

## Title: Daily Maintenance Report

Site Name		KONGO WEIGHBRIDGE		
Dates/Duration		15.08.2022		
Technician Name		HILARY DUMA NDO		
Systems	VOLTAGE	System Check		Comments/issues/observations
		X	✓	
Electrical Systems	<u>LINE VOLTAGE</u>	-		
	L1-L2	417	✓	All the voltages are OK
	L1-L3	416	✓	
	L2-L3	416	✓	
	<u>PHASE VOLTAGE</u>		✓	
	L1-N	236	✓	
	L2-N	235	✓	
	L3-N	235	✓	
	<u>PHASE &amp; EARTH</u>			
	L1-E	236	✓	
	L2-E	237	✓	
	L3-E	237	✓	
	<u>OTHER APPLIANCES</u>			
	Isolators		✓	All functional.
	MCCBs		✓	
Contactors		✓		
MCBs		✓		
Photocells		✓		
Scales systems	Check the following:-			
	Scale Accuracy		✓	Accurate
	Indicator Functionality		✓	functional
	System Grounding		✓	OK
	External Display	X		N/A.



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<b>Traffic control system</b> Check the following:-	Booms functionality	✓		✓
	Traffic lights	✓		✓
	Clean cameras		✓	✓
	Network equipment		✓	✓
				✓
<b>Generator</b> Check the following:-	Battery Voltage		✓	✓
	Test run genset		✓	✓
	Fuel level		✓	✓
	Voltages on test run(vac)		✓	✓
	Run hours to service		✓	✓
	Emergency button		✓	✓
				✓
<b>Buildings &amp; General Maintenance</b> Check the following:-	Power to Buildings		✓	✓
	Power to Switches		✓	✓
	Power to socket outlets		✓	✓
	Power to Bulbs		✓	✓
	Power to Floodlights		✓	✓
	Air Conditioners		✓	✓
	Leaking Roof	✓		✓
	Drainage	✓		✓



## JV Management System

Doc Number : GMJV-KeNHA-BRW-WOM039FM008  
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### Title: Daily Maintenance Report

Others				
Health, Safety & Environment				
Check the following:	Adherence to safety procedures by staff		✓	Adhered to
	Adheres to min PPE		✓	
	Potential hazards	X		N/A

Prepared By: (Technician) HUMART DUNGA Sign [Signature]  
Checked By: (Duty Manager) DUNCAN DUNGA Sign [Signature]







## JV Management System

Doc Number : GMJV-KeNHA-BRW-WOM039FM002

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Title: Generator Start-Up Form

**Name of Technician**

HILLARY DNYANOO

**Date or Duration valid**

15.08.2022

**Site Name**

RONGO

### 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.	✓		Done
2. Press the STOP soft key for 2 seconds to clear any old emergency status	✓		Ok
3. Press the AUTO soft key till the GREEN LED appears to show the generator is on automatic standby.	✓		Ok
4. In case the generator is switched off using the emergency button, follow the steps 1 to 3	✓		Ok
5. Whenever the generator does not start automatically and its on AUTO standby, press the OFF soft key button then press either AUTO	✓		Ok
6. When generators comes ON after procedure 5. above press the AUTO soft key	✓		Ok
7. To stop the generator whenever the automatic change over does not switch it OFF use the STOP soft key not the EMERGENCY	✓		Ok
8. Always ensure before locking the generator shelter that you inspect it for leakages. Follow steps 1 and finally inspect	✓		Done



## JV Management System

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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)

HILLARY ONYANDO

Sign

Checked By: (Duty Manager)

DUNCAN ODIAO

Sign







# 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

HILLARY DWYARD

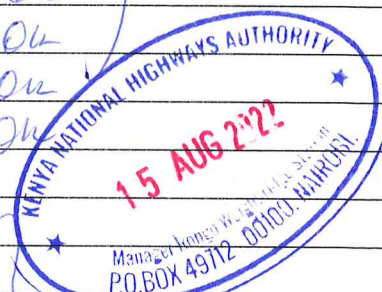
Date or Duration valid

15.08.2022

Site Name

RONGO.

CAMERAS CHECKLIST	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	✓		OK
2. If all cameras are OFF check the single phase consumer unit at the weighing room for any tripped MCB	D	✓		OK
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	✓		OK
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	✓		OK
5. If 4 above is true test the camera functionality from the server with the system admin	D	✓		OK
6. Inspect cameras' 4 port IP switches in the outdoor housing-Check that its powered, ports LED blinking, cables connected securely	W	✓		OK
7. Inspect all cameras for physical damage or misalignment	D	✓		OK
8. Inspect cameras view relative to master alignment photo.	D	✓		OK
9. If camera is misaligned after 7 above, realign the camera as required and test the view from the image server again	D	✓		OK
10. Wipe all camera view window with a clean damp cloth followed by a dry lint free cloth till the window is clean	W	✓		OK
11. Inspect the lanes next to the cameras for probable danger of knocking the poles and advise accordingly	D	✓		OK
12. Check floodlights for proper functionality-ON/OFF status as required- (Night inspection)	W	✓		OK
13. Check floodlights for proper alignment	W	✓		OK
<b>CCTV</b>				
1. Check at the LED monitor for ON or OFF status for all CCTV cameras	D	✓		OK
2. If any camera is OFF check the single phase consumer unit at the weigh room for any tripped MCB	D	✓		OK
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	✓		OK
4. Check for proper focus of each CCTV camera	W	✓		OK
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	✓		OK
6. Check the playback of the CCTV cameras at the DVR at different dates and time	W	✓		OK
7. Inspect the CCTV cameras for physical damage and misalignment	W	✓		OK
8. If misaligned after 6 above ensure they are correctly aligned as the per the master alignment photo	W	✓		OK
9. Wipe all camera view window with a clean damp cloth followed by a dry lint free cloth till the window is clean	W	✓		OK



### 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

HILLARY OMANDO

Date or Duration valid

15.08.2022

Site Name

RONGO.

LOGGER CHECK LIST	FREQ	ON/I	OFF/X	COMMENTS
<b>Physical Checks</b>				
1. Check AC MCB on the LHS	D	✓		OK
2. Battery Charger Status	D		X	} Charger and Battery faults
3. Battery charging	D		X	
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	✓		OK
<b>Functional Checks</b>				
1. Connect to Hyperterminal on Laptop	2*D		X	} Not connected to the Hyperterminal
2. Press I to check for setup information (date, time, site name)	2*D		X	
3. Press Q to check loop frequencies	2*D		X	
4. Press lane numbers (1,2,3...) and check lane vehicle information	2*D		X	
check the logical reaction of the logger on each lane	2*D		X	
6. Log off by pressing O	2*D		X	

#### 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) HILLARY OMANDO

Sign

Checked By: (Asst Weighbridge Manager) DONALD OMBATO

Sign