

Computer No.140983

**Government of India
Ministry of Environment, Forest and Climate Change
CENTRAL ZOO AUTHORITY**

B-1 Wing, 6th Floor,
Pandit Deendayal Antyodaya Bhawan,
CGO Complex, Lodhi Road, New Delhi – 110 003,
Telephone: +91-11-24367846/51/52, E-mail: cza@nic.in

Dated **12/03/2021**

To
The Chief Wildlife Warden,
Department of Environment, Forests & Climate Change,
Tuikhuahtlang, Aizawl, Mizoram,
E-mail: chiefwildmiz@gmail.com

Subject: Renewal of recognition of the Aizawl Zoological Park, Sakawrtuichhun, Mizoram, under Section 38-H of the Wild Life (Protection) Act, 1972 – regarding

Reference:

1. This Office Memorandum F.No.7-10/2020-CZA(PART-I) dated August 25, 2020
2. This Office letter F.No.21-2/2019-CZA(AK)/2055/2020 dated January 8, 2020
3. This Office letter F.No.19-23/92-CZA(191)(Vol-IX)(NS)/2931/2018(A) dated April 18, 2018
4. Application vide your letter No.B.17015/1/2019-CWLW/Vol-XXI/42 dated May 30, 2019

Sir,

With reference to above, the undersigned is directed to inform that recognition of the Aizawl Zoological Park, Sakawrtuichhun, Mizoram, under Section 38-H of the Wild Life (Protection) Act, 1972, was valid till March 22, 2019. Application vide your letter dated May 30, 2019 received in this office for renewal of recognition. Dr. R. K. Singh, IFS (Retired), evaluating officer deputed by this office has evaluated the zoo on February 6 and 7, 2020. Copy of the Evaluation Report is enclosed herewith for your perusal and needful action.

2. Evaluation Report of the Aizawl Zoological Park, Sakawrtuichhun, Mizoram, was placed before the Technical Committee in its 96th Meeting held on July 30, 2020. The Technical Committee, after detailed deliberation, made its recommendation to the Central Zoo Authority.

3. This office issued Office Memorandum F.No.7-10/2020-CZA(PART-I) dated August 25, 2020 regarding renewal of recognition of the zoo. Subsequently, the Central Zoo Authority, in its 37th Meeting held on December 7, 2020, in exercise of powers conferred under sub-section (1), (3) and (4) of Section 38-H under the Wild Life (Protection) Act, 1972, approved recommendation of the Technical Committee.

4. The Central Zoo Authority has regularised the period after March 22, 2019 and renewed recognition of the Aizawl Zoological Park, Sakawrtuichhun, Mizoram, as a Small Zoo for a period up to **August 19, 2022** subject to compliance with following conditions as per the Recognition of Zoo Rules, 2009 (RZR) and mid-term evaluation of the zoo.

Sl.	Norm No. under RZR	Condition	Time period to comply
1. General requirements:			
1	10.1(1)	Introduction of new blood has not been made since establishment of the zoo as reported by the zoo authorities. Therefore, effort should be made to introduce new blood among captive animals.	One year
2	10.1(7)	Soak pits should be constructed for managing liquid waste.	One year
3. Development and Planning:			
3	10.3(3)	Most of the enclosures require painting and minor repair work. There is need to provide adequate budget for the maintenance of the infrastructure. Zoo should be provided budget for maintenance every year under separate budget head. Maintenance record book should also be maintained.	One year
4	10.3(8)	Necessary approval should be obtained for the rescued animal immediately.	Immediately
4. Animal housing, display of animals and animal enclosures:			
5	10.4(1) & 10.4(3)	<i>Ageratum</i> species are present in most of the enclosures. It has been included in the list of global invasive species. This could be harmful to the animals. Therefore, this must be eradicated from all enclosures.	One year
6	10.4(2)	Ventilation has been provided in the feeding cell of the Himalayan Black bear by breaking open a portion of the roof. The opening should be covered to prevent the rainwater while allowing adequate natural light and aeration inside	Six months
7	10.4(3)	Wild pigs have dug holes along the boundary wall of the enclosures. This should be repaired with proper reinforcement.	Three months
8	10.4(3)	Reptiles are not visible during the daytime due to excessive light in the viewers gallery which needs to be covered in such a way that adequate natural light and aeration is available inside the gallery. At present, the sunlight is used for basking by the snakes. Therefore, heating pads should be provided in the enclosures after covering the viewers gallery.	One year
9	10.4(7)	Creepers can also be used appropriately along with plants to provide proper screening in the backside of exhibits.	One year
10	10.4(9)	Consistent effort should be made to cover the remaining blank patches with live hedge between moat wall and stand-off barriers of enclosures	One year
11	10.4(10)	Signage at enclosure housing Hoolock Gibbon should be replaced as it has been damaged.	One month

Sl.	Norm No. under RZR	Condition	Time period to comply
5. Upkeep and healthcare of animals:			
12	10.5(2)	Food and water samples should be periodically sent for testing. Records of checking by Veterinary doctor of the quality of feed supplied need to be maintained in the register.	One month
13	10.5(2)	Meat is procured for the carnivores of the zoo. However, there is no separate meat house. Therefore, meat house as per approved design of the CZA should be constructed. Also, new deep freezer should be procured to keep meat.	One year
14	10.5(5)	New footbath of adequate size should be constructed at the entry and exit points of animal house.	One year
15	10.5(5)	Schedule of disinfection has been prepared. However, enclosure-wise date of disinfection should be recorded in the register by the V.O.	One month
16	10.5(5)	The frequency of cleaning of wet moat in the Hoolock gibbon enclosure should be increased.	One month
17	10.5(9)	Last health check-up of staff was organized on 16 July 2018. Screening of staff against zoonotic diseases should be organized within a month.	One month
6. Veterinary and infrastructure facilities:			
18	10.6(1)	Treatment Room requires proper drainage system.	One year
19	10.6(3)	Separate operation theatre should be created.	Six months
20	10.6(3)	Tranquilizing and restraining equipment should be procured, and the VO and staff should be trained to use the equipment. Additional restraining facilities and better squeeze cages should also be procured.	Six months
21	10.6(3)	Post-mortem room needs major repair and proper drainage system with appropriate facilities of waste management.	One year
22	10.6(6)	Zoo should also have linkages with IVRI, Bareilly, CCMB-Hyderabad and College of Vet. Science, Guwahati for assistance in scientific diagnosis of diseases of serious nature and advice on the effective remedial treatment training and prevent care.	One year
9. Acquisition and breeding of animals:			
23	10.9(4)	Efforts should be made for pairing of singly housed animals housed in zoo namely Binturong, Capped Langur and Clouded Leopard.	Six months
24	10.9(6)	Suggestion made in the earlier evaluation report regarding planned breeding of Hoolock gibbon should be complied with.	One year
25	10.9(6)	Assistance should be sought from eminent institutions having expertise in breeding of Asian Brown Tortoise as it has been done in Nagaland for successfully breeding and survival of Asian Brown Tortoise.	One year
26	10.9(6)	Assistance should be sought from other zoos that are successfully breeding Hume's Pheasant.	One year

