



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

Review Date : January 2023

Number Pages : Page 1 of 3

Approved by : Godfrey Walala

Title: Daily Maintenance Report

Site Name		BUA NEIGHBRIDGE		
Dates/Duration		15/08/2022		
Technician Name		YOUNG AMW DE		
Systems		System Check		Comments/issues/observations
		X	✓	
	VOLTAGE			
Electrical Systems	LINE VOLTAGE			
	L1-L2	430.6	✓	} Voltages okay. All within range.
	L1-L3	427.8	✓	
	L2-L3	428.6	✓	
	PHASE VOLTAGE			
	L1-N	246.3	✓	} All within range.
	L2-N	238.7	✓	
	L3-N	245.1	✓	
	PHASE & EARTH			
	L1-E	243.1	✓	} All appliances okay.
	L2-E	246.3	✓	
	L3-E	243.7	✓	
	OTHER APPLIANCES			
	Isolators		✓	} All appliances okay.
MCCBs		✓		
Contactors		✓		
MCBs		✓		
Photocells		✓		
Scales systems Check the following:-	Scale Accuracy		✓	Accurate
	Indicator Functionality		✓	Okay
	System Grounding		✓	Okay
	Remote Display Unit	X		Faulty.



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Traffic control system Check the following:-	Booms functionality		✓	Okay. functions 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-436.1V, L-N-243.V
	Run hours to service		✓	5-shrks. Service needed.
	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		Con AC needs maintenance col AC faulty.
	Leaking Roof	X		None
	Drainage		✓	Okay.



GOKHAN &
MASTERSPACE
JV LIMITED

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

Prepared By: (Technician)

YOUNG SAAMUT

Sign

Jan 2

Checked By: (Duty Manager)

DUNCAN ODHAMBO

Sign

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JV Management System

Title: HSWIM Check List

Doc Number : GMJV-KeNHA-BRW-WOM039FM004

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 1

Approved by : Godfrey Walala

HSWIM CHECK LIST

Name of Technician

TUNG SAMUEL

Date or Duration valid

15/08/2022

Site Name

BOSIA WTC BRIDGE

PHYSICAL & SYSTEM CHECKS	FREQ	✓	X	COMMENTS
1. Check on the functionality of Weighing Sensors	D	✓		} All functionalities of the Pans components 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	✓		Okay.
7. Check on the functionality of gantry floodlights	D	✓		Okay.
8. Check whether HSWIM parameters are transmitted and viewed at the Directing Office.	D	✓		Transmitted
9. Check on the state of Grounding and Lightening Arrestors	D	✓		Gooding - okay.
10. Check on the Physical State of HSWIM Equipment	D	✓		Okay
i) Check cables are intact and well terminated and not exposed	D	✓		No exposure
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	✓		No damages.
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	✓		Okay.
vi) Check whether silt/soil has accumulated at the sensor area	D	✓		No silt
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)

TUNG SAMUEL

Sign

Checked By: (Duty Manager)

DUNCAN ODHIAMBO

Sign





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Doc Number : GMJV-KeNHA-BRW-WO M039FM007

Revision : 01

Doc Type : Form

Author/Owner : Wellington Odali

Reviewed by : Maurice Adamba

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

YOUNG SAMUEL

Date or Duration valid

15/08/2022

Site Name

BUSIA WEIGHBRIDGE

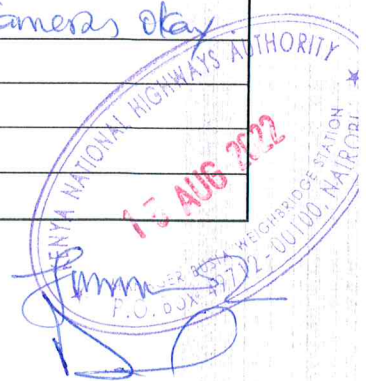
CAMERAS CHECKLIST	FREQ	✓	X	Comments
ANPR & Side View photos				
1. Check with the system administrators at the image server all cameras to ensure they are all ON	D	✓		All functions and various components okay.
2. If all cameras are OFF check the single phase consumer unit at the weighing room for any 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 functions and various components of the CCTV cameras okay.
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

YOUNG SAMUEL

BURCAN ODHIAMBO





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Doc Number : GMJV-KeNHA-BRW-WOM039FM002

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 2

Approved by : Godfrey Walala

Title: Generator Start-Up Form

Name of Technician

YOUNG SAMUEL

Date or Duration valid

15/08/2022

Site Name

BUSIA WICKHURIDGE

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 Vendors 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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Doc Number : GMJV-KeNHA-BRW-WOMO39FM002

Revision : 01

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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.	✓		
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.	✓		

Prepared By: (Technician) YOUNG SAMWEL

Sign [Signature]

Checked By: (Duty Manager) DUNCAN ODHUMBIO

Sign [Signature]

