housing is properly locked after the procedure

Prepared By: (Technician)

Richard Kisinga

Sign

Checked By: (Asst Weighbridge Manager)

Duncan Odinga

Sign







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Title: Generator Start-Up Form

Name of Technician

Richard Kibira

Date or Duration valid

10/08/2022

Site Name

Rungu Werghbridge

### GENERATOR START UP PROCEDURE-14KVA 3PHASE TEKSAN GENERATOR

	✓	X	COMMENTS
1. Ensure the emergency (RED) buttons are NOT pressed in. If pressed-in twist clockwise and the button will pop out.	✓		O/K
2. Press the STOP soft key for 2 seconds to clear any old emergency status	✓		O/K
3. Press the AUTO soft key till the GREEN LED appears to show the generator is on automatic standby.	✓		O/K
4. In case the generator is switched off using the emergency button, follow the steps 1 to 3	✓		O/K
5. Whenever the generator does not start automatically and its on AUTO standby, press the OFF soft key button then press either AUTO	✓		O/K
6. When generators comes ON after procedure 5. above press the AUTO soft key	✓		O/K
7. To stop the generator whenever the automatic change over does not switch it OFF use the STOP soft key not the EMERGENCY	✓		O/K
8. Always ensure before locking the generator shelter that you inspect it for leakages. Follow steps 1 and finally inspect	✓		O/K



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Title: Generator Start-Up Form

### RESETTING THE GENERATOR AFTER SERVICE ALARMS COME ON

1. Use the programme (PGM) arrow < > soft keys to select the function on the controller screen.	✓		OK
2. Select COUNTERS screen, the first screen will show engine total hours of running, after pressing the arrow key again, the second COUNTERS screen will show Engine hours to service	✓		OK
3. If the hours (100hrs) to service request have already been achieved and the alarm lamp for service request and the hazard lamp are ON, call the service provider immediately	✓		OK
4. To enable the generator to run before the service provider is on site, clear the alarms by pressing the test lamp ☀ and the alarm ☰ soft key buttons together for 2secs till alarm ! Clears then press the STOP soft key button to clear the alarm for service request.	✓		OK
5. Press the AUTO button soft key button.	✓		OK



Prepared By: (Technician)

Richard Kisira

Sign

Checked By: (Duty Manager)

Duncan Odingo

Sign