NORTH WEST
NOORDWES

EXTRAORDINARY
PROVINCIAL GAZETTE

BUITENGEWONE
PROVINSIALE KOERANT

Vol. 252 | 23 DECEMBER / DESEMBER 2009 | No. 6717

IMPORTANT NOTICE

The Government Printing Works will not be held responsible for faxed documents not received due to errors on the fax machine or faxes received which are unclear or incomplete. Please be advised that an "OK" slip, received from a fax machine, will not be accepted as proof that documents were received by the GPW for printing. If documents are faxed to the GPW it will be the sender's responsibility to phone and confirm that the documents were received in good order.

Furthermore the Government Printing Works will also not be held responsible for cancellations and amendments which have not been done on original documents received from clients.

CONTENTS • INHOUD

GENERAL NOTICE

NOTICE 393 OF 2009

AMENDMENT TO THE NORTH WEST WILDLIFE FENCING POLICY

I, Boitumelo Tshwene, in my capacity as the Member of the Executive Council responsible for Agriculture, Conservation, Environment and Rural Development in the North West Province hereby publish for comments, draft amendments to the North West Wildlife Fencing Policy as it appears in the provincial Government Gazette Vol. 25 No. 6492 of 20 May 2008.

Any persons who wish to submit representations or comments in connection with the above are invited to do so within thirty (30) days of the publication of this notice. All representations or comments must be submitted in writing to the Chief Director for Environmental Services:

By post to: Chief Director Environmental Services
Department of Agriculture, Conservation and Environment
Private Bag X2039
Mmabatho
2735
By Fax: (018) 389 5434 or by e-mail to tntloko@nwpg.gov.za

Any enquiries regarding the document may be directed to Mr Jonathan Denga at (018) 389 5928.

Boitumelo Tshwene
MEC for Agriculture, Conservation, Environment & Rural Development
Date: 20 / 11 / 2009

DRAFT AMENDMENT LIST TO NORTH WEST WILDLIFE FENCING POLICY

1. Page 9, Section B, under minimum fencing specifications for predators in captivity, Tigers (panthera tigris) was added.
   OLD - **LION – *Panthera leo***
   NEW - **LION – Panthera leo / TIGERS - Panthera tigris**

2. Page 9, Section B, under minimum fencing specifications for predators in captivity, **electrification.**
   OLD - Electrical wires must be secured onto the fence at the following heights from the ground: 1800mm, 2400mm and end of overhang.

   NEW - Electrical wires must be secured onto the fence at the following heights from the ground: 800mm, 1800mm, 2400mm and end of overhang.

3. Page 10, Section B, under minimum fencing specifications for predators in captivity, **Overnight Quarters.**
   Changed – from overnight quarters to adequate shelter

4. Page 11, Section B, under minimum fencing specifications for predators in captivity, Jaguar and Puma were added.
   OLD - LEOPARD – *Panthera pardus*
   NEW - LEOPARD – *Panthera pardus* / JAGUAR - Panthera onca / PUMA – *Panthera concolor, P yagouaroundi, P, pardoides*

5. Page 11, Section B, under minimum fencing specifications for predators in captivity, **Fences.**
   NEWLY Added - A complete roof cover of mesh is required where trees inside the camps are higher than the inside fences.
   They may be no tall trees closer than 5m of the outside fences.

6. Page 12, Section B, under minimum fencing specifications for predators in captivity, **Overnight Quarters.**
   Changed – from overnight quarters to adequate shelter

7. Page 14, Section B, under minimum fencing specifications for predators in captivity, **Overnight Quarters.**
   Changed – from overnight quarters to adequate shelter

8. Page 15, Section B, under minimum fencing specifications for predators in captivity, **Overnight Quarters.**
   Changed – from overnight quarters to adequate shelter

9. Page 16, Section B, under minimum fencing specifications for predators in captivity, **Fences.**
   NEWLY Added - A complete roof cover of mesh is required.
10. Page 17, Section B, under minimum fencing specifications for predators in captivity, **Overnight Quarters.**

Changed – from overnight quarters to adequate shelter

11. Page 18, Section D, under minimum fencing specifications for predators released in camps bigger than 10 ha.
Old Heading (LION, CHEETAH, WILD DOG, BROWN & SPOTTED HYENA)
New Heading (LION, CHEETAH, WILD DOG, BROWN & SPOTTED HYENA, CROCODILES)

12. Page 20, Section D, under minimum fencing specifications for predators released in camps bigger than 10 ha.
Fences.
NEWLY Added - All accommodation facilities within hunting camps must be fenced off.
- Where crocodiles are released in earth dams, a fence mesh of 50x50mm to a height of 1.2m is mandatory along the main boundary fence.
- Crocodiles are not to be released in earth dams where a Natural River flows through or across the farm.

13. Page 21, Section E, under minimum fencing specifications for crocodiles
Fences.
NEWLY Added – Whole Section E as following:

14. Page 20, Section E, **Old Heading (General specifications for the warning signs of predator camps)**
New Heading (General specifications for the warning signs of predator camps including crocodiles)

SECTION F
Minimum quarantine specifications for Crocodile (*Crocodylus niloticus*)

With regard to the keeping and management of all crocodile species in captivity within the North West Province, the department adopted as policy the minimum standards as set out in the South African National Standards (SANS) 631:2009, edition 1, ISBN 978-0-626-22294-9.

With regard to holding pens for temporary housing of crocodiles and their transportation, the department adopted as policy the minimum standards as set out in the South African National Standards (SANS) 1884-3:2008, edition 1, ISBN 978-0-626-21780-8.

