

**Computer No. 147255  
Government of India  
Ministry of Environment, Forest and Climate Change  
CENTRAL ZOO AUTHORITY**

B-1 Wing, 6<sup>th</sup> 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 **07/01/2021**

To  
The Chief Wildlife Warden,  
Department of Forests and Wildlife Preservation,  
Forest Complex, Sector – 68,  
Sahibzada Ajit Singh Nagar, Punjab,  
E-mail: cwlwpunjab@gmail.com

**Subject: Renewal of recognition of the M.C. Zoological Park, Chhatbir, Punjab, 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 25<sup>th</sup> August, 2020
2. This Office letter F.No.21-2/2019-CZA(AK)/2052/2020 dated 8<sup>th</sup> January 2020
3. This Office letter F.No.19-53/93-CZA(224)(Vol-VI)/320/2016 dated 24<sup>th</sup> February 2016
4. Application vide e-mail dated 17<sup>th</sup> January 2020 from the Field Director, M.C. Zoological Park

Sir,

With reference to above, the undersigned is directed to inform that recognition of the M.C. Zoological Park, Chhatbir, Punjab under Section 38-H of the Wild Life (Protection) Act, 1972, was valid till 20<sup>th</sup> January 2019. Application for renewal of recognition was received in this office vide e-mail dated 17<sup>th</sup> January 2020 from the Field Director, M.C. Zoological Park. Shri Shailesh Prasad, IFS (Retired), evaluating officer deputed by this office has evaluated the zoo on 26<sup>th</sup> February 2020. Copy of the Evaluation Report is enclosed herewith for your perusal and needful action.

2. Evaluation Report of the M.C. Zoological Park, Chhatbir was placed before the Technical Committee in its 96<sup>th</sup> Meeting held on 30<sup>th</sup> July, 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 25<sup>th</sup> August, 2020 regarding renewal of recognition of the zoo. Subsequently, the Central Zoo Authority, in its 37<sup>th</sup> Meeting held on 7<sup>th</sup> December, 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 20<sup>th</sup> January 2019 and renewed recognition of the M.C. Zoological Park, Chhatbir as a Large Zoo for a period up to **19<sup>th</sup> August, 2023** 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
<b>1. General requirements:</b>			
1	10.1(7)	The Zoo should not allow its sewage affecting the surroundings of the zoo. To prevent such a situation, it should have appropriately designed sewage treatment plant.	One year
<b>2. Administrative and staffing pattern:</b>			
2	10.2(2)	The zoo should have at least two independent full-time veterinarians. Zoo Education Officer also required to be engaged within one year.	One year
<b>3. Development and Planning:</b>			
3	10.3(3) & 10.4(2)	Zoo has large number of Panther enclosures. Most of these enclosures should be done away with. The zoo should construct an appropriately designed open top enclosure with capacity of 6-10 enclosures. Rest of the Panthers should go to off the display area to be developed as Rescue Centre.	Two years
4	10.3(7)	A Separate rescue centre outside the zoo premises should be planned and constructed within two years	Two years
<b>4. Animal housing, display of animals and animal enclosures:</b>			
5	10.4(2)	Tiger and Lion enclosures should have appropriately designed kraals	One year
6	10.4(3)	Since the Eucalyptus trees in the zoo are quite old and leaning, some trees are also looking diseased and they are potential threat to the visitors as well as to the animals residing inside the zoo and also other existing infrastructure. So, in the interest of public safety and safety of the animals and infrastructure of the zoo, sanitation felling of such trees should be taken up in phased manner.	Two years
7	10.4(2)	Old cage type primate enclosures should be demolished and adequate number of well-designed open top enclosures should be constructed.	Two years
8	10.4(2)	Zoo should have an appropriately designed carnivore safari with a minimum area of 20 hectares. This would involve doing away the herbivore safari.	Two years
9	10.4(10)	Nocturnal house should be properly furnished with requisite signage and fittings to make it educative and functional	One year
<b>5. Upkeep and healthcare of animals:</b>			
10	10.5(2)	The zoo should have appropriately designed water storage tank	Two years
11	10.5(4)	Ungulate enclosures should have appropriately designed feeding cells and kraals.	One year

<b>Sl.</b>	<b>Norm No. under RZR</b>	<b>Condition</b>	<b>Time period to comply</b>
<b>6. Veterinary and infrastructure facilities:</b>			
12	10.6(6)	The zoo should have an MoU with the Centre of Wildlife Sciences, Ludhiana on veterinary diagnosis and veterinary research.	One year
13	10.6(6)	Agreed with the comments. Regular training should be arranged for the Vets and Para-vets including the technical staff once in six months interval to upgrade their skill and capacity development.	Three months
<b>9. Acquisition and breeding of animals:</b>			
	10.9(4)	Mates should be arranged for single Jaguar, Swan and Fallow deer.	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.