Sl.	Norm No. under RZR	Condition	Time period to comply
10. Research activities:			
27	10.10	Research institutes occasionally collect data from the zoo. There is no planned research activity in place as of now. Biologist should be placed to systematically collect data on animal behaviour as mentioned in the draft revised master plan.	One year
11. Education and outreach activities:			
28	10.11(1)	Zoo should try to have Souvenir Shop, dedicated <u>website</u> and facility for Guided Tour. Outreach and awareness program could help in increasing the footfall.	One year
12. Visitors' facilities:			
29	10.12(1)	Waterless urinal pots should be procured as there is scarcity of water in the zoo.	One year
30	10.12(3)	Special arrangement should be made for <u>Divyang jan</u> .	One year
Non-statutory recommendation			
31		Zoo staff should be provided uniform.	One year

5. A compliance report to the Central Zoo Authority on implementation of the aforesaid conditions shall be submitted by the zoo within three months of issue of this letter followed by half-yearly report.


6. The renewal of recognition of the Aizawl Zoological Park, Sakawrtuichhun, Mizoram, for period beyond August 19, 2022 as a Small Zoo would be considered on the basis of compliance of the conditions stated above and general performance of the zoo.

7. The recognition of the Aizawl Zoological Park, Sakawrtuichhun, Mizoram, shall be revoked by the Central Zoo Authority at any point of time if the Zoo Operator is found not complying with the stipulated conditions.

This issues with approval of the competent authority.

Encls. As above

Yours sincerely



(Sonali Ghosh)

Dy Inspector General Of Forest

Copy for information / necessary action to:

1. The Principal Secretary to the Government of Mizoram, Department of Environment, Forest and Climate Change, Tuikhuahtlang, Aizawl – 796 001, E-mail: pccfaizawlmizoram@gmail.com [Zoo Operator of the Aizawl Zoological Park, Sakawrtuichhun, Mizoram, under Rule 2(m)(III) of the Recognition of Zoo Rules, 2009]
2. The Director, Aizawl Zoological Park, Sakawrtuichhun, Aizawl, Mizoram, E-mail: dcfwazl@yahoo.co.in
3. The DPA, O/o CZA – to update database and to upload on official website of the CZA.

sd/-
(Sonali Ghosh)
Dy Inspector General Of Forest



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GOVERNMENT OF INDIA

भारत सरकार

MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE

पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय

Central Zoo Authority

केन्द्रीय चिड़ियाघर प्राधिकरण



F. No. 19-23/92-CZA(191)(Vol. IX)(NS)/2931/2018 (A)

By Post / E-mail
Date: 18.04.2018

To,

The Chief Wildlife Warden,
Department of Forests,
Government of Mizoram,
Environment Forest Complex,
Tuikhuahtlang, P.O. Aizwal-796 001 (Mizoram)
Email: chiefwildmiz@gmail.com

Sub:- Renewal of recognition to the Aizawl Zoo, Aizawl, Mizoram for period beyond 30.09.2015 under Section 38H(1) of the Wildlife (Protection) Act, 1972 – reg.

Ref:-

1. This office letter F. No. 19-23/92-CZA(191)(Vol. VI)(M)/2629, dated 15.04.2013.
2. Your office letter No. B.17015/2/2015-CWLW/Vol-V/117, dated 17.06.2015.
3. This office letter F. No. 19-23/92-CZA(191)(Vol. IX)(AK)/2592/2018 dated 14.03.2018.

Sir,

Reference is invited to above cited correspondence. It is to inform that the evaluation of Aizawl Zoo, Aizawl, Mizoram was carried out by Dr. Brij Kishor Gupta, Evaluation and Monitoring Officer, Central Zoo Authority on 20.03.2018. The evaluation report of the Aizawl Zoo, Aizawl, Mizoram as submitted by the evaluating officer was considered by the Technical Committee in its 85th Meeting held on 23.03.2018. After detailed deliberations, the Technical Committee decided for renewal of recognition of the Aizawl Zoo, Aizawl, Mizoram for a period of one year. A copy of the evaluation report as submitted by the evaluating officer is enclosed with this letter for your perusal and needful action.

The renewal of recognition to the Aizawl Zoo, Aizawl, Mizoram as a "Small Category Zoo" as per the provisions of Section 38H(1) of the Wild Life (Protection) Act, 1972 is for a period up to 22.03.2019 subject to the compliance of the following directives under the **Recognition of Zoo Rules (RZR), 2009** and mid-term evaluation, and to regularise the period after 30.09.2015:-

S. No.	Norm under RZR, 2009	Particulars of Suggestions/Recommendation	Time Period to Comply
General requirements			
1	10 (1.2)	In the Himalayan black bear enclosure more green trees inside the enclosure should be planted.	With immediate effect.
2	10 (1.2)	Thorny hedges should be planted between the moat wall and stand-off barriers at various enclosures. Signboards warning the visitors to keep away from the animals should also be provided.	With immediate effect.