DRAFT AMENDED NORTH WEST WILDLIFE FENCING POLICY

OPERATIONAL PROCEDURES AND GUIDELINES FOR WILDLIFE FENCING POLICY IN THE NORTH WEST PROVINCE

1. Definitions:

- **"adequate enclosed land"** refers to land which is enclosed in such a way that–
  - (a) specified wild animals are confined to that land
  - (b) can not readily escape from such land; and
  - (b) those outside that land are excluded from entering that land.

2. Table of Contents:

3. List of figures:

4. Introduction:

South Africa has agreed and committed to participate in the global initiative to conserve and manage the rich and unique biodiversity of the nation in various legislation, treaties, conventions and management practices. To achieve the legal and international objectives, it is necessary to introduce effective planning and management tools of biodiversity on national, provincial and local levels.

Provinces are obliged, in terms of the White paper on Conservation and Sustainable use of South Africa's Biological Diversity, to develop and implement management strategies for managing its indigenous biodiversity.

5. Requirements for a good fence:

A good fence should have the following features.

- It should be in a perfectly straight line from straining post with all the posts standing in perfect alignment.
  The straining, corner and gateposts should be sturdy and be set vertically into the ground.
- All other fence posts and droppers should stand erect and maintain the same height above ground level. In this way the undulations of the ground are followed.
- Straining posts should not be too far apart (Maximum 200m). The closer the straining posts, the sturdier the fence.

- Irrespective of the number and type of wires used each should be at a specific height above ground level be parallel to the other and be well secured to each fence post and dropper in such a manner that it cannot be shifted vertically. The more wire stands in a fence of a particular height the more difficult it is for man or animal to climb through them.
- Droppers must be spaced so that the distance between the fence posts is divided equally. They must stand erect and the wire stands must be securely tied to them at the same spacing as on the fence post.
- A good fence can never be erected with inferior material.

6. General requirements for dangerous game:

- Approval for the introduction of Dangerous Game lies with the Chief Directorate, and will be based on ecological considerations.
- Dangerous game refers to: Lion, Elephant, Black Rhino, Hippopotamus, Buffalo, Leopard, Cheetah, Wild Dog and Hyena.
- Attached to the application must be letters of no objection / comment from immediate neighbors and local forums such as farmers associations. The final decision rests with the Department.
- An emergency plan with contact persons, telephone numbers etc. must be submitted, to the Department.
- A comprehensive management plan for all species is essential.
- An electrified introduction boma is a prerequisite for all dangerous game for a minimum period.
- Any changes to Management Plans or Insurance policies / public liability must be brought to the immediate attention of the Department.

7. General:

- To qualify for exemption a farm must be adequately fenced as specified below.
- Please take note that overnight quarter may not be used as a keeping facility for any predator species.
- No live animals may be fed to predators in captivity.
- No Exemption will be granted for carnivores.

SECTION A
Minimum fencing specification for game

Fence Types:

FENCE TYPE	DESCRIPTION
1	1.4 m high: 12 wires
1 A	1.4 m high: 12 wires + 4 electrified wires and a trip-wire with a constant pulse current of 5 000 Volts
2	1.8 m high; 15 wires
3	2.4 m high; 19 wires
4	Electrified wires and a trip-wire with a constant pulse current of 5 000 Volts

Species	Scientific name	Fence Type
Blesbok	*Damaliscus pygargus phillipsi*	1
Common/Grey duiker	*Sylvicapra grimmia*	1
Impala	*Aepyceros melampus*	2
Springbok	*Antidorcas marsupialis*	1
Steenbok	*Raphicerus campestris*	1
Black wildebéest	*Connochaetes gnou*	1
Blue wildebeest	*Connochaetes taurinus*	1
Burchell's zebra	*Equus burchelli*	1
Grey rhebuck	*Pelea capriolus*	2
Mountain reedbuck	*Redunca fulvorufula*	2
Red hartebeest	*Alcelaphus buselaphus*	2
Reedbuck	*Redunca arundinum*	2
Bushbuck	*Tragelaphus scriptus*	1
Klipspringer	*Oreotragus oreotragus*	1
Kudu	*Tragelaphus strepsiceros*	3
Oribi	*Ourebia ourebi*	1
Waterbuck	*Kobus ellipsiprimnus*	3
Lechwe	*Kobus leche*	3
Buffalo	*Syncerus caffer*	2
Eland	*Taurotragus oryx*	3
Gemsbok	*Oryx gazella*	1
Giraffe	*Giraffa camelopardalis*	3
Hippopotamus	*Hippopotamus amphibius*	1 A
Roan	*Hippotragus equinus*	2
Sable	*Hippotragus niger*	2
Tsessebe	*Damaliscus lunatus*	1
White rhinoceros	*Ceratotherium simum*	1 A
Warthog	*Phacochoerus ethiopicus*	2
Black rhinoceros	*Diceros bicornis*	1 A
African elephant	*Loxodonta africana*	3 + 4
Hartmann's zebra	*Equus zebra hartmannae*	2
Nyala	*Tragelaphus angasii*	1

Special notice:

- Fences higher than 1.4 meters do not require electrification for white rhino.
- For any animal not mentioned above the approval of the Chief Directorate is needed, and decisions will be based on ecological considerations.

