



CONSTRUCTION ENVIRONMENTAL AUDIT CHECKLIST

Template Identifier	240-43921898	3
Document Identifier	WFM/LD - 4.5.5003	0
Authorisation Date	22-Nov-12	
Review Date	01-Nov-15	

Environmental Policy

Environmental Management Plan (EMP) and Environmental Authorisation (EA) Training/Awareness

1.	Has EA_EMP been communicated to an agent, sub-contractor, employee or any person rendering a service to the holder of the authorisation? This includes the Eskom SHEQ Policy and must be displayed.	Y. EMP training done		1
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Planning - Environmental Aspects

Working Areas

2.	Have construction activities remained within the designated working areas? Inform the contractor about the no go areas/work restrictions i.e. sensitive vegetation/species and watercourses etc.	Y		1
3.	Is the housekeeping done neatly i.e. stockpiling of materials & equipment's etc.	Y		1
4.	Are vehicles parked in their demarcated parking areas?	Y		1
5.	Are working areas well defined with a	Y. barricaded		1



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	fence or danger tape, in case of powerline, the servitude width 18m for 11 - 22kV and 45m for 132kV			
Property Access and Camp Establishment				
6.	Was permission obtained from the property owners before construction commence?	y. Agreements on file		
7.	Do the property owners have unrestricted access to their property?	y.		
8.	Are all access roads and camp establishment created with the assistance of ECO /Botanist /Freshwater Specialist or Site Engineer? If applicable	y & land owners.		
9.	Were entrance gates, walls, paths, roads and fence rehabilitated satisfactorily as per EA-EMP conditions i.e. landowners	No complaints or issues thus far		
Vegetation Management				
10.	Are applicable permits available for indigenous vegetation clearance, cutting, disturbing, damaging or trimming of protected/endangered trees and monumental trees as per	No. permit requirements.		



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	applicable SAHRA and City Bylaws acts?			
11.	Is the servitude or working area cleared of alien vegetation as per 32-247 Standard for Bush Clearance and maintenance within overhead Powerline servitude procedure i.e. firebreak	N. Not part of contract. only pole positions cleared.		1
12.	Have all bush clearing and herbicide methods been undertaken under the supervision of a registered Pest Control Officer (PCO) i.e. produce valid letter from DAFF	No herbicide applications.		1
13.	Clearance of vegetation in Critical Biodiversity Areas (CBA) must be done with an approved method statement by the ECO and or specialist recommendation as per EA i.e. site, area, height and turning	No CBA		1
Spillages				
14.	Is there a stock of adequate oil spill remediation kit i.e. oil spill kit	4. wheely bins.		1



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15.	Have any spill/leak occurred on site i.e. oil, chemical, diesel, paint, sewer and waste water. Are the spills/leaks visible from construction site	N						
16.	Have the spills been managed according to Western Cape Operating Unit Oil Spill Management Instruction reference no. 240-79588150.	N/A						
Natural Heritage Resources								
17.	Were there any tribal graves, archaeological and paleontological sites identified before or during the construction activities?	N						
18.	If yes, was construction stopped and the ECO contacted immediately?	N/A						
19.	Was the Heritage Resource Agency or a Heritage Specialist contacted immediately?	N/A.						
Portable Toilet/Sanitation								
20.	Are there sufficient portable toilets i.e. 1:8 - 10 people and within walking distance	Y. @ site office B or line						
21.	Portable toilets to be serviced weekly i.e. clean, smell good, toilet roll &	Y.						



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	functional at all times. Services receipts available			
22.	Sanitation and ablution facilities should not result in an impact on the environment? Sewage spillage etc.	N		1
Integrated Waste Management				
23.	Is there an integrated waste management system in place i.e. intervals for waste disposal, bins labelled accordingly, proper waste storage and tightly contained, waste separation and recycling etc.	Y. Bins labelled. Waste separation. Disposed @ visser-hol.		1
24	Are there sufficient waste bins on site?	Y.		1
25.	Was litter noted during site inspection?	N.		1
26.	Waste Manifest, Safe disposal certificate from the landfill site and Letter of agreement from the Municipality to comply with Waste General Notice (GN) No. 435 of 2011, Annexure 1 & 2. All other provisions of NEM:WA to be complied with if	Y. Waste receipts for sewage		1