Continued

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3	10(1.3)	The enclosure which are empty and do not have any animals should not carry any signage of animals. The Nocturnal House where nocturnal animals are housed should be opened to public view. The air conditioner placed therein should be made functional else alternate arrangement should be made.	With immediate effect.
4	10 (1.7)	Despite few number of visitors, enclosures were seen with plastics. Since zoo has inadequate staff, entry of plastics should be checked at the entrance itself by declaring the zoo as 'plastic free zone'. To make the zoo plastic free, arrangement should be made in the entrance gate itself.	With immediate effect.
Administrative and Staffing Pattern			
5	10(2.2 & 6.5)	The Range Forest Officer, Aizawl who is the officer-in-charge of the zoo should be assigned with zoo work exclusively. He should also be deputed for appropriate training organised by the CZA in the region. Being a small category zoo, the zoo should have a full time Veterinary Officer, one Stockman/Compounder and a Biologist cum Education Officer, as mandatory.	With immediate effect
Development and Planning			
6	10 (3.6)	The zoo should determine the carrying capacity of the various enclosures in terms of the maximum number of the animals that can be displayed in the zoo. They should also decide the optimum number of the animals to be kept in the animal enclosures.	With immediate effect.
7	10(3.8)	The zoo should refrain from acquiring rescued wild animals unless the prior approval from Chief Wildlife Warden of the State and from the Central Zoo Authority are obtained and the Zoo has appropriate housing facility for the animals. During the evaluation of the zoo, it was observed that zoo has acquired rescued Himalayan black bear (1:1), Serow (1:0) and Burmese python (1:1), Hoolock gibbon (1:0), Slow loris (1), Himalayan wood owl (2) and Golden cat (1) during the financial year 2017-18 without obtaining the mandatory approval of CWLW of the States as well as the CZA.	With immediate effect
Animal housing, display of animals and animal enclosures			
8	10(4.2 & 5)	The rear side of animal exhibits of Himalayan black bears, Serow, Clouded leopard and Binturong has been used by visitors for viewing, as the zoo has not provided any screening. There is urgent need to provide screening in the back side of exhibits, in such a way that visitors should be able to see the animal from front only.	Three months

Continued

9	10(4.2)	<p>The zoo should repair and paint the mesh and other steel used in paddock as well feeding and night cells of all animal exhibits at the zoo.</p> <p>The zoo should have feeding and retiring cells of Himalayan black bear and Clouded leopard with proper drainage of water. The water trough provided to all animal in paddock as well as inside the feeding and retiring cells should be cleaned daily. Keeping in view the welfare of the animals, the Zoo should have a kraal for Clouded leopard, as single animal is released at a time. The other animal is kept inside the feeding and retiring cell only.</p> <p>The feeding and retiring cells of Clouded leopard, Himalayan black bear and Hoolock gibbon should be provided with adequate provision for ventilation and sunlight</p>	Six months
10	10(4.2)	The possibilities of confining the Sambar enclosure within the lower limits of Barking deer and Sambar enclosure should be made. The Barking deer could be housed in the upper portion adjoining the proposed park.	Three months
11	10(4.2)	Feeding cell of the Himalayan black bear should be modified to provide adequate ventilation and sunlight.	Three months
12	10(4.2)	Himalayan griffon and Crested serpent eagle should be shifted to the aviary in which larger Burmese grey peacock and Jungle fowl are displayed. New enclosure should be provided for these species with height not more than 2.5 mtrs. The enclosure should have adequate depth to provide the animals withdrawal area, provision of adequate screening should also be made in these enclosures.	With immediate effect.
13	10(4.2)	The Himalayan griffon should be sent to Vulture Conservation Breeding Centre, Assam. In the meantime, the same should be shifted to the larger enclosure.	Two months
14	10(4.2)	The Leopard cat enclosure- these cats should be shifted to Nocturnal house and the present enclosure should be dismantled.	With immediate effect.
15	10(4.3)	<p>The male Hoolock gibbon housed separately in feeding cell, due to fighting with females, should be provided with kraal having appropriate enrichment.</p> <p>All feeding/retiring cells at the zoo should be locked and they should have independent lock and key.</p> <p>The gates provided at feeding and retiring cell of Hoolock gibbon should be strengthened. The sliding door length should be increased. It was seen that presently the animal is able to bring his hands out side from the side of wall and gate, which is not safe for the keepers as well as the animals. The same should be rectified immediately.</p>	Six months

Continued

16	10(4.4)	The entry to all feeding and retiring cells at the zoo should have a barrier not allowing visitors to see the animals. At present, no such provision has been provided. The Capped langur, Assamese macaque, Pig tailed macaque, and Rhesus macaque enclosures have been provided only two cells. However, the number of individuals housed are more than number of feeding and retiring cells. Thus it is advised to have additional feeding and retiring cells to be constructed, as per the need of the species and availability of area.	Six months
17	10(4.6)	The new exhibit under construction for Reptiles and Stump tailed macaque at the Zoo should have appropriate enrichment of all individuals to be housed.	With immediate effect
18	10(4.9)	The zoo should display adequate sign boards so as to give warning to the visitors to keep a safe distance from the animals. The second enclosure for Himalayan black bear does not have any signage for visitors.	Three months
19	10(4.10)	The zoo should provide appropriate signage with relevant information on the biology, behaviour and the population status of the species in the wild at every display enclosure The directional and warning signage at the zoo should also be provided.	Three months
Upkeep and healthcare of animals			
20	10(5.2)	The zoo operator should ensure round the clock supply of potable water to all the animals in the zoo. It was observed that there is no water body in the paddock area of Himalayan black bear, Capped langur and Clouded leopard enclosure.	With immediate effect
21	10(5.2)	The quality of feed supplied by the supplier should be checked by the Veterinary Officer and the Quantity should be checked by R.O.	With immediate effect.
22	10(5.3)	The feed store and kitchen should be equipped properly and appropriate arrangements should be made for hygiene storage of food material.	Three months
23	10(5.5)	The animal exhibits of Himalayan black bear, Capped langur and Asian brown tortoise were seen with plastic waste. It should be cleaned immediately.	With immediate effect
24	10 (5.5)	Every water pool should have proper drainage facility and should be cleaned periodically.	With immediate effect.
25	10 (5.5)	Schedule for periodic disinfection of enclosure should be prepared and displayed at each enclosure.	With immediate effect.
26	10 (5.5)	In the Hoolock gibbon enclosure, water in the wet moat needs to be cleaned properly.	With immediate effect.

