GOKHAN & MASTERSPACE JV LIMITED	JV Management System	Doc Number : GMJV-KeNHA-BRW-WOM039FM008
		Revision : 01
		Doc Type : Form
		Author/Owner : Wellingtone Odali
		Reviewed by : MauriceAdemba
	Title: Daily Maintenance Report	Effective Date : January 2022
		Review Date : January 2023
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		Approved by : Godfrey Walala

Site Name						Rongo Weighbridge.
Dates/Duration						06/09/2022
Technician Name						Richard Kisira

Systems				System Check		Comments/issues/observations
				X	√	
	VOLTAGE					
Electrical Systems	LINE VOLTAGE	-				
	L1-L2	418			√	
	L1-L3	415			√	
	L2-L3	416			√	
	PHASE VOLTAGE					Voltages are OK.
	L1-N	240			√	
	L2-N	239			√	
	L3-N	239			√	
	PHASE & EARTH					
	L1-E	240			√	
	L2-E	238			√	
	L3-E	239			√	
	OTHER APPLIANCES					
	Isolators				√	OK
	MCCBs				√	OK
	Contactors				√	OK
	MCBs				√	OK
	Photocells				√	OK
Scales systems Check the following:-	Scale Accuracy				√	OK
	Indicator Functionality				√	OK
	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		✓	O/L
	Network equipment		✓	O/L
Generator Check the following:-	Battery Voltage		✓	13.4√
	Test run genset		✓	O/L
	Fuel level		✓	Full tank
	Voltages on test run(vac)		✓	O/L
	Run hours to service		✓	2-2 hrs
	Emergency button		✓	O/L
Buildings & General Maintenance Check the following:-	Power to Buildings		✓	O/L
	Power to Switches		✓	O/L
	Power to socket outlets		✓	O/L
	Power to Bulbs		✓	O/L
	Power to Floodlights		✓	ok
	Air Conditioners		✓	O/L
	Leaking Roof		✓	O/L
	Drainage		✓	O/L

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Others				
Health, Safety & Environment				
Check the following:	Adherence to safety procedures by staff		✓	*Safety and PPE*
	Adheres to min PPE		✓	*Well adhered to.*
	Potential hazards		✓	*OIC*

Prepared By: (Technician) __Richard K.Bna__ Sign _____

Checked By: (Duty Manager) __DUNCAN ONGATO__ Sign _____

KENYA NATIONAL HIGHWAYS AUTHORITY
0 6 SEP 2022
Manager Konza Nairobi Road Station
P.O.BOX 49712 - 00100, NAIROBI.

	JV Management System	Doc Number :	GMJV-KeNHA-BRW-WOM039FM007
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		Author/Owner :	Wellingtone Odali
		Reviewed by :	Maurice Ademba
	Title: SCALE ANPR, SCALE SIDE VIEW & CCTV CAMERAS CHECK LIST	Effective Date :	January 2022
		Review Date :	January 2023
		Number Pages :	Page 1 of 1
		Approved by :	Godfrey Walala

SCALE ANPR, SCALE SIDE VIEW & CCTV CAMERAS CHECKLIST

Name of Technician _____ Richard Kisira _____

Date or Duration valid _____ 06/09/2022 _____

Site Name _____ Rouyo Weighbridge. _____

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	✔		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 ANPR & SV CAMs
5. If 4 above is true test the camera functionality from the server with the system admin	D	✔		OK: Not Intergrated.
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
CCTV				
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 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

Richard Kisira

DUNCAN ONGATO

[Stamp: KENYA NATIONAL HIGHWAYS AUTHORITY — 0 6 SEP 2022 — P.O.BOX 49712 - 00100, NAIROBI]

LOGGERS CHECKLIST

Name of Technician Richard Kbra

Date or Duration valid 06/09/2022

Site Name Rongo Weighbridge.

LOGGER CHECK LIST	FREQ	ON/√	OFF/X	COMMENTS
Physical Checks				
1. Check AC MCB on the LHS	D	✔		OK
2. Battery Charger Status	D			⎱ Charger faulty
3. Battery charging	D			⎰
4. Loops CPU LED	D	✔		OK
5. Loops LEDs	D	✔		OK
6. CPU LEDs	D	✔		OK
7. Classification LEDs	D	✔		OK
8. Check cables-loops and other communication cables	D	✔		OK.
9. Functionality checks	2*D		x	
Functional Checks				
1. Connect to Hyperterminal on Laptop	2*D			
2. Press I to check for setup information (date, time, site name)	2*D			Not connected to Hyperterminal
3. Press Q to check loop frequencies	2*D			
4. Press lane numbers (1,2,3…) and check lane vehicle information	2*D			
check the logical reaction of the logger on each lane	2*D			
6. Log off by pressing O	2*D			

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
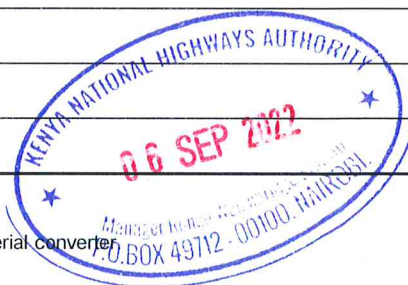
Prepared By: (Technician) Richard Kbra   Sign

Checked By: (Asst Weighbridge Manager) DUNCAN ONGATO   Sign

	JV Management System	Doc Number : GMJV-KeNHA-BRW-WOM039FM002
GOKHAN & MASTERSPACE JV LIMITED		Revision : 01
		Doc Type : Form
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	Title: Generator Start-Up Form	Effective Date : January 2022
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		Approved by : Godfrey Walala

Name of Technician _Richard Kisira_

Date or Duration valid _06/09/2022_

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

![logo] GOKHAN & MASTERSPACE JV LIMITED	JV Management System	Doc Number : GMJV-KeNHA-BRW-WOM039FM002
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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.	✓		OIC
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	✓		OIC
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	✓		OIC
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.	✓		OIC
5. Press the AUTO button soft key button.			

Prepared By: (Technician) _Richard Kbira_ Sign _____

Checked By: (Duty Manager) _DUNCAN ONSARE_ Sign _____