



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		BUSIA WEST BRIDGE	
Dates/Duration		16/08/2022	
Technician Name		YOUNG SAMUEL	
Systems		System Check	
		X	✓
		Comments/issues/observations	
	VOLTAGE		
Electrical Systems	<u>LINE VOLTAGE</u>		
	L1-L2	429.7	✓
	L1-L3	414.2	✓
	L2-L3	416.3	✓
	<u>PHASE VOLTAGE</u>		
	L1-N	243.6	✓
	L2-N	244.5	✓
	L3-N	238.6	✓
	<u>PHASE & EARTH</u>		
	L1-E	243.6	✓
	L2-E	245.1	✓
	L3-E	237.6	✓
	<u>OTHER APPLIANCES</u>		
	Isolators		✓
MCCBs		✓	
Contactors		✓	
MCBs		✓	
Photocells		✓	
Scales systems			
Check the following:-			
Scale Accuracy			✓ Accurate
Indicator Functionality			✓ Functional.
System Grounding			✓ Okay
Remote Display Unit		X	✓ Faulty.



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Traffic control system Check the following:-	Booms functionality		✓	Okay. Arms not connected.
	Traffic lights		✓	okay.
	Clean cameras		✓	okay.
	Network equipment		✓	N/A
Generator Check the following:-	Battery Voltage		✓	13.7V
	Test run genset		✓	Okay.
	Fuel level		✓	Full Tank
	Voltages on test run(vac)		✓	L-L-426V, L-N-246V.
	Run hours to service		✓	9.1 hrs. Requesting service.
	Emergency button		✓	Okay
Buildings & General Maintenance Check the following:-	Power to Buildings		✓	All electrical power supplies okay.
	Power to Switches		✓	
	Power to socket outlets		✓	
	Power to Bulbs		✓	
	Power to Floodlights		✓	
	Air Conditioners	X		1st fault. con needs Maintenance
	Leaking Roof	X		None
	Drainage		✓	Okay.



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				None
Others				
Health, Safety & Environment				
Check the following:	Adherence to safety procedures by staff		✓	Adhered to
	Adheres to min PPE		✓	
	Potential hazards	X		None

Prepared By: (Technician) YOUNG CAMUEL Sign [Signature]

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





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Number Pages : Page 1 of 1

Approved by : Godfrey Walala

Title: HSWIM Check List

HSWIM CHECK LIST

Name of Technician

YOUNG SAMUEL

Date or Duration valid

16/08/2022

Site Name

BUSIA WEST HIGHWAY BRIDGE

PHYSICAL & SYSTEM CHECKS	FREQ	✓	X	COMMENTS
1. Check on the functionality of Weighing Sensors	D	✓		All functionalities okay.
2. Check on the functionality of Loops	D	✓		
3. Check on the functionality of MSI Position Sensors	D	✓		
4. Check on the functionality of ANPR cameras	D	✓		
5. Check on the functionality of Overview Cameras	D	✓		
6. Check on the alignment of ANPR and Overview Cameras	D	✓		Well-aligned.
7. Check on the functionality of gantry floodlights	D	✓		Okay
8. Check whether HSWIM parameters are transmitted and viewed at the Directing Office.	D	✓		Well-transmitted
9. Check on the state of Grounding and Lightening Arrestors	D	✓		Grounding okay.
10. Check on the Physical State of HSWIM Equipment	D	✓		Okay.
i) Check cables are intact and well terminated and not exposed	D	✓		Well-terminated
ii) Check on the grouting status of the sensors	M	✓		Grouting okay.
iii) Check on the physical state of the gantry (ensure it is not knocked/damaged)	D	✓		Okay
iv) Check on the state of gantry protection (bollards)	D	✓		Okay
v) Check cable routing (pipes, sleeves and ducts) are secure and not flooded with water	D	✓		Secure
vi) Check whether silt/soil has accumulated at the sensor area	D	✓		No accumulation
vii) Check drainage around the sensor area to ensure it is not flooded.	D	✓		No floods
11. Check on the white box components	D			
i) Check on the functionality and physical state of Breakers, Connectors, PLCs, Network Switches, Power Supply and cable termination.	D	✓		Okay.
*Gantry Cameras to be cleaned and aligned monthly	M	✓		

Prepared By: (Technician)

YOUNG SAMUEL

Sign

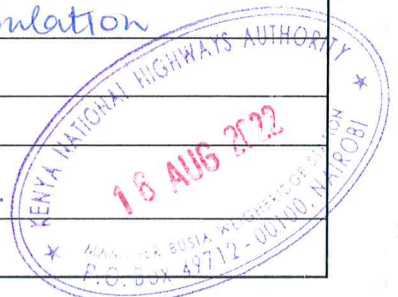
fm 2

Checked By: (Duty Manager)

DUNCAN MUMMERY

Sign

DP





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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

YOUNG SAMWEL

Date or Duration valid

16/08/2022

Site Name

BUSIA WTAH BRIDGE.

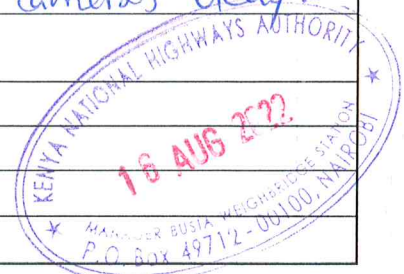
CAMERAS CHECKLIST	FREQ	✓	X	Comments
ANPR & Side View photos				
1. Check with the system administrators at the image server all cameras to ensure they are all ON	D	✓		Okay.
2. If all cameras are OFF check the single phase consumer unit at the weighing room for any tripped MCB	D	✓		Okay.
3. If the cameras 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	✓		✓ Okay.
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	✓		Okay
7. Inspect all cameras for physical damage or misalignment	D	✓		No damage
8. Inspect cameras view relative to master alignment photo.	D	✓		Okay
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	✓		✓ Okay.
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	✓		Alignment okay
CCTV				
1. Check at the LED monitor for ON or OFF status for all CCTV cameras	D	✓		✓
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	✓		✓

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

YOUNG SAMWEL

DURUM ODUMBA





GOKHAN &
MASTERSPACE
JV LIMITED

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Approved by : Godfrey Walala

Title: Generator Start-Up Form

Name of Technician

YOUNG SAMUEL

Date or Duration valid

16/08/2022

Site Name

BUSIA WEIGHBRIDGE

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



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RESETTING THE GENERATOR AFTER SERVICE ALARMS COME ON

1. Use the programme (PGM) arrow < > soft keys to select the function on the controller screen.	✓		
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 request	✓		
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	✓		
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.	✓		
5. Press the AUTO button soft key button.	✓		

All functions okay.

Prepared By: (Technician)

YOUNG SAMUEL

Sign

[Signature]

Checked By: (Duty Manager)

DUNCAN ODHAMBO

Sign

[Signature]