The following species do not qualifying for exemption:

Species	Scientific name
Hippopotamus	*Hippopotamus amphibius*
Black rhinoceros	*Diceros bicornis*
African elephant	*Loxodonta africana*
All predator / carnivores species under the order CARNIVORA	
All exotic species from outside the national boundaries of South Africa not occurring naturally with in the national boundaries of South Africa	
Any animal / species that were exposed to hybridization	

Note: No hybrid species may leave any property within the province alive
No hybrid species may be imported into the North West Province

Documented hybrids: Blue wildebeest x Black wildebeest
Blesbok x Bontebok x Tsessebe
Hartmann's Zebra x Burchells Zebra
Western Roan x Southern Roan

None of the above mentioned species that has the ability to hybridize may leave any property within the province alive were they are occurring in the same camp.

MATERIAL SPECIFICATIONS:

FENCE TYPE 1, 1A, 2 & 3:			
POLES	Straining, gate and corner posts	Wooden	125.0 mm
		Iron	90.0 mm
POLES	Line	Wooden	125.0 mm
		Iron	50.00 mm
DROPPERS		Wooden	30.00 mm
		Iron	Standard steel
SPACING (MAX)	Straining posts		100.0 to 200.0 m
	Line poles – Y standard		10.0 m
	Droppers		2.00 m
Wire	Straining wire	Steel	2.2 mm
FENCE TYPE 4:			
POLES	Straining, gate and corner posts	Wooden	150.0 mm
		Iron	90.0 mm

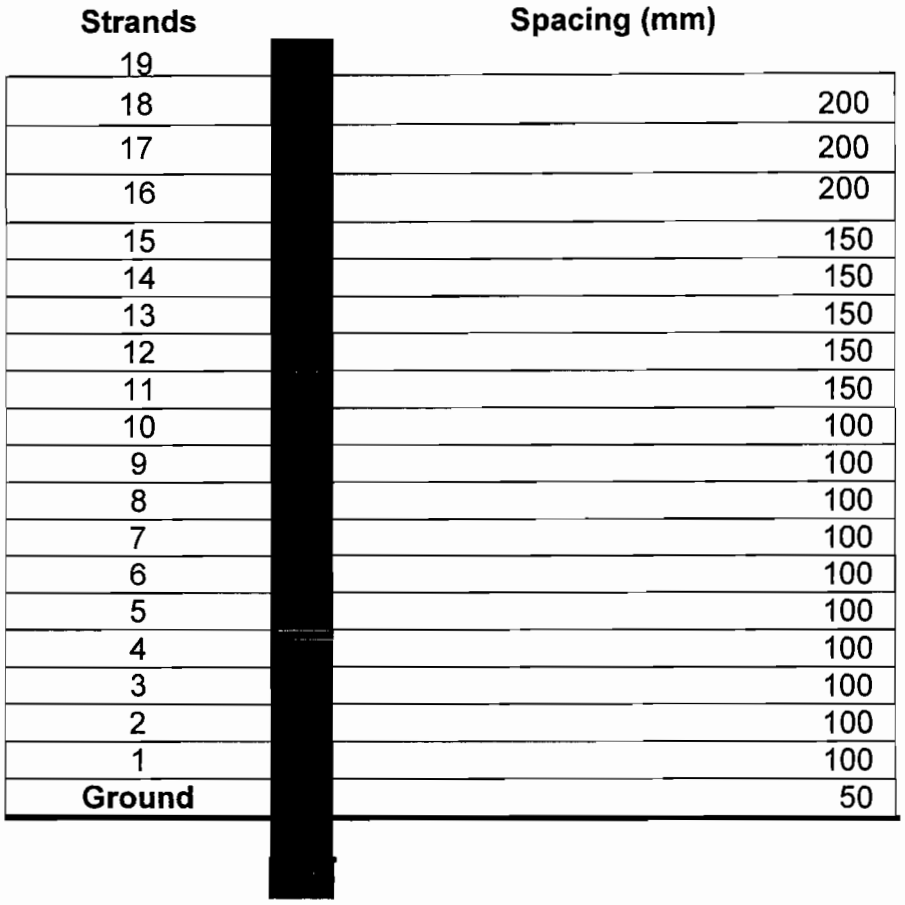
POLES	Line	Wooden	125.0 mm
		Iron	50.0 mm
DROPPERS		Wooden	75-80.0 mm
		Iron	Standard steel
SPACING (MAX)	Straining posts		100 – 200 m
	Line poles – Y standard		10.00 m
	Droppers		2.00 m
Wire	Straining wire	Steel	2.2mm

Strands	Spacing (mm)
12	
11	200
10	200
9	100
8	100
7	100
6	100
5	100
4	100
3	100
2	100
1	100
Ground	100

FIGURE 1: SPACING OF WIRE STRANDS FOR FENCE TYPE 1 AND 1A

Strands	Spacing (mm)
15	
14	200
13	200
12	200
11	100
10	100
9	100
8	100
7	100
6	100
5	100
4	100
3	100
2	100
1	100
Ground	100

FIGURE 2: SPACING OF WIRE STRANDS FOR FENCE TYPE 2



Strands	Spacing (mm)
19	
18	200
17	200
16	200
15	150
14	150
13	150
12	150
11	150
10	100
9	100
8	100
7	100
6	100
5	100
4	100
3	100
2	100
1	100
Ground	50