Continued

27	10 (5.6)	The condition and health of all the animals in the Zoo should be checked every day by the person In-charge of their care. Any animal found sick, injured or unduly stressed, the matter should be reported to the Veterinary Officer for providing treatment expeditiously.	With immediate effect.
28	10(5.8)	The zoo animals should be screened for parasitic loads as per written schedule prepared by the zoo in consultation with the veterinary officer and prophylactic medicines administered as per clinical requirements. The zoo at present is not doing any such screening.	With immediate effect
29	10(5.9)	The zoo should carry out screening of all staff working with animal for the zoonotic disease.	With immediate effect
30	10(5.10)	A system of Daily report from keeper about the health of the animal and status of the enclosures should be put in place. The report should be counter signed by the Supervisor and the Range Officer before it reaches to the desk of the Director.	With immediate effect.
31	10(5.10)	The Zoo should maintain the Animal History Sheet, Herd Sheet for herbivores, and Treatment cards in the format as prescribed by the CZA. The Animal History Card at the zoo should be updated.	With immediate effect
Veterinary and infrastructure facilities			
32	10(6.1)	The zoo should have Veterinary Facilities with all basic diagnostic facilities, comprehensive range of drugs, operation theatre and in-patient wards. The present Veterinary Dispensary at the zoo does not have any equipments or medicines.	Three months
33	10(6.1 b)	The veterinary hospital should be upgraded and provision for properly equipped in house lab for routine examination of the stool, urine and blood samples of the animals should be done.	Three months
34	10(6.3)	The zoo should have adequate number of squeeze cages, for restraining and handling of wild animals.	Three months
35	10(6.3)	The hospital should have reference books/ literature pertaining to the disease and treatment of animals, particularly "Zoo and Wild Animal Medicine" by Fowler, M.E. & "Wild Mammals in Captivity" by Keliman, D.G. et al.	Three months
Post-mortem and disposal of carcasses of animals			
36	10 (7.3)	The viscera of the animals after post mortem should be sent to Indian Veterinary Research Institute, Bareilly/Veterinary College, Guwahati for forensic/ disease diagnostic in all cases where the post mortem findings are not conclusive.	With immediate effect.

Continued

Acquisition and breeding of animals			
37	10(9.3)	<p>The zoo should acquire mates for single and unpaired animals on priority basis and in the event of zoo failing to find a mate</p> <p>for single and unpaired animal within a period of six months, the animals may be transferred to other zoo. During the evaluation the zoo was having following single sexed animals: Binturong Slow loris Red Flying squirrel Capped langur Golden cat Leopard cat Goral</p> <p>The Central Zoo Authority had already directed vide letter dated 15.04.2013 to shift the Himalayan griffon vultures to the Vulture Conservation Breeding Centre in Assam.</p>	Six months
38	10(9.6)a	<p>The Conservation Breeding Centre for Hoolock gibbon (4 units) being established with the financial assistance of CZA has been housing (1:1) animals in two units. The remaining two units are unutilized.</p> <p>The Hoolock gibbon housed at the conservation breeding centre have stopped breeding. These animals were last bred in 2011 and 2013. Thus it is advised that the zoo to assess the breeding programme. May also examine the existing population of Hoolock gibbon, their genetic profile, stud book details. If required may infuse new blood by exchanging or bringing Hoolock gibbon from Biological Park, Itanagar or any other zoo in the region with prior approval of the CZA. The animals should also be marked and their separate records to be maintained.</p>	With immediate effect
39	10(9.6)b	<p>The Conservation Breeding of endangered Asian brown tortoise once bred successfully has stopped breeding at the zoo. The zoo presently has 9:6 individuals. It is advised to assess this programme in consultation with CZA. The age of the animals housed and their diet need special attention. The turtles part of breeding programme should be marked.</p>	With immediate effect
40	10(9.6)c	<p>The Conservation Breeding of Hume's peasant initiated with the financial assistance of CZA has stopped breeding, The zoo has only 1:1 birds in its collection. The Hume's peasant which are part of breeding programme should be marked.</p>	With immediate effect
Education and outreach activities			
41	10 (11.1)	<p>The zoo should publish leaflets, brochures and guide books and make the same available to the visitors either free of cost or at a reasonable price.</p>	Three months

Continued

42	10(11)	The zoo should educate the visitors to the zoo and the people at large about the significance of wildlife conservation for the general well being of the people and keeping the life support system of nature intact and the efforts should be made to make people aware about the role played by the zoos in this regard and the ways and means through which general public can participate and contribute for the same. At present the zoo has not been conducting any education programme although the objective of functioning of a zoo under National Zoo Policy, 1998 is Conservation Education also.	With immediate effect
Visitor's facilities			
43	10 (12.1)	More number of toilets, visitors sheds and drinking water points at different locations in the zoo should be provided for use of visitors. Proper shade should be provided in all the visitor galleries at animal enclosures.	Three months
44	10 (12.3)	Necessary arrangements should be made to provide access to the zoo to disabled visitors including those in wheel chairs.	With immediate effect.
Maintenance of Records and submission of Inventory			
45	11(1)	The zoo should maintain record of the Births, Acquisitions, Deaths and Disposals of animals of each species in its collection in the manner and in the format prescribed by the Central Zoo Authority	With immediate effect
Non Statutory			
46	10 (1.7)	It was observed that the keepers of the zoo have been burning the leaf litter inside the animal exhibits itself. It should be stopped immediately.	With immediate effect.
47	10 (5.3)	Keeping in view the welfare and health of animals, the zoo may feed most of its omnivore and herbivore animals twice a day. A meal in the morning and second one in late afternoon.	With immediate effect.

A half yearly report regarding progress made in implementation of the aforesaid conditions should be submitted to the Central Zoo Authority.

The renewal of recognition to the Aizawl Zoo, Aizawl, Mizoram for period beyond 22.03.2019 as a "Small Category Zoo" would be considered on the basis of compliance of the conditions stated above and general performance of the zoo.

The recognition to the Aizawl Zoo, Aizawl, Mizoram shall be revoked by the Central Zoo Authority, at any point of time if the Zoo Operator is found not complying with the stipulated conditions.

Yours sincerely



(Dr. D.N. Singh)
Member Secretary

Encl. As above

Copy to:-

1. The Director, Aizawl Zoological Park, Sakawrtichhun, Near 5th Bn IR Lungverh, Aizawl - 796 001 (Mizoram), Email: dcfwazl@yahoo.in – for information.
2. The DPA, CZA – to update database.

जहाँ है हरियाली।
वहाँ है खुशहाली।।

GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT & FORESTS
Central Zoo Authority



THROUGH REGISTERED POST

F. No. 19-23/92-CZA(191)(Vol. VI)(M) | 2629

DATE: 15.04.2013

To

The Chief Wildlife Warden
Government of Mizoram,
Environment & Forests Department,
Aizawl (Mizoram).

Sub:- Renewal of recognition to the Aizawl Zoological Park, Aizawl, Mizoram beyond the period of 30.09.2012 under Section 38H of the Wild Life (Protection) Act, 1972 - Regarding.

