GOKHAN & MASTERSPACE JV LIMITED	JV Management System	Doc Number : GMJV-KeNHA-BRW-WOM039FM008 Revision : 01 Doc Type : Form Author/Owner : Wellingtone 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	RONDO WEIGHBRIDGE
Dates/Duration	18.08.2022
Technician Name	HILLARY OKINYI

Systems			System Check X	System Check √	Comments/issues/observations
	VOLTAGE				
Electrical Systems	***LINE VOLTAGE***	-			
	L1-L2	417		✓	
	L1-L3	416		✓	
	L2-L3	417		✓	All Voltages are OK.
	PHASE VOLTAGE				
	L1-N	235		✓	
	L2-N	236		✓	
	L3-N	235		✓	
	PHASE & EARTH				
	L1-E	237		✓	
	L2-E	236		✓	
	L3-E	236		✓	
	OTHER APPLIANCES				
	Isolators			✓	
	MCCBs			✓	
	Contactors			✓	All functional
	MCBs			✓	
	Photocells			✓	
Scales systems *Check the following:-*	*Scale Accuracy*			✓	OK
	Indicator Functionality			✓	Functional
	System Grounding			✓	OK
	External Display		X		N/A

KENYA NATIONAL HIGHWAYS AUTHORITY
18 AUG 2022
Manager
P.O.BOX 49712-00100 NAIROBI

Title: Daily Maintenance Report

Traffic control system *Check the following:-*	*Booms functionality*	X		faulty
	Traffic lights	X		N/K
	Clean cameras		✓	OK
	Network equipment		✓	
Generator *Check the following:-*	Battery Voltage		✓	13.6 V
	Test run genset		✓	Done
	Fuel level		✓	Full tank
	Voltages on test run(vac)		✓	L-L-417V, L-N-230V
	Run hours to service		✓	24.4 hours OK
	Emergency button		✓	OK
Buildings & General Maintenance *Check the following:-*	Power to Buildings		✓	Supplies OK
	Power to Switches		✓	
	Power to socket outlets		✓	
	Power to Bulbs		✓	
	Power to Floodlights		✓	
	Air Conditioners		✓	OK
	Leaking Roof	X		N/A
	Drainage	X		

Title: Daily Maintenance Report

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

Prepared By: (Technician) HILLARY ONYANDO Sign

Checked By: (Duty Manager) DUNCAN ONGIRO Sign

KENYA NATIONAL HIGHWAYS AUTHORITY
18 AUG 2022
Manager Kenya National Highways Authority
P.O.BOX 49712-00100, NAIROBI.

GOKHAN & MASTERSPACE JV LIMITED	JV Management System	Doc Number : GMJV-KeNHA-BRW-WOM039FM002 Revision : 01 Doc Type : Form Author/Owner : Wellingtone Odali Reviewed by: Maurice Ademba Effective Date : January 2022 Review Date : January 2023 Number Pages : Page 1 of 2 Approved by : Godfrey Walala

Title: Generator Start-Up Form

Name of Technician HILLARY OKINYI

Date or Duration valid 18.08.2022

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. Incase 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 afrer 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	✓		Ok

GOKHAN & MASTERSPACE JV LIMITED	JV Management System	Doc Number : GMJV-KeNHA-BRW-WOM039FM002 Revision : 01 Doc Type : Form Author/Owner : Wellingtone Odali Reviewed by: Maurice Ademba Effective Date : January 2022 Review Date : January 2023 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.	✓		Done
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	✓		On
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	✓		On
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 Ξ◄ soft key buttons together for 2secs till alarm ! Clears then press the STOP soft key button to clear the alarm for service request.	✓		On
5. Press the AUTO button soft key button.	✓		On

Prepared By: (Technician) HILLARY OKINYI **Sign** [signature]

Checked By: (Duty Manager) DUNCAN ONGAYO **Sign** [signature]

KENYA NATIONAL HIGHWAYS AUTHORITY
18 AUG 2022
Manager Kongo Weighbridge Station
P.O.BOX 49712 - 00100, NAIROBI.

GOKHAN & MASTERSPACE JV LIMITED	JV Management System	Doc Number : GMJV-KeNHA-BRW-WOM039FM007 Revision : 01 Doc Type : Form Author/Owner : Wellingtone Odali Reviewed by: Maurice Ademba Effective Date : January 2022 Review Date : January 2023 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 HILLARY OKINYI

Date or Duration valid 18-08-2022

Site Name RONGO

CAMERAS CHEKLIST	FREQ	√	X	Comments
ANPR & Side View photos				
1. Check with the system administrators at the image server all cameras to ensure they are all ON	D	✓		ANPR and SV cameras OK but not integrated with the konload.
2. If all cameras are OFF check the single phase consumer unit at the weighing room for any tripped MCB	D	✓		
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	✓		
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	✓		
5. If 4 above is true test the camera functionality from the server with the system admin	D	✓		
6. Inspect cameras' 4 port IP switches in the outdoor housing-Check that its powered, ports LED blinking, cables connected securely	W	✓		
7. Inspect all cameras for physical damage or misalignment	D	✓		
8. Inspect cameras view relative to master alignment photo.	D	✓		
9. If camera is misaligned after 7 above, realign the camera as required and test the view from the image server again	D	✓		
10. Wipe all camera view window with a clean damp cloth followed by a dry lint free cloth till the window is clean	W	✓		
11. Inspect the lanes next to the cameras for probable danger of knocking the poles and advise accordingly	D	✓		
12. Check floodlights for proper functionality-ON/OFF status as required-(Night inspection)	W	✓		
13. Check floodlights for proper alignment	W	✓		
CCTV				
1. Check at the LED monitor for ON or OFF status for all CCTV cameras	D	✓		All CCTV are OK and focused.
2. If any camera is OFF check the single phase consumer unit at the weigh room for any tripped MCB	D	✓		
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	✓		
4. Check for proper focus of each CCTV camera	W	✓		
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	✓		
6. Check the playback of the CCTV cameras at the DVR at different dates and time	W	✓		
7. Inspect the CCTV cameras for physical damage and misalignment	W	✓		
8. If misaligned after 6 above ensure they are correctly aligned as the per the master alignment photo	W	✓		
9. Wipe all camera view window with a clean damp cloth followed by a dry lint free cloth till the window is clean	W	✓		

KENYA NATIONAL HIGHWAYS AUTHORITY 18 AUG 2022 P.O.BOX 49712-00100, NAIROBI

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

GOKHAN & MASTERSPACE JV LIMITED	JV Management System	Doc Number : GMJV-KeNHA-BRW-WOM039FM005 Revision : 01 Doc Type : Form Author/Owner : Wellingtone Odali Reviewed by: Maurice Ademba Effective Date : January 2022 Review Date : January 2023 Number Pages : Page 1 of 1 Approved by : Godfrey Walala

Title: Loggers Checklist

LOGGERS CHECKLIST

Name of Technician HILLARY OKINYI

Date or Duration valid 18.08.2022

Site Name RONGO.

LOGGER CHECK LIST	FREQ	ON/√	OFF/X	COMMENTS
Physical Checks				
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	✓		
8. Check cables-loops and other communication cables	D	✓		Functional
9. Functionality checks	2*D	✓		
Functional Checks				
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

KENYA NATIONAL HIGHWAYS AUTHORITY 18 AUG 2022 Manager R.G. P.O.BOX 49712 - 00100 NAIROBI

Prepared By: (Technician) HILLARY OKINYI **Sign**

Checked By: (Asst Weighbridge Manager) DUNCAN ONGAYO **Sign**