FIGURE 3: SPACING OF WIRE STRANDS FOR FENCE TYPE 3

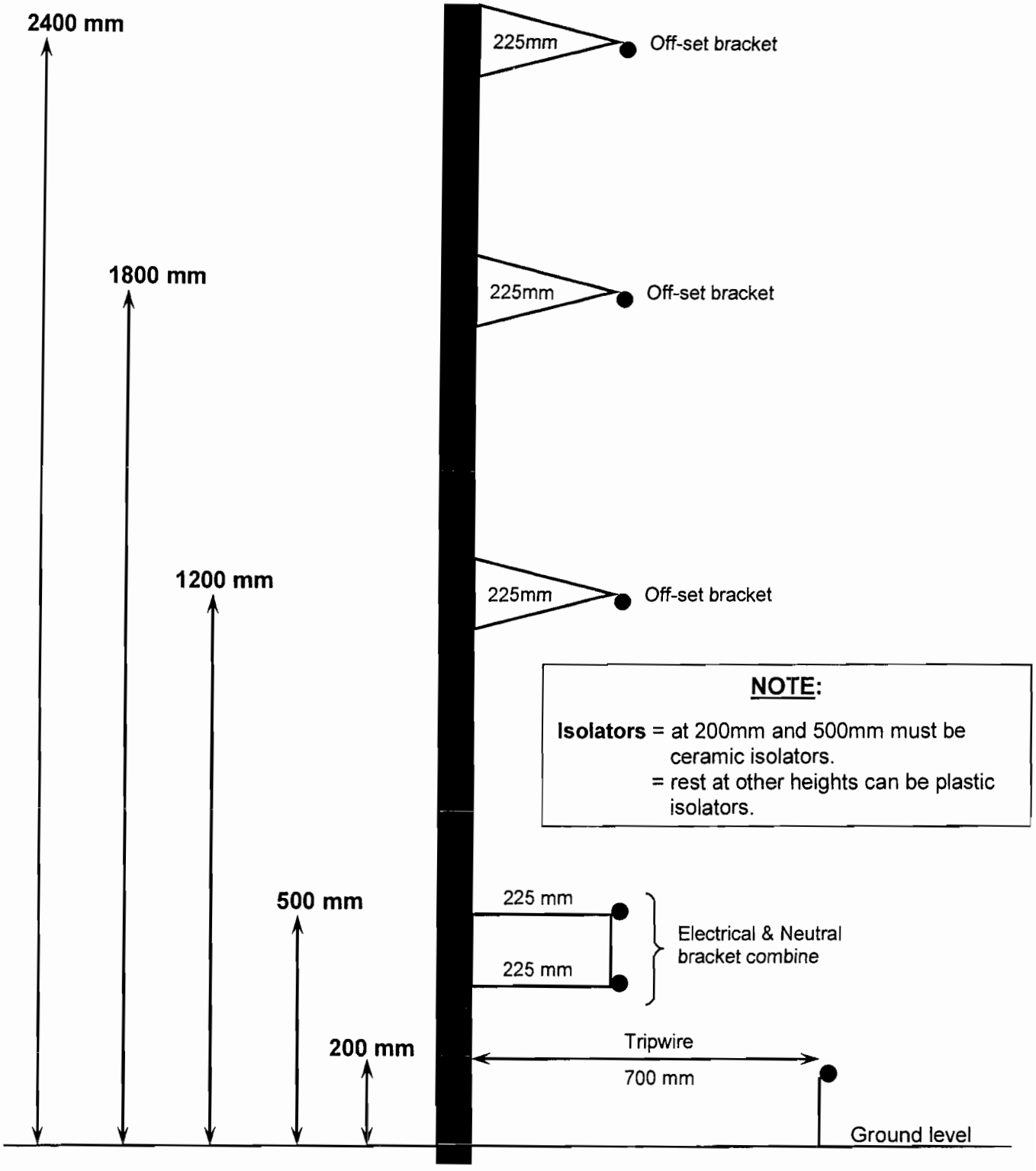


FIGURE 4: ELECTRICAL WIRE SPECIFICATIONS FOR FENCE TYPE 4

SECTION B

Minimum fencing specifications for predators in captivity

LION – *Panthera leo* / TIGERS - *Panthera tigris*

(Minimum size of camp = 1500m²)

Fences:

- The camp must consist of two fences (inside fence and outside fence):
  - Inside fence must be 2.4 m high and electrified; and
  - Outside fence must be 2.4 m high.
- The inside fence must have an overhang that is 500 mm long, angling at a minimum of 45° towards the inside of the camp.
- Minimum spacing between wires on the overhang is 50mm
- The distance between the two fences (inside fence and outside fence) must be a minimum of 3 meters and a maximum of 10 meters.
- The inside fence must be constructed in such a way that predators must not be able to get their paws through the fence.
- Minimum gage of inside fence 2.5mm
- The outside fence must be a Bonnox or Veldspan or a 24 wire single strand steel wire fence.

Electrification:

- The inside fence must be electrified with a minimum of 3 electrical wires.
- One electrical wire must be provided at the inside end of the overhang.
- All electrical strands should be 200mm away from the fence, except on the inside end of the overhang were it should be 50mm away
- Electrical wires must be secured onto the fence at the following heights from the ground: 800mm, 1800mm, 2400mm and end of overhang.
- The camps must be electrified with a constant pulse current of a minimum of 6 000 Volts.
- A warning system must be in place to indicate whether the electric fence is operational or not.

Foundations:

- The inside fence must be concreted into a concrete slab directly under the fence with the following dimensions: width of concrete slab = 150 mm and depth of concrete slab = 300 mm.
- The fence itself must not be concreted into the concrete slab. It must be attached to a bottom steel wire strand that is fixed with U-loops into the concrete.
- In rocky areas specification regarding the concrete slab may be amended by the department.
- No concrete slab is required for the outside fence.

