



CONSTRUCTION ENVIRONMENTAL AUDIT CHECKLIST

Template Identifier	240-43921898	3
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NO	ENVIRONMENTAL ASPECTS	CONFORMANCE/NON CONFORMANCE/COMMENTS	CORRECTIVE ACTION	CONDITION/ CLAUSE	% RATING
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. 2014/2015: building contracts.			1
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. Within SS property.			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. Temporary			1



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	fence or danger tape, in case of powerline, the servitude width 18m for 11 - 22kV and 45m for 132kV	fence & barricading around excavations/dangerous areas.		
	Property Access and Camp Establishment			
6.	Was permission obtained from the property owners before construction commence?	Y. Eskom property.		
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		
9.	Were entrance gates, walls, paths, roads and fence rehabilitated satisfactorily as per EA-EMP conditions i.e. landowners	No need for rehabilitation at this stage.		
	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	N/A. No protected vegetation. Was wheat field.		



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	applicable SAHRA and City Bylaws acts?				
	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	Y			1
11.	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 used.		1
12.	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 timing		N/A. Not CBA.		N/A
13.	Spillages				
	Is there a stock of adequate oil spill remediation kit i.e. oil spill kit	Y			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	No.	Clean droplets of oil in parking area.	1
16.	Have the spills been managed according to Western Cape Operating Unit Oil Spill Management Instruction reference no. 240-79588150.	N/A		N/A
Natural Heritage Resources				
17.	Were there any tribal graves, archaeological and paleontological sites identified before or during the construction activities?	N		1
18.	If yes, was construction stopped and the ECO contacted immediately?	N/A		N/A
19.	Was the Heritage Resource Agency or a Heritage Specialist contacted immediately?	N/A		N/A
Portable Toilet/Sanitation				
20.	Are there sufficient portable toilets i.e. 1:8 - 10 people and within walking distance	4. Three toilets on site.		1
21.	Portable toilets to be serviced weekly i.e. clean, smell good, toilet roll &	4. 21/4/2015 16/4/2015. 29/4/2015.		1



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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.	NO ISSUES.		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. Labelled lids, taken to dump-site when bins are full. 334/2015: 30kg 320/15: 320LTS.		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 registers on site.		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. Labelled.	Refer to file MSDS for acetone gas.	/
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. Uses dust suppression with H ₂ O if problem.		/
30. Are there noise control (if necessary) measures in place.	Not an issue.		/
31. Are there any erosion control (if necessary) measures in place?	No erosion issues.		/
32. Are there top soil management in place i.e. separation of top soil vs. sub-soil, backfilling and levelling (if necessary)	Y. Separated.		/
33. Is there any impact on the water resource - wetland, stormwater drain, river, stream, lake, dam and riparian	No. No H ₂ O resources nearby.		/



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vegetation?				
Implementation and Operation - Resources, Roles, Responsibility and Authority				
34.	Have environmental Roles and Responsibilities been assigned to relevant personnel? One (1) person to be appointed per team?	Y. Westford civils appointment on site.	Share, send appointment letters for SEO from Adeno.	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?	N/A. No NCR or incidents to communicate		N/A
37.	Has the contractor conducted weekly environmental awareness toolbox sessions? Keep a signed attendance register.	Y. 30/11/2015 - 14/1/2015 Daily, 4/15/2015 + 5/15/2015.		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. Displayed @ site office.			/
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. westland CIVILS ZEPF.			/
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?	No. municipality still to issue invoice for H&O usage.			/
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.			N/A.
44.	Have the action plans been developed	N/A.			N/A.



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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	Y. Action items from 14/4/2015 audit dealt with.		/
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.		/
Internal Audits				
47.	Has the contractor performed a self-audit and addressed all deviations? At least one or more in two weeks?	Y. 30/11/2015: monthly audit. 30/11/2015, 17/11/2015 &		/

21/14/2015 : weekly audits.



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PROJECT DETAILS

Name of the Project : Powerline or Substation	Vyentei SS	Name of the Auditor	M. Hendrikse
Name of the Construction Representative	Hansie Carolissen	Date	5/5/2015
Signature	<i>[Signature]</i>	Signature	<i>[Signature]</i>

Busy Erecting steelwork.
 Trfr. bund wall & fiber finished. Steps to be build.
 oil dam costed. To be backfilled.

COMPLIANCE STATUS

Number of Compliance	47
Number of Non-Conformance	0
Compliance Rating:	Compliant
Risk of non-compliant	
Non-Compliant	
Percentage Compliance Score	100%



CONSTRUCTION ENVIRONMENTAL AUDIT CHECKLIST

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PROJECT DETAILS

Name of the Project : Powerline or Substation	Uyekei SS	Name of the Auditor	M. Hendricse
Name of the Construction Representative	Hansie Gordissen	Date	14/11/2015
Signature		Signature	

- Busy casting the floor of the traffic.
- To cast rest of oil dam.

COMPLIANCE STATUS

Number of Compliance	47
Number of Non-Conformance	0
Compliance Rating:	X
Compliant	
Risk of non-compliant	
Non-Compliant	
Percentage Compliance Score	100%

Action items:

1. Finish the HCS storage area by ensuring the brickwork is cemented & a gravel top is fitted to prevent H₂O & HCS from entering the environment. ✓ closed. 5/15/2015
2. Barricade the topsoil stockpile separately from the other soil stock-piles X busy using excavated soil so cannot barricade topsoil! It is being kept separately. 5/15/2015.

