



JV Management System

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

Title: Daily Maintenance Report

Site Name		RONGO NEIGHBORHOOD		
Dates/Duration		19-08-2022		
Technician Name		HILARY DWYANPO		
Systems		System Check		Comments/issues/observations
		X	✓	
Electrical Systems	VOLTAGE			
	LINE VOLTAGE			
	L1-L2	406	✓	All voltages ok
	L1-L3	417	✓	
	L2-L3	417	✓	
	PHASE VOLTAGE			
	L1-N	235	✓	All are functional
	L2-N	236	✓	
	L3-N	235	✓	
	PHASE & EARTH			
	L1-E	235	✓	All are functional
	L2-E	235	✓	
	L3-E	236	✓	
	OTHER APPLIANCES			
	Isolators		✓	
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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Traffic control system Check the following:-	Booms functionality	X		Faulty.
	Traffic lights	X		N/A
	Clean cameras		✓	} ok
	Network equipment		✓	
Generator Check the following:-	Battery Voltage		✓	13.6V
	Test run genset		✓	Done
	Fuel level		✓	Full tank
	Voltages on test run(vac)		✓	L-L-417V, L-N-233V
	Run hours to service		✓	2811 hours
	Emergency button		✓	ok
Buildings & General Maintenance Check the following:-	Power to Buildings		✓	} All supplies ok
	Power to Switches		✓	
	Power to socket outlets		✓	
	Power to Bulbs		✓	
	Power to Floodlights		✓	
	Air Conditioners		✓	
	Leaking Roof	X		N/A
	Drainage	X		N/A



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

Prepared By: (Technician) HILARY ORLANDO

Sign [Signature]

Checked By: (Duty Manager) DUNCAN ODOKA TO

Sign [Signature]





JV Management System

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Approved by : Godfrey Walala

Title: Generator Start-Up Form

Name of Technician

HILLARY OMYANDO

Date or Duration valid

19-08-2022

Site Name

RONKO.

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	✓		Done
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	✓		Ok



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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 OUMANO Sign OSV

Checked By: (Duty Manager) DUNCAN OGIRO Sign [Signature]





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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 ONTANDO

Date or Duration valid

19/08/2022

Site Name

Ronho.

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	✓		All ANPR and SV cameras are OK but not integrated with the KenRoad V2.
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 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	✓		

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



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Title: Loggers Checklist

LOGGERS CHECKLIST

Name of Technician

HILLARY OMYAHO

Date or Duration valid

19.08.2022

Site Name

RONGA

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		X	} Battery and charger faulty
3. Battery charging	D		X	
4. Loops CPU LED	D	✓		}
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	✓		
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

- 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) HILLARY OMYAHO

Sign

Checked By: (Asst Weighbridge Manager) DUNCAN OMYAHO

Sign

