

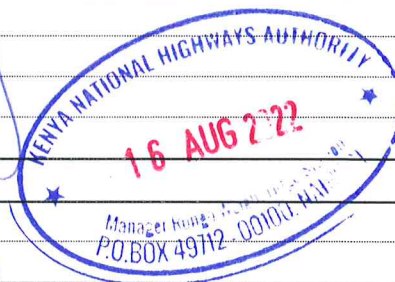


# JV Management System

Doc Number : GMJV-KeNHA-BRW-WOM039FM008  
 Revision : 01  
 Doc Type : Form  
 Author/Owner : Wellington Odali  
 Reviewed by: Maurice Ademba  
 Effective Date : January 2022  
 Review Date : January 2023  
 Number Pages : Page 1 of 3  
 Approved by : Godfrey Walala

## Title: Daily Maintenance Report

Site Name		RONGO WEICH BRIDGES		
Dates/Duration		16.08.2022		
Technician Name		HILLARY ONTAMBO		
Systems		System Check		Comments/issues/observations
		X	✓	
	<b>VOLTAGE</b>			
<b>Electrical Systems</b>	<b>LINE VOLTAGE</b>			
	L1-L2	418	✓	All shapes ok
	L1-L3	417	✓	
	L2-L3	418	✓	
	<b>PHASE VOLTAGE</b>			
	L1-N	238	✓	
	L2-N	237	✓	
	L3-N	237	✓	
	<b>PHASE &amp; EARTH</b>			
	L1-E	238	✓	
	L2-E	238	✓	
	L3-E	238	✓	
	<b>OTHER APPLIANCES</b>			
	Isolators		✓	All functional.
MCCBs		✓		
Contactors		✓		
MCBs		✓		
Photocells		✓		
<b>Scales systems</b>				
Check the following:-	Scale Accuracy	✓	ok	
	Indicator Functionality	✓	ok	
	System Grounding	✓	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		✓	} on
	Network equipment		✓	
<b>Generator</b> Check the following:-	Battery Voltage		✓	13.6V
	Test run genset		✓	Done
	Fuel level		✓	3/4 tank
	Voltages on test run(vac)		✓	L-L-417V, L-N-233V
	Run hours to service		✓	380 hours
	Emergency button		✓	OK
<b>Buildings &amp; General Maintenance</b> Check the following:-	Power to Buildings		✓	} All supplies on
	Power to Switches		✓	
	Power to socket outlets		✓	
	Power to Bulbs		✓	
	Power to Floodlights		✓	
	Air Conditioners		✓	OK
	Leaking Roof	X		N/A
	Drainage	X		



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

Prepared By: (Technician) HILLARY ONYANDO

Sign DSH

Checked By: (Duty Manager) DUNCAN ONG'ATI

Sign [Signature]







## JV Management System

Doc Number : GMJV-KeNHA-BRW-WOM039FM002

Revision : 01

Doc Type : Form

Author/Owner : Wellington Odali

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Effective Date : January 2022

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Number Pages : Page 1 of 2

Approved by : Godfrey Walala

Title: Generator Start-Up Form

Name of Technician HILLARY OMANDO

Date or Duration valid 16.02.2022

Site Name ROWGO

### 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



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Number Pages : Page 2 of 2

Approved by : Godfrey Walala

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 ONYANGO Sign [Signature]

Checked By: (Duty Manager) Duncan ONYANGO Sign [Signature]





## JV Management System

Doc Number : GMJV-KeNHA-BRW-WOM039FM007

Revision : 01

Doc Type : Form

Author/Owner : Wellington Odali

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Number Pages : Page 1 of 1

Approved by : Godfrey Walala

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

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

Name of Technician

HILARY OMYANDO

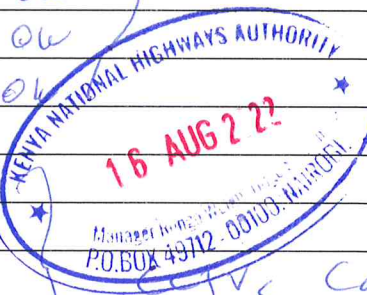
Date or Duration valid

16.08.2022

Site Name

Rongu.

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	✓		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



## Title: Loggers Checklist

### LOGGERS CHECKLIST

Name of Technician

HILARY DNYANDU

Date or Duration valid

16.08.2022

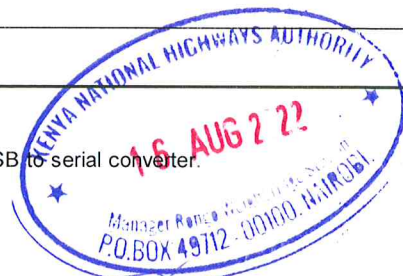
Site Name

RONGO

LOGGER CHECK LIST	FREQ	ON/✓	OFF/X	COMMENTS
<b>Physical Checks</b>				
1. Check AC MCB on the LHS	D	✓		OK
2. Battery Charger Status	D		X	} Battery and charger faulty.
3. Battery charging	D		X	
4. Loops CPU LED	D	✓		} loops OK
5. Loops LEDs	D	✓		
6. CPU LEDs	D	✓		
7. Classification LEDs	D	✓		} functional.
8. Check cables-loops and other communication cables	D	✓		
9. Functionality checks	2*D	✓		
<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

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



Prepared By: (Technician) HILARY DNYANDU

Sign

Checked By: (Asst Weighbridge Manager) DONCAN ODALI

Sign