Poles:

- Corner posts (3.4 m long) have to be concreted in at a depth of 1 000 mm, in a concrete block of 600 mm x 600 mm.
- Maximum distance between corner posts should be 100 m.
- Straining poles (3.0 m long) on the inside fence must be concreted into the ground at a depth of 600 mm in a concrete block of 300 mm x 150 mm.
- These straining poles must be spaced at a maximum of 10 m apart.
- Y-standard poles (3.0 m long) on the inside fence must be concreted into the ground at a depth of 600 mm in a concrete block of 300 mm x 150 mm at a maximum distance of 5 m apart between the straining posts.

Gates:

- All gates must be 2.4 m high on the outside and inside fences.
- These gates must be constructed out of a steel framework.
- The inside gate must have a standard electrified overhang (as per inside fence) to the inside of the camp.
- The locking mechanism of the gate must be of such a nature that when closed and under any kind of strain, the gap between the fence post and the gate must not exceed 50 mm.
- The gap between the bottom (lowest part) of the gate and the concrete slab underneath the gate may not exceed 50 mm. The same applies to the gap between the top of the gate and the overhang.
- NB: Please note that the gates are seen as part of the fence and thus should comply with the same standards as the fences.

Adequate Shelter:

- Adequate cover against weather patterns must be provided in each camp.
- Sheltered cubing hats must be built away from inside fences which borders the passage between outside and inside fence, or the height of such inside fence must remain at 2.4m when measured from the roof of the hut, otherwise, triangular electrified wire caps must be installed.

Water points:

- Each camp must be supplied with an efficient water system.

Special note
No expanded metal may be used on inside fences or gates

LEOPARD – *Panthera pardus* / JAGUAR - *Panthera onca* / PUMA - *Panthera concolor, P yagouaroundi, P, pardoides*

(Minimum size of camp = 600 m²)

Fences:

- The camp must consist of two fences (inside fence and outside fence):
  - Inside fence must be 3.0 m high and electrified; and
  - Outside fence must be 2.4m high.
- The inside fence must have an overhang that is 1000 mm long, angling at 90° towards the inside of the camp.
- A complete roof cover of mesh is required where trees inside the camps are higher than the inside fences.
- They may be no tall trees closer than 5m of the outside fences.
- Minimum spacing between wires on the overhang is 50mm
- The distance between the two fences (inside fence and outside fence) must be a minimum of 3 meters and a maximum of 10 meters.
- The inside fence must be constructed in such a way that predators must not be able to get their paws through the fence.
- Minimum gauge of inside fence 2.5mm
- The outside fence must be a Bonnox or Veldspan or a 24 wire single strand steel wire fence

Electrification:

- The inside fence must be electrified with a minimum of 4 electrical wires
- One electrical wire must be provided at the inside end of the overhang.
- All electrical strands should be 200mm away from the fence, except on the inside end of the overhang were it should be 50mm away
- Electrical wires must be secured onto the fence at the following heights from the ground: 300mm, 1800mm, 3000mm and end of overhang.
- The camps must be electrified with a constant pulse current of a minimum of 6 000 Volts.
- A warning system must be in place to indicate whether the electric fence is operational or not.
- No electrification is required when the camp is fully enclosed

Foundations:

- The inside fence must be concreted into a concrete slab directly under the fence with the following dimensions: width of concrete slab = 150 mm and depth of concrete slab = 300 mm.
- The fence itself must not be concreted into the concrete slab. It must be attached to a bottom steel wire strand that is fixed with U-loops into the concrete.
- In rocky areas specification regarding the concrete slab may be amended by the department.
- No concrete slab is required for the outside fence.

Poles:

- Corner posts (4.0 m long) have to be concreted in at a depth of 1 000 mm, in a concrete block of 600 mm x 600 mm.
- Maximum distance between corner posts should be 100 m.

- Straining poles (3.6 m long) on the inside fence must be concreted into the ground at a depth of 600 mm in a concrete block of 300 mm x 150 mm.
- These straining poles must be spaced at a maximum distance of 10 m apart.
- Y-standard poles (3.6 m long) on the inside fence must be concreted into the ground at a depth of 600 mm in a concrete block of 300 mm x 150 mm at a maximum distance of 5 m apart between the straining posts.

Gates:

- The inside gate must be 3.0 m high and the outside gate 2.4 m high
- These gates must be constructed out of a steel framework.
- The inside gate must have a standard electrified overhang (as per inside fence) to the inside of the camp.
- The locking mechanism of the gate must be of such a nature that when closed and under any kind of strain, the gap between the fence posts and the gate must not exceed 50 mm.
- The gap between the bottom (lowest part) of the gate and the concrete slab underneath the gate may not exceed 50 mm. The same applies to the gap between the top of the gate and the overhang.
- NB: Please note that the gates are seen as part of the fence and thus should comply with the same standards as the fences.

Adequate Shelter:

- Adequate cover against weather patterns must be provided in each camp.

Water points:

- Each camp must be supplied with an efficient water system.

Special note
No expanded metal may be used on inside fences or gates

WILD DOG *Lycaon pictus* & CHEETAH – *Acinonyx jubates*

(Minimum size of camp = 1 000 m²)
(Maximum number of animals (excluding suckling cubs) per camp = 5)
(For each additional cheetah a further area of 25 m² per cheetah is required)

Fences:

- The camp must consist of two fences (inside fence and outside fence):
  - Inside fence must be 2.4 m high; and
  - Outside fence must be 2.4 m high.
- The distance between the two fences (inside fence and outside fence) must be a minimum of 3 meters and a maximum of 10 m.
- The inside fence must be constructed in such a way that predators must not be able to get their paws or their jaws through the fence.
- Minimum gage of inside fence 2.5mm
- The outside fence must be a Bonnox or Veldspan or a 24 wire single strand steel wire fence.