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	applicable.				
27.	Are the hazardous and non-hazardous products (paints, paste, chemicals etc.) labelled and have Material Safety Data Sheet (MSDS)?	y.	Discuss MSDS		
Additional Environmental Aspects					
28.	Are there trained fire fighter and adequate fire-fighting equipment in appropriate places i.e. valid fire extinguisher	y.			
29.	Are there effective dust control (if necessary) measures in place.	Not issue			
30.	Are there noise control (if necessary) measures in place.	y. Below 85 dB			
31.	Are there any erosion control (if necessary) measures in place?	Not issue			
32.	Are there top soil management in place i.e. separation of top soil vs. sub-soil, backfilling and levelling (if necessary)	y. separation.			
33.	Is there any impact on the water resource - wetland, stormwater drain, river, stream, lake, dam and riparian	N. Str. 4 complies with GFA			



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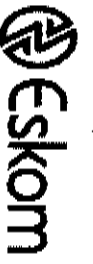
	vegetation?				
	Implementation and Operation - Resources, Roles, Responsibility and Authority				
	Have environmental Roles and Responsibilities been assigned to relevant personnel? One (1) person to be appointed per team?	Y. David & Prina			1
	Communication				
35.	Has the Environmental Emergency Preparedness and Response (EEMR) procedure (WPC020) being communicated to everyone on site?	Y. During EMP training.			1
36.	Have the non-conformance report (NCR), incidents and any other deviations being communicated to the project team?	To be communicated			1
37.	Has the contractor conducted weekly environmental awareness/toolbox sessions? Keep a signed attendance register.	Y.			1
38.	Have the relevant aspects of the Eskom procedures and instruction been communicated?	Y. During EMP training			1
Documentation - Control of Documents					
39.	Are there Eskom Procedures on file	Y.			1



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such as Waste Standards, Bush Clearing procedure and Oil Spill Instruction etc.?			
Environmental Emergency Preparedness and Response procedure (EPR)			
40. Are the emergency numbers available and up-to-date to all construction personnel?	Y.		1
41. Is there an Environmental Emergency preparedness Procedure to deal with environment-related incidents (e.g. fires, oil spillages, snakes bites, bee stings etc.? Eskom EPR procedure to be available and displayed on site.	Y.		1
Checking - Non Conformity and Corrective Action Plan			
42. Has there been any deviation from the requirements of EA-EMP, Permit, License, RoD and any other conditions or agreement?	N.		1
43. If any deviations, have they been reported to Environmental Officer/Clerk of Works/Project Coordinator/Site Manager within 24 Hours e.g. oil & diesel spillages etc.	N/A.		1
44. Have the action plans been developed	N		1



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	and incidents addressed adequately? Shall not exceed more than 24 Hours depending on the incident or action?			
45.	Have all the Non Conformances Reports been addressed and closed e.g. complaints, incidents, pollution etc? If applicable	N/A		1
Control of Records				
46.	Does the site have Environmental File with EA_EMP and Training records, Incidents Flash Reports, Permits, Licences, RoD, Waste Manifest, Letter of consent, NCR, Inventory of Incidents, Complaints Register, Action Plans and Audit Reports? To be produced when required at all times.	Y		1
Internal Audits				
47.	Has the contractor performed a self-audit and addressed all deviations? At least one or more in two weeks?	Y		1

3



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PROJECT DETAILS

Name of the Project : Powerline or Substation	Maarsburg-Veyueli Line str. 1-74. Poles	Name of the Auditor	Madré Hendriose
Name of the Construction Representative	Juan de Jong	Date	8/12/2014
Signature		Signature	

COMPLIANCE STATUS

Number of Compliance	147
Number of Non-Conformance	0
Compliance Rating:	X
Compliant	
Risk of non-compliant	
Non-Compliant	
Percentage Compliance Score	100%

str. 4-21 : excavations done. Ready for concrete or manorings
 4-41 : manorings @ positions
 1-17 : poles @ positions
 conducted inspection on str. 4-17.