Sir,

Reference is invited to your letter No. B.17015/2/2011-CWLW/18 dated 3rd August 2012 seeking renewal of recognition to the Aizawl Zoological Park, Aizawl, Mizoram beyond the period of 30.09.2012 under Section 38H of the Wild Life (Protection) Act, 1972.

The evaluation of the Aizawl Zoological Park, Aizawl was carried out by Sh. B. S. Bonal and Dr. Apurva Chakraborty on 21.02.2013. The evaluation report of Aizawl Zoological Park, Aizawl as submitted by the evaluating officers was considered by the Technical Committee in its 65th Meeting held on 22nd March 2013.

The Central Zoo Authority has decided to grant of recognition to Aizawl Zoological Park, Aizawl as "a Small Category Zoo" under Section 38H of the Wild Life (Protection) Act, for a period up to 30.09.2015 subject to following conditions:-

- (i) The State Government of Mizoram should consider getting funds for upkeep and management of animals from 13th Financial Commission Grant.
- (ii) The State Government of Mizoram should also make specific budget provision for upkeep of animals in the zoo and depending on other funds.

and the compliance of the following directives under the Recognition of Zoo Rules, 2009 and mid-term evaluation of the zoo:-

S. No.	Relevant Norm No.	Condition Stipulated	Time Period to Comply
1. General requirements			
1.	1.2	Domestic dove should be removed from the Hoolock gibbon breeding centre.	Immediately

2. Administrative and staffing pattern			
2.	2 (1)	As per the Recognition of Zoo Rules, 2009, the financial power should be vested to the full time in-charge of the Zoo i.e. R. O. or Zoo Director taking the full charge of Zoo along without having additional works.	Within six months
3.	2 (2)	Increase of manpower is strongly recommended.	Within six months
4.	2 (3)	(i) To look after the enclosure, there should be a group of at least three men in one group covering 2-3 enclosures and should arrange accordingly. (ii) All the keepers should report to R. O. in the morning and take the keys for their enclosure which will be in the custody of R. O. himself.	With immediate effect
4. Animal housing, display of animals and animal enclosures			
4	4.2	(i) The enclosure for <u>Malayan sun bear</u> is under construction which should be as per the approved design and restrict the viewing site providing proper live hedge with adequate gap between chain-link and standoff barrier (2-3 mt.)	Within six months
5		(ii) The night house in the <u>Rhesus macaque enclosure</u> should be cleaned and using appropriate disinfectant on the floor, the wall and iron bar doors should be cleaned and burnt by blow lamp. Potassium should be put in the gate of night house for all enclosures. Water hole should be washed with lime water.	Immediately
		(ii) The males should be sterilized for maintaining their population immediately	Within three months
6		(iv) The furniture in <u>Binturong enclosure</u> should be provided and should be cleaned and using appropriate disinfectant, the wall and iron bar doors should be clean and burnt by blow lamp. Potassium should be put in the gate of night house for all enclosures. Water hole should be washed with the lime water.	With immediate effect
7		(v) In the <u>Himalayan black bear</u> enclosure more green tress inside the enclosure should be planted.	With immediate effect
		(vi) In the <u>Wild boar enclosure</u> , water basin is to be cleaned, provision for wallowing i.e. swamp should be provided.	With immediate effect

		(vii) In the <u>Nocturnal house</u> , provision of sunlight at the back vegetation and signboard should be provided.	Within three months
		(viii) In the <u>Hoolock gibbon</u> enclosure, water in the wet moat needs to be cleaned properly.	With immediate effect
		(ix) The <u>Himalayan griffon</u> should be sent to Vulture Conservation Breeding Centre, Assam. In the meantime, the same should be shifted to the larger enclosure.	Within three months
		(x) The <u>Leopard cat enclosure</u> – these cats should be shifted to Nocturnal house and the present enclosure should be dismantled.	With immediate effect
	4 (3)	<u>Jungle fowl</u> (pair) near Veterinary Dispensary should be shifted to the display enclosure or release into the wild.	With immediate effect
	4 (8)	Structure of enclosure – all the designs and structure should be constructed as per the approval of CZA.	With immediate effect
	4 (9)	(i) In the enclosures like <u>Himalayan black bear</u> , Malayan sun bear, Binturong, Clouded leopard, Aviaries, Primate enclosures etc., the area between the enclosure and visitor standoff barrier should be planted with hedge.	Within three months
		(ii) Some of the existing visitor gallery should be cut short or made barrier to the excess of visitor gallery like Himalayan black bear enclosure, Rhesus macaque enclosure.	Within six months
5. Upkeep and healthcare of animals			
	5 (2)	The quality of feed supplied by the supplier should be checked by Veterinary Officer and the quantity should be checked by R. O.	With immediate effect
	5 (4)	(i) Platform should be provided for preparation of feed in store house. (ii) Feed store and refrigerator including the floor and furniture inside the store should be kept clean. Feed chart should be prepared. Vegetable should not be procured for 15 days at a time but supplied daily.	Within three months With immediate effect

5 (5)	(i) Despite of few number of visitors, enclosures were seen with plastics. Since zoo has inadequate staff, entry of plastics should be checked at the entrance itself by declaring the zoo as 'plastic free zone'. (ii) To make the zoo plastic free, arrangement should be made in the entrance gate itself.	Immediately With immediate effect
5 (6)	Handicapped Hoolock gibbon may be provided furniture for playing and exercises and cleaned her enclosure and nigh house otherwise may be shifted to breeding centre.	With immediate effect
5 (10)	Keeper diary/ monitoring sheet should be maintain in each enclosure.	With immediate effect

Others

- (i) Watch tower is not necessarily and may be closed or maintain it properly.

A half yearly report regarding progress made in implementation of the aforesaid conditions should be submitted to the Central Zoo Authority.

Grant of recognition to Aizawl Zoological Park, Aizawl beyond 30.09.2015 as "a Small Category Zoo" would be considered on the basis of compliance of the conditions stated above and general performance of the zoo.

The recognition to the Aizawl Zoological Park, Aizawl shall be revoked by the Central Zoo Authority, at any point of time if the Zoo Operator is found not complying with the stipulated conditions.

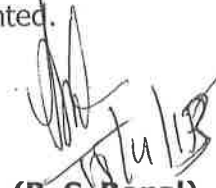
Yours faithfully,



(B. S. Bonal)
Member Secretary

Copy to:-

1. The Chief Wildlife Warden, Government of Mizoram, Aizawl for favour of information and with a request that the stipulated conditions may be got implemented.
2. Mr. Vivek Goel, DPA, CZA



(B. S. Bonal)
Member Secretary



सत्यमेव जयते

GOVERNMENT OF INDIA

MINISTRY OF ENVIRONMENT & FORESTS

Central Zoo Authority

SPEED POST



BY REGISTERED POST

F. No. 19-23/92-CZA(191)(Vol. V)(M)

DATE: 22.09.2009

To

The Chief Wildlife Warden
Government of Mizoram
Environment & Forests Department,
Aizawl (Mizoram).

Sub:- Grant of renewal of recognition to the Aizawl Zoological Park, Aizawl beyond the period of 31.12.2008 under Section 38H of the Wild Life (Protection) Act, 1972 - Regarding.

Sir,

Reference is invited to your office letter No. B.17015/2/2008-CWLW/183 dated 26.11.2008 seeking grant of renewal of recognition to the Aizawl Zoological Park, Aizawl beyond the period of 31.12.2008 under Section 38H of the Wild Life (Protection) Act, 1972.

The evaluation of the Aizawl Zoological Park, Aizawl was carried out on 8th - 9th June, 2009 by Sh. S. C. Sharma and Dr. Brij Kishor Gupta. The evaluation report submitted by the evaluating officers was considered by the Technical Committee in its 51st Meeting held on 23rd July, 2009.

The Central Zoo Authority has decided to grant renewal of recognition to the Aizawl Zoological Park, Aizawl as a small category Zoo under Section 38H of the Wild Life (Protection) Act, for a period up to 30th September, 2012 subject to the compliance of the following directives under the Recognition of Zoo Rules, 1992:-

S. No.	Relevant Norm No.	Conditions	Time Period to comply the conditions
General			
1.	4	(i) The breach in the perimeter wall should be repaired in such a manner that enough space is available for drainage of water and the silt carried by it. (ii) Appropriate soil conservation measures should be taken in the area forming part of potential water stream by way of gali plugging and contour bundhs. Contour terracing in herbivore enclosures, subject to severe soil erosion, should also be provided. Inspection path with modern of gradient should be	With immediate effect With immediate effect

Handwritten signature and initials

		provided for regular monitoring of the perimeter wall.	
2.	11	The zoo should determine the carrying capacity of the various enclosures in terms of the maximum number of the animals that can be displayed in the zoo. They should also decide the optimum number of the animals to be kept in the animal enclosures.	Three months
Administrative and Staffing pattern			
3.	12	Deputy Conservator of Forests (WL) should be made whole time In-charge of the zoo. Government should be approached to de-centralized the mechanism for purchase of animal feed to enable decisions in this regard can be taken expeditiously. Range officer should be made to reside at the zoo site. This will help in closer monitoring of the management of the animals.	Immediately
4.	13	The Central Zoo Authority and the State Government should ensure that Range Officers, Supervisory staff and the keepers are provided exposure to the concept of zoo management by giving them an opportunity to visit some of the good zoo in the country.	Immediately
Animal enclosures – Design, Dimensions and other Essential Features			
5.	15	Thorny hedges should be planted between the moat wall and stand of barriers at various enclosures. Signboards warning the visitors to keep away from the animals should also be provided.	Three months
6.	18 (i)	Appropriately designed feeding cell should be provided at Serow enclosure.	Six months
	18 (ii)	Clouded leopard enclosure should be modified appropriately through, use of wooden planks and other material, in such a way that keepers can feed their animals within feeding cells conveniently.	Six months
	18 (iii)	The keepers/ supervisory staff should not enter into the animal enclosure in a routine manner, without closing the animal in the feeding cell. Of course, in case of emergency when an animal has to be attended on priority basis and it is not coming into the feeding cell, the animal may be approached taking due precaution for the security of the animal and the staff.	With immediate effect
	18 (iv)	Feeding cell of the bear should be modified to provide adequate ventilation and sunlight.	Six months
	18 (v)	The shutters made of bars/ and iron angle of appropriate dimensions and strength. Proper cooling system should be provided to facilitate smooth operating of the shutter. Provision for proper locking system should be made so that the shutters cannot be opened either by the bears or some intruders in the animal enclosure.	Six months

	18 (vi)	Appropriate drainage should be provided in the enclosure. Provision of a soak pit for disposal of the washings from the enclosures should be made.	Six months
7.	19	The zoo should make a detailed plan for disposal of washings/ solid waster from the enclosure. Under no circumstances, these washings should be allowed to impact the hygiene/ sanitation within the zoo area.	With immediate effect
Hygiene, Feeding and Upkeep			
8.	21	The feed store should be shifted to an alternative site away from the post-mortem room and incinerator. Having the food store near the dispensary would facilitate expeditious examination of the quality of the food by the veterinary doctor. The rooms available near the hospital could be used as feeding cell after appropriate modifications.	One year
9.	23	All the animals should be fed either in the feeding cell attached with the enclosure or a kraal covered from the top so that the crows and other pests cannot cause infection to the animals.	With immediate effect
10.	24	Every water pool should have a proper drainage facility and should be cleaned periodically.	With immediate effect
11.	25	Schedule for periodic disinfection of enclosure should be prepared and displayed at each enclosure.	With immediate effect
12.	27.	A system of daily report from keeper about the health of the animal and status of the enclosures should be put in place. The report should be counter signed by the Supervisor and the Range Officer before it reaches to the desk of the Director.	With immediate effect
13.	28.(i)	Schedule for determination of parasitic loads/ bacterial and viral infection in animals should be prepared and implemented meticulously.	With immediate effect
14.	28(ii)	Whenever any animal dies in the zoo, its blood, should be tested for anthrax before carrying out the post mortem of the animal.	With immediate effect
15.	29	The zoo authorities should ensure the check up of the zoo staff for zoonotic disease every six months and those found positive should be removed from animal upkeep duty.	With immediate effect
16.	30 (i)	The veterinary hospital should be upgraded and provision for properly equipped in house lab for routine examination of the stool, urine and blood samples of the animals should be done.	Six months
	30 (ii)	The hospital should have properly equipped operation theatre.	One year
	30 (iii)	Tranquilizing gun and other accessories and drugs should be made available at the hospital.	One year

17.	30 (iv)	The hospital should have reference books/ literature pertaining to the diseases and treatment of animals, particularly "Zoo and Wild Animal Medicine" by Fowler, M.E. & "Wild Mammals in Captivity" by Keliman, D. G. et al.	Six months
Veterinary Facilities			
18.	32	The zoo should have adequate number of squeeze cages for restraining and handling of zoo animals.	Six months
19.	34	Post mortem examination of the animals should be followed up by forensic examination of the viscera of the animals to identify the cause of death of the animal conclusively.	With immediate effect
Breeding of Animals			
20.	36/40	Steps for vasectomy of excessive male Sambhar enclosure should be taken.	With immediate effect
21.	39	The zoo should take appropriate measures to acquire mates for Malayan Sun bear, Clouded leopard.	Six months
Education and Research			
22.	45	Appropriately designed signboards containing scientific/ ecological information should be provided at each enclosure.	Six months
23.	46	Zoo should publish leaflets, brochures and guidebooks to provide adequate ecological/ biological information on the rich flora and fauna of the state.	Six months
24.	51	The Zoo should prepare a long-term Master plan for its development in the format as circulated by the Central Zoo Authority. The copies of the said plan should be submitted to the Central Zoo Authority for its approval.	Revised plan to be prepared and submitted to this office at the earliest keeping in view of the observations communicated by this office.

Non-statutory recommendations

- Steps to improve the visibility of animals should be taken at various enclosures by way of thinning of the ground flora/ small saplings at Clouded leopard enclosure, Pied hornbill enclosure and Jackal enclosure.
- Himalayan griffon and Crested serpent eagle should be shifted to the aviary in which larger Burmese grey peacock and Jungle fowl are displayed. New enclosures should be provided for these species with height not more than 2.5 mtrs. The enclosures should have adequate depth to provide the animals withdrawal area, provision of adequate screening should also be made in these enclosures.
- The zoo authorities are advised to explore the possibility of having a visitor pathway at the level of Serow enclosure so that the herbivores and other animals can be visible to visitors

- 5
- The possibilities of confining the Sambar enclosure within the lower limits of Barking deer and Sambhar enclosure should be made. The Barking deer could be housed in the upper portion adjoining the proposed park.
5. Layout Plan of the zoo should be displayed at prominent places indicating directions of the enclosures of important species. The interpretation centre made by the zoo is not serving any useful purpose at the moment. It should be developed and number of panoramas/ interpretive exhibits should be provided to educate the visitors about the ecological value of wildlife. Contribution of zoos made in this regard.
 6. Arrangement for training the keepers, supervisory staff and the veterinary officer of the zoo should be made on priority basis.
 7. The viscera of the animals after post mortem should be sent to Indian Veterinary Research Institute, Bareilly/ Veterinary College, Guwahati for forensic/ disease diagnosis in all cases where the post mortem findings are not conclusive.

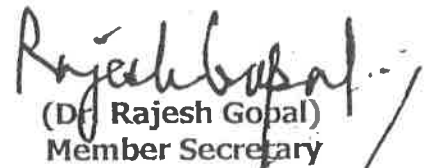
A half yearly report regarding progress made in implementation of the aforesaid conditions should be submitted to the Central Zoo Authority.

Grant of recognition beyond 30th September, 2012 to the Aizawl Zoological Park, Aizawl as a 'small category zoo' would be considered on the basis of compliance of the conditions stated above, general performance and physical evaluation of the zoo.

The recognition to the Aizawl Zoological Park, Aizawl shall be revoked by the Central Zoo Authority, at any point in time if the Zoo Operator is found not complying with the stipulated conditions.

Yours faithfully,
sd/-
(Dr. Rajesh Gopal)
Member Secretary

Copy to the Deputy Conservator of Forests (Wildlife), Aizawl Zoological Park, B. Sanghnuna Building, Tuikhuahtlang, Aizawl - 796 001, Mizoram for favour of information & necessary action.


(Dr. Rajesh Gopal)
Member Secretary



Registered Post
केन्द्रीय चिड़ियाघर प्राधिकरण
Central Zoo Authority

(STATUTORY BODY UNDER THE MINISTRY OF ENVIRONMENT & FORESTS, GOVT. OF INDIA)

Bikaner House, Annexe VI,
Shahjahan Road, New Delhi-110011
website : <http://www.cza.nic.in>

REGISTERED POST

F. No. 19-23/92-CZA(191)(Vol.II)(M)

DATE: 10.8.2006

To

The Chief Wildlife Warden
Government of Mizoram,
Aizawl.

Sub:- Grant of recognition to Aizawl Zoological Park, Sakawrtuichhun, Mizoram.

Sir,

Kindly refer to your letter No. B.17015/2/2004-CWLW/245 dated 7.6.2006 seeking recognition to Aizawl Zoological Park, Sakawrtuichhun, Mizoram under Section 38H of the Wild Life (Protection) Act, 1972.

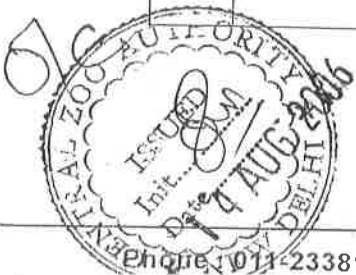
The evaluation report of Aizawl Zoological Park, Sakawrtuichhun, Mizoram as submitted by Shri A. K. Das and Dr. Apurba Chakraborty, was considered by the Technical Committee of the Authority in its meeting held on 21.7.2006.

On the recommendations of the Committee, it has been decided to grant recognition to the Aizawl Zoological Park, Sakawrtuichhun, Mizoram under Section 38H (3) of the Wild Life (Protection) Act for a period up to 31.12.2008 subject to compliance of following conditions:-

A. The Zoo shall deploy necessary supervisory level staff including a veterinarian for looking after the healthcare facilities and upkeep of endangered species of animals in the Zoo as is required under Rule 9A of the Recognition of Zoo Rules, 1992.

B. **Conditions to be complied under Rule 10 of Recognition of Zoo Rules, 1992**

S. No.	Rule/ Norms	Condition
GENERAL		
1.	1	The primary objective and goal of the Aizawl Zoological Park, Sakawrtuichhun, Mizoram shall be to exhibit and conserve the animal species found in the North-east India.



...2/-

2.	2	The zoo should not acquire any animal in violation of the Act or Rules made their under. Prior permission of the Central Zoo Authority shall be obtained for acquisition of animals listed under Schedule I & II of the Act.
3.	7	The zoo shall be kept closed to the visitors atleast once a week.
4.	8	A perimeter wall of atleast 2 meters high from the ground level shall be provided all around the zoo campus. Appropriate measures shall be taken to ward of dogs and other domestic animals from entering into the zoo campus. Preferably, a patrolling path may be provided near perimeter wall for constant monitoring of the security.
5.	11A	The zoo should prepare a collection plan of animals to be housed and displayed in the zoo, keeping due regard to the availability of enclosures in the zoo and availability of the animals of North-east Region in other zoos of the country.
Administrative and Staffing Pattern		
6.	12	A full time officer in-charge of the zoo should be posted/ appointed. The officer should be delegated adequate administrative and financial powers to purchase feed and medicine and carryout emergency repair of animal enclosures as may be necessary for proper upkeep and care of the zoo animals.
7.	13	An official with Masters degree in Wildlife Science should be posted/ appointed as full time Curator solely responsible for looking after the upkeep of animals and maintenance of animal enclosures.
Animal Enclosure – Design, Dimension and Other Features		
8.	15	Stand off barriers and adequate warning signs should be provided at all animal enclosures for keeping the visitors at a safe distance from the animals.
9.	18	Every endangered animal in the Zoo should be provided food inside a feeding cubicle/ retiring cell. The feeding cell/ retiring cubicle/ night shelter of these animals should be of the dimension as specified in <u>Appendix I</u> of the Recognition of Zoo Rules, 1992. Each cubicle should have resting/ feeding/ drinking water and exercising facilities according to the biological need of the species. Proper ventilation and lighting for the comfort and well being of the animals should be provided in each cubicle.
10.	19	Proper arrangement of drainage of excess water as well as arrangement for removal excreta and residual water from each cell/ cubicle/ enclosure should be made. Wherever possible soak pits should be provided.

11.	20	Designing of any new enclosures for endangered species shall be finalized with approval of the Central Zoo Authority.
Hygiene, Feeding and Upkeep of Animals		
12.	21	The feed store and kitchen should be equipped properly and appropriate arrangement should be made for hygienic storage of food materials.
13.	22	Proper waste disposal system for treating both the solid and liquid wastes generated in the Zoo should be provided.
14.	23	Leftover food items, animal excreta and rubbish should be removed from each enclosure daily and disposed off in a manner congenial to the general cleanliness of the Zoo.
15.	24	Round the clock supply of potable water for drinking purposes in each cell/ cubicle/ enclosure should be made.
16.	25	A schedule for periodic disinfection of each animal enclosure in the Zoo should be made and implemented as per the directions of the veterinary officer. Phenol based disinfectants should not be used in the animal enclosures.
Animal Care Health and Treatment		
17.	26	The Zoo Keepers and the Supervisory level staff should be deputed for regular training programmes being conducted by the Assam State Zoo, Guwahati and the Wildlife Institute of India, Dehradun.
18.	27	The condition and health of all the animals in the Zoo should be checked everyday by the person In-charge of their care. Any animal found sick, injured or unduly stressed, the matter should be reported to the Veterinary Officer for providing treatment expeditiously.
19.	28	Routine examination of all the zoo animals, including parasite checks should be carried out regularly and preventive medicines including vaccination should be administered at such intervals as may be prescribed by the Veterinary Officer.
20.	29	The Zoo Operator should arrange for medical check up of all the staff responsible for upkeep of animals atleast once in every six months.
Veterinary Facilities		
21.	31	Being the only major Zoo of the State, the veterinary unit should be provided with basic diagnostic facilities, comprehensive range of drugs and a reference library on animal healthcare and upkeep.
22.	32	The zoo should have adequate number of squeeze cages, for restraining and handling of wild animals.

Breeding of Animals		
23.	36	The zoo should keep in its collection only such number of animals and such species for which appropriate housing facility exists. The Zoo Operator shall be responsible for ensuring that the number of animals of any species does not go beyond the holding capacity of the enclosures available in the Zoo and the housing standards are not compromised for keeping the excessive numbers.
24.	37	The zoo operators should take necessary steps for providing mates to the single animals like Binturong and Jungle cat.
25.	39	The Zoo should participate in planned breeding programme of endangered species as approved by the Central Zoo Authority. For this purpose the zoo operator shall exchange animals between zoos by way of breeding loans, gifts and the like as per the directions of the Authority.
26.	40	To safeguard against uncontrolled growth in the population of Assamese macaque and sambar, the Zoo Operators should implement appropriate population control measures like vasectomy etc.
Maintenance of Records and submission of Inventory to the Central Zoo Authority		
27.	44	The Zoo should submit an annual report of the activities of the Zoo in respect of each financial year to the Central Zoo Authority.
Education and Research		
28.	45	Every enclosure in the zoo should bear a sign board displaying scientific information regarding the animals exhibited in it.
29.	46	The zoo should publish leaflets, brochures and guide books and make the same available to the visitors either free of cost or at a reasonable price.
Visitor Facilities		
30.	48	More number of toilets, visitor sheds and drinking water points at different locations in the zoo should be provided for use of visitors. Proper shade should be provided in all the visitor galleries at animal enclosures.
31.	50	Necessary arrangements should be made to provide access to the zoo to disabled visitors including those in wheel chairs.

Other Recommendations:

1. Arrangements for providing accommodation to the keepers, supervisory staff and the veterinary officer should be made within/ near to the zoo campus.
2. Educational signages depicting about the rich floral and faunal diversity of the zoo campus should be provided at strategic locations for information of the visitors.
3. The future development of the Zoo should be taken up as per the approved Master Plan and the Management Plan, as submitted to the Central Zoo Authority vide letter No. B.12015/2/92-FST dated 21.6.2006.


A half yearly report regarding progress made in implementation of the aforesaid conditions should be submitted to the Central Zoo Authority.

Grant of renewal of recognition to Aizawl Zoological Park, Sakawrtuichhun, Mizoram beyond 31.12.2008 will be considered on the basis of compliance of the conditions stated above and general performance of the zoo at that point of time. The recognition to the Zoo can be revoked by the Central Zoo Authority, at any point of time if the zoo operator is found not complying with the stipulations under the Act and the Rules made there under.

Yours faithfully,
sd/-
(B. R. Sharma)
Member Secretary

Copy to :-

1. The Principal Chief Conservator of Forests Government of Mizoram for favour of information.
2. The Deputy Conservator of Forests (WL), Wildlife Division, Aizawl for favour of information & necessary action.
3. DPA (VG) – CZA.


(B. R. Sharma)
Member Secretary