Foundations:

- The inside fence must be concreted into a concrete slab directly under the fence with the following dimensions: width of concrete slab = 150 mm and depth of concrete slab = 300 mm.
- The fence itself must not be concreted into the concrete slab. It must be attached to a bottom steel wire strand that is fixed with U-loops into the concrete.
- In rocky areas specification regarding the concrete slab may be amended by the department.
- No concrete slab is required for the outside fence.

Poles:

- Corner posts (3.4 m long) have to be concreted in at a depth of 1 000 mm, in a concrete block of 600 mm x 600 mm.
- Maximum distance between corner posts should be 100 m.
- Straining poles (3.0 m long) on the inside fence must be concreted into the ground at a depth of 600 mm in a concrete block of 300 mm x 150 mm.
- These straining poles be spaced at a maximum distance of 10 m apart.
- Y-standard poles (3.0 m long) on the inside fence must be concreted into the ground at a depth of 600 mm in a concrete block of 300 mm x 150 mm at a maximum distance of 5 m apart between the straining posts.

Gates:

- All gates must be 2.4 m high on the outside and inside fences.
- These gates must be constructed out of a steel framework.
- The locking mechanism of the gate must be of such a nature that when closed and under any kind of strain, the gap between the fence posts and the gate must not exceed 50 mm.
- The gap between the bottom (lowest part) of the gate and the concrete slab underneath the gate may not exceed 50 mm. The same applies to the gap between the top of the gate and the overhang.
- NB: Please note that the gates are seen as part of the fence and thus should comply with the same standards as the fences.

Adequate shelter:

- Adequate cover against weather patterns must be provided in each camp

Water points:

- Each camp must be supplied with an efficient water system.

Special note
No expanded metal may be used on inside fences or gates

BROWN HYENA – *Hyaena brunnea* & SPOTTED HYENA – *Crocuta crocuta*

(Minimum size of camp = 1 000 m²)

Fences:

- The camp must consist of two fences (inside fence and outside fence):
    - Inside fence must be 1.8 m high and electrified; and
    - Outside fence must be 1.8 m high.
- Minimum spacing between wires on the overhang is 50mm
- The distance between the two fences (inside fence and outside fence) must be a minimum of 3 meters and a maximum of 10 meters.
- The inside fence must be constructed in such a way that predators must not be able to their paws or their jaws through the fence.
- Minimum gage of inside fence 2.5mm
- The outside fence must be a Bonnox or Veldspan or a 24 wire single strand steel wire fence.

Electrification:

- The inside fence must be electrified with a minimum of 3 electrical wires.
- One electrical wire must be provided at the inside end of the overhang.
- All electrical strands should be 200mm away from the fence, except on the inside end of the overhang were it should be 50mm away
- Electrical wires must be secured onto the fence at the following heights from the ground: 200mm, 1000mm and 1800mm.
- The camps must be electrified with a constant pulse current of a minimum of 6 000 Volts.
- A warning system must be in place to indicate whether the electric fence is operational or not.

Foundations:

- The inside fence must be concreted into a concrete slab directly under the fence with the following dimensions: width of concrete slab = 150 mm and depth of concrete slab = 300 mm.
- The fence itself must not be concreted into the concrete slab. It must be attached to a bottom steel wire strand that is fixed with U-loops into the concrete.
- In rocky areas specification regarding the concrete slab may be amended by the department.
- No concrete slab is required for the outside fence.

Poles:

- Corner posts (2.8 m long) have to be concreted in at a depth of 1 000 mm, in a concrete block of 600 mm x 600 mm.
- Maximum distance between corner posts should be 100 m.
- Straining poles (2.4 m long) on the inside fence must be concreted into the ground at a depth of 600 mm in a concrete block of 300 mm x 150 mm.
- These straining poles be spaced at a maximum distance of 10 m apart.
- Y-standard poles (2.4 m long) on the inside fence must be concreted into the ground at a depth of 600 mm in a concrete block of 300 mm x 150 mm at a maximum distance of 5 m apart between the straining posts.

Gates:

- All gates must be 1.8 m high on the outside and inside fences.
- These gates must be constructed out of a steel framework.
- The inside gate must have a standard electrified overhang (as per inside fence) to the inside of the camp.
- The locking mechanism of the gate must be of such a nature that when closed and under any kind of strain, the gap between the fence posts and the gate must not exceed 50 mm.
- The gap between the bottom (lowest part) of the gate and the concrete slab underneath the gate may not exceed 50 mm. The same applies to the gap between the top of the gate and the overhang.
- NB: Please note that the gates are seen as part of the fence and thus should comply with the same standards as the fences.

Adequate Shelter:

- Adequate cover against weather patterns must be provided in each camp.

Water points:

- Each camp must be supplied with an efficient water system.

Special note

No expanded metal may be used on inside fences or gates

CARACAL – *Felis caracal* & other smaller cat species

(Minimum size of camp = 50 m²)

Fences:

- The camp must consist of two fences (inside fence and outside fence):
  - Inside fence must be 2.4 m high and electrified; and
  - Outside fence must be 2.4 m high.
- The inside fence must have an overhang that is 500 mm long, angling at 45° towards the inside of the camp
- A complete roof cover of mesh is required.
- Minimum spacing between wires on the overhang is 50mm
- The distance between the two fences (inside fence and outside fence) must be a minimum of 3 meters and a maximum of 10 meters.
- The inside fence must be constructed in such a way that predators must not be able to get their paws through the fence.
- Minimum gauge of inside fence 2.0mm
- The outside fence must be a Bonnox, Veldspan or diamond mesh fence.

Electrification:

- The inside fence must be electrified with a minimum of 3 electrical wires.
- One electrical wire must be provided at the inside end of the overhang.
- All electrical strands should be 150mm away from the fence, except on the inside end of the overhang were it should be 50mm away
- Electrical wires must be secured onto the fence at the following heights from the ground: 300mm, 2400mm and end of overhang.
- The camps must be electrified with a constant pulse current of a minimum of 6 000 Volts.
- A warning system must be in place to indicate whether the electric fence is operational or not.
- No electrification is required when the camp is fully enclosed

Foundations:

- The inside fence must be concreted into a concrete slab directly under the fence with the following dimensions of: width of concrete slab = 150 mm and depth of concrete slab = 300 mm.
- The fence itself must not be concreted into the concrete. It must be attached to a bottom steel wire strand that is fixed with U-loops into the concrete.
- In rocky areas specification regarding the concrete slab may be amended by the department.
- No concrete slab is required for the outside fence.
- Minimum strength of concrete mixture on all applications = 40 mpa.

Poles:

- Corner posts (3.4 m long) have to be concreted in at a depth of 1 000 mm, in a concrete block of 600 mm x 600 mm.
- Maximum distance between corner posts should be 100 m.
- Straining poles (3.0 m long) on the inside fence must be concreted into the ground at a depth of 600 mm in a concrete block of 300 mm x 150 mm.

- These straining poles be spaced at a maximum distance of 10 m apart.
- Y-standard poles (3.0 m long) on the inside fence must be concreted into the ground at a depth of 600 mm in a concrete block of 300 mm x 150 mm at a maximum distance of 5 m apart between the straining posts.

Gates:

- All gates must be 2.4 m high on the outside and inside fences.
- These gates must be constructed out of a steel framework.
- The inside gate must have a standard electrified overhang (as per inside fence) to the inside of the camp.
- The locking mechanism of the gate must be of such a nature that when closed and under any kind of strain, the gap between the fence posts and the gate must not exceed 50 mm.
- The gap between the bottom (lowest part) of the gate and the concrete slab underneath the gate may not exceed 50 mm. The same applies to the gap between the top of the gate and the overhang.
- NB: Please note that the gates are seen as part of the fence and thus should comply with the same standards as the fences.

Adequate Shelter:

- Adequate cover against weather patterns must be provided in each camp

Water points:

- Each camp must be supplied with an efficient water system.

Special note
No expanded metal may be used on inside fences or gates

SECTION C
Minimum quarantine specifications for predators

NB - The same standard apply to quarantine facilities with regard to fencing, poles, electricity, gates and water points. The minimum size per camp is 1000m². This 1000m² camp may not be subdivided.

Overnight quarters within the quarantine camp will be the following sizes:

- **Lions**

- The size of these facilities must be 9 m².
- The walls must be 20 cm thick, with a solid roof, adequate ventilation and steel doors that can be operated from outside the camps.
- Height of the walls is 1.2 m.

- **Leopard, Cheetah, Wild dog, Brown & Spotted Hyena**
- The size of these facilities must be 4 m².
- The walls must be 20 cm thick, with a solid roof, adequate ventilation and steel doors that can be operated from outside the camps.
- Height of the walls should be 1.2 meters.

SECTION D

Minimum fencing specifications for predators released in camps bigger than 10 ha
(LION, CHEETAH, WILD DOG, BROWN & SPOTTED HYENA, CROCODILES)
(Fence types 3 & 4 apply)

Strands	Spacing (mm)
19	
18	200
17	200
16	200
15	150
14	150
13	150
12	150
11	150
10	100
9	100
8	100
7	100
6	100
5	100
4	100
3	100
2	100
1	100
Ground	50

FIGURE 3: FENCE TYPE 3 - PERIMETER FENCE

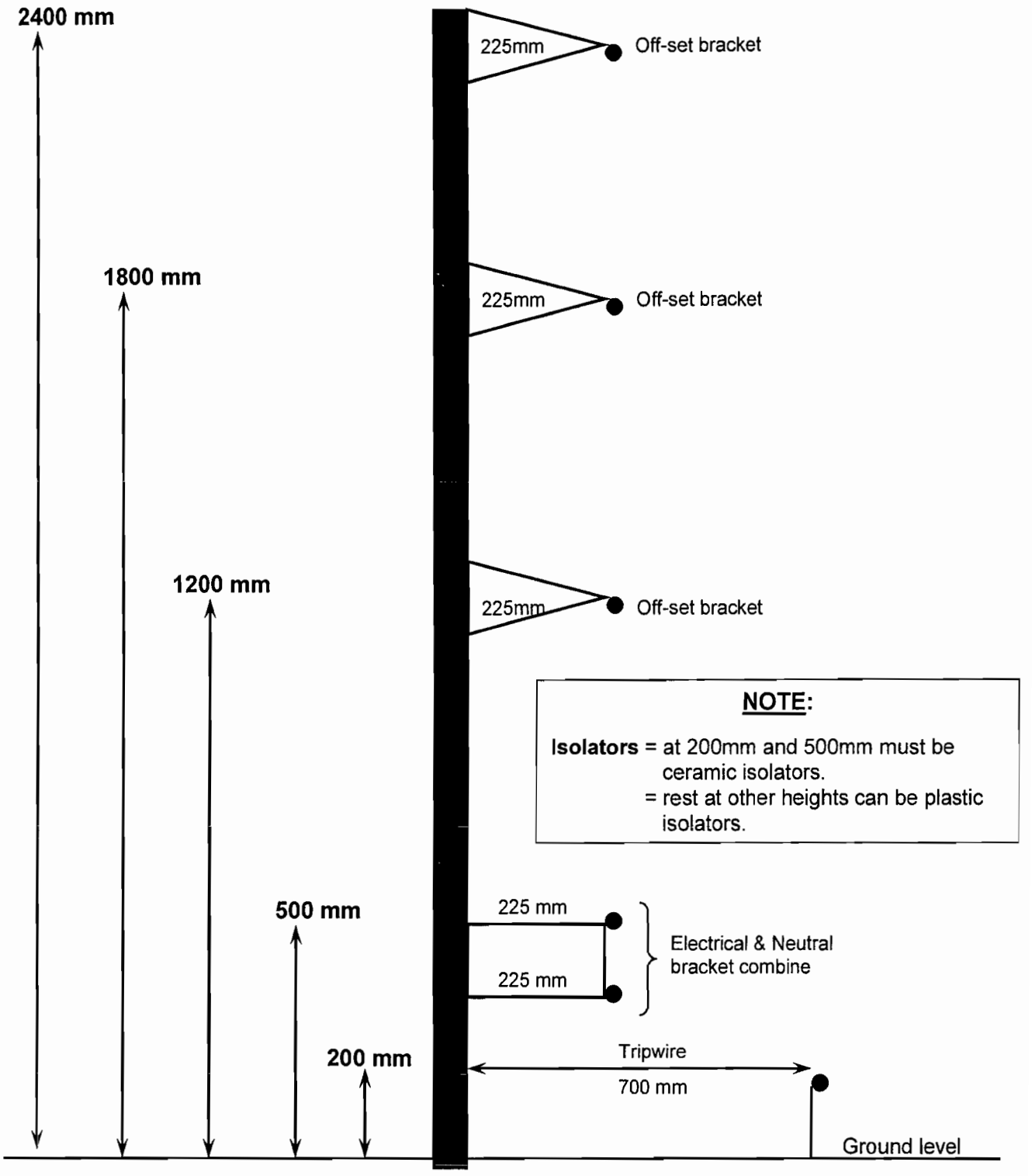


FIGURE 4: ELECTRICAL WIRE SPECIFICATIONS FOR FENCE TYPE 4

- All electric fences must have a standard alarm system per energizer.
- A voltage minimum of 5 000 V must be maintained at all times.
- A back-up system must be in place for each energizer.
- All accommodation facilities within hunting camps must be fenced off.
- Warning signs must be placed at all gates and along fenced public roads at 1 km intervals.
- Special plans with regard to the fencing of dongas and rivers must be submitted for approval.
- Where crocodiles are released in earth dams, a fence mesh of 50x50mm to a height of 1.2m is mandatory along the main boundary fence.
- Crocodiles are not to be released in earth dams where Natural River flows through or across the farm.
- Pre-release holding pen standards for lion, cheetah, brown and spotted hyena and wild dog before release into bigger camp.

1. Minimum size = 30 m x 30 m.
2. Maximum number of animals per camp = 5.
3. All other standards apply as documented in the minimum fencing requirements for specific species, except for the following:
   - Only one fence is required. This fence must be constructed matching all the minimum standard as prescribed for the inside fence specifications for each species;
   - Fence does not have to be concreted into the ground.

Maximum keeping period of predators in temporary holding camps prior to release is six (6) months.

SECTION E

General specifications for the warning signs of predator camps including crocodiles

Compulsory Warning Signs:

1.) Compulsory Warning Sign specifications for predator camps without 'Tourism Approval':

- Main gate/s: Minimum size of the warning sign at the main gate/s should be at least 1 000 mm x 1 000 mm.
- The wording on the warning sign must be indicated in the following three languages: Afrikaans, English and Setswana.
- The following wording must appear on each warning sign:

GEVAAR!
Geen ongemagtigde toegang!

DANGER!
No unauthorized entry!

KOTSI!
Ga o a dumelelwa go tsena!

- The warning signs must be printed in RED letter work on a WHITE background.
- All signage of warning signs must be clearly visible and readable.
- This warning sign must be secured onto the main gate.
- In the case of free roaming predators, warning signs (same specifications as for captive predators) must be placed at all gates and fences bordering public roads at 1 km intervals.

2.) Compulsory Warning Sign specifications for predator camps with 'Tourism Approval':

- All the same specifications as for predator camps without 'Tourism Approval' also apply to those with approval (see above-mentioned specifications).
- Additionally a separate warning sign must be secured onto the main gate, indicating the rules of the predator camp including the following:
  - You enter this predator camp at own risk;
  - You may not feed, tease or throw any objects at the predators;
  - You may not put any body part or object through or against the fences of the predator camps;
  - Trespassers will be prosecuted;
  - Tourists/ visitors must keep a minimum distance of 1 m from the inside fence line.

SECTION F
Minimum quarantine specifications for Crocodile (*Crocodylus niloticus*)

With regard to the keeping and management of all crocodile species in captivity within the North West Province, the department adopted as policy the minimum standards as set out in the South African National Standards (SANS) 631:2009, edition 1, ISBN 978-0-626-22294-9.

With regard to holding pens for temporary housing of crocodiles and their transportation, the department adopted as policy the minimum standards as set out in the South African National Standards (SANS) 1884-3:2008, edition 1, ISBN 978-0-626-21780-8.