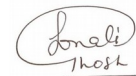
6. The renewal of recognition of the M.C. Zoological Park, Chhatbir for period beyond 19<sup>th</sup> August, 2023 as a Large Zoo would be considered on the basis of compliance of the conditions stated above and general performance of the zoo.

7. The recognition of the M.C. Zoological Park, Chhatbir 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 Additional Chief Secretary to the Government of Punjab, Department of Forests and Wildlife Preservation, Forest Complex, Kumbra Road, Sector -68, S.A.S. Nagar (Mohali) – 140 110, Punjab, E-mail: fcf@punjab.gov.in [Zoo Operator of the M.C. Zoological Park, Chhatbir under Rule 2(m)(III) of the Recognition of Zoo Rules, 2009]

2. The Member Secretary, Punjab Zoo Development Society, premises of the M.C. Zoological Park, V.P.O. Chhat, Tehsil Derabassi, District Sahibzada Ajit Singh Nagar – 140 601, Punjab

3. The Field Director and Officer in-charge, M.C. Zoological Park, V.P.O. Chhat, Tehsil Derabassi, District Sahibzada Ajit Singh Nagar – 140 601, Punjab, E-mail: mczpchhatbir@gmail.com

4. The DPA, O/o CZA – to update database and to upload on website.

sd/-  
**(Sonali Ghosh)**

**Dy Inspector General Of Forest  
Page 3 of 3**



GOVERNMENT OF INDIA  
MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE  
**Central Zoo Authority**

**F. No. 19-53/92-CZA(224)(Vol.VI) 320/2016** **THROUGH EMAIL/REGISTERED POST**  
**DATE: 24.02.2016**

To

The Chief Wildlife Warden,  
Govt. of Punjab  
Tower No. 2, II<sup>nd</sup> floor,  
Forest Complex, Sector-68  
Mohali-160068 (Punjab)

*KW*

**Sub:- Renewal of recognition to M. C. Zoological Park, Chhatbir, Punjab under Section 38H of the Wild Life (Protection) Act, 1972 beyond the period of 30.06.2015 - Regarding**

Sir,

Reference is invited to your letter No. 1305 dated 24.06.2015 received in this office on 02.07.2015 seeking grant of renewal of recognition to M. C. Zoological Park, Chhatbir, Punjab for period beyond 30.06.2015.

The evaluation of the M. C. Zoological Park, Chhatbir was carried out by Sh. S. C. Sharma and Dr. B. R. Sharma on 28.12.2015 & 29.12.2015. The evaluation report of the M. C. Zoological Park, Chhatbir as submitted by the evaluating officers was considered by the Technical Committee in its 77<sup>th</sup> Meeting held on 20<sup>th</sup> January, 2016.

The Central Zoo Authority has decided to grant renewal of recognition to M. C. Zoological Park, Chhatbir as 'Large Zoo' category under Section 38H of the Wild Life (Protection) Act, 1972 for a period up to 20.01.2019 subject to the compliance with the following directives under Rule 10 of Recognition of Zoo Rules, 2009 (Amended in 2013) and mid-term evaluation of the zoo:-

S. No.	Norm No.	Condition Stipulated	Time Period to Comply
<b>General Requirements:</b>			
1.	1(7)	The zoo should not allow its sewage affecting the surroundings of the zoo .To prevent such a situation it should have appropriately designed sewage treatment plant.	One Year
<b>Administrative and Staffing Pattern:</b>			
2.	2(1)	State Government should provide adequate funds for the upkeep and maintenance of the zoo.	Immediate effect
3.	2(2)	Posts of zoo Vet, Curator, Education officer and Biologist may be sanctioned with immediate effect .In the interim period, the posts should be filled on contract basis.	One Year

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<b>Development and Planning:</b>			
4.	3(8)	Zoo should send report of the rescued animals of Schedule-I animals received by the zoo to Central Zoo Authority regularly.	Immediate effect
<b>Animals housing, display of animals and animal enclosures:</b>			
5.	4	Tiger and lion enclosures should have appropriately designed kraals.	One Year
6.	4	Out of bound areas around the enclosures should be densely planted with bamboo and thorny hedges.	Six months
7.	4	Old cage type primate enclosures should be demolished and adequate number of well-designed open top enclosures should be constructed.	Two Years
8.	4	Zoo should have an appropriately designed Carnivore safari with a minimum area of 20 hectares. This would involve doing away the herbivore safari.	One Year
9.	4	Tiger and lion feeding cells look barren and affect the ambience of the area. These should be camouflaged by planting bamboos and native shrubs.	Six months
10.	4	Zoo is using abandoned Canid enclosures for housing the barking deer. These enclosures are too small and need to be demolished. New enclosures for barking deer should be constructed at appropriate site.	Six months
11.	4	The Himalayan bear enclosure is too small. Himalayan bear should be shifted to other enclosure. This enclosure should be used to house wolf or some other suitable species	Six months
12.	4	Zoo has large number of Panther enclosures. Most of these enclosures should be done away with. The zoo should construct an appropriately designed open top enclosure with capacity of 6-10 enclosures. Rest of the Panthers should go to off the display area to be developed as Rescue Center.	Two Years
13.	4	White peacock aviary is too small in dimension. It's area should be extended.	Six months
14.	4	Ungulate enclosures should have appropriately designed feeding cells and kraals.	One Year
15.	4	Most of the enclosures have 360 degree viewing. The viewing area should be limited to 1/3 of the periphery of the enclosure.	Six months
16.	4	Water bird aviary should be camouflaged by planting of shrubs and bamboos to maintain privacy for birds.	Six months

Contd.....

17.	4	The reptile house should have appropriately designed visitors gallery. The size of the display chamber should be increased merging neighbouring enclosures.	Six months
18.	4	Nocturnal house should be properly furnished with requisite signage and fittings to make it educative and functional.	Six months
19.	4	Crocodile enclosure is too small. It needs to be redesigned/extended in consultation with Central Zoo Authority.	One Year
20.	4	Pheasant enclosure chambers are of smaller dimension than the prescribed size. Their area should be increased by merging the neighbouring cells.	Six months
21.	4	Good efforts for environmental enrichment of enclosures have been done but it looks to artificial. Efforts to be made to make it naturalistic by planting trees and Shrubs.	Six months
22.	4(9)	Stand-off barriers at some of the enclosures is too high. These are too low at some of the enclosures. These should be made of prescribed dimensions .Every enclosure should have stand-off barriers of prescribed dimensions.	Six months
23.	4(10)	All sign boards should have precise biological and ecological information.	Six months
<b>Upkeep and healthcare of animals:</b>			
24.	5	The zoo should have appropriately designed meat house at a reasonable distance from the kitchen.	Six months
25.	5	Tiger and Lion enclosures should have pucca flooring leaving no empty space below the floor. The wooden feeding platform should be detachable so that thorough cleaning of meat traces and blood can be done.	Six months
26.	5(2)	The zoo should have appropriately designed water storage tank.	Two Years
27.	5(6)	Curatorial staff should maintain records of the biological behaviour observed by them.	Immediate effect
<b>Veterinary and infrastructure facilities:</b>			
28.	6(1)	Zoo hospital should have requisite number of inpatient wards for herbivores and birds.	One Year
29.	6(6)	The zoo should have an MoU with the Center of Wildlife Sciences, Ludhiana on veterinary diagnosis and veterinary research	Immediate effect
<b>Post-mortem and disposal of carcasses of animals:</b>			
30.	7(1)	Post mortem room of the zoo should have a proper changing room and shower facility and appropriate post-mortem equipment	Three months
<b>Acquisition and breeding of animals:</b>			
31.	9(4)	Mates should be arranged for single jaguar, swan and fallow deer.	Six months

<b>Research activities:</b>			
32.	10(1)	The zoo should have detailed Disaster Management Plan and should have mock drills regularly.	Immediate effect
33.	10(1)	Zoo should have a detailed research plan and execute it effectively.	Immediate effect
<b>Visitors facilities:</b>			
34.	12(3)	Zoo should have ramp and wheel chairs to facilitate the differently abled persons.	Immediate effect
<b>General observations:</b>			
35.	General	There are many exotic trees especially Eucalyptus ( <i>disambiguation</i> ) in the zoo which are posing a potential threat to the animal enclosures, boundary wall, buildings and other infrastructure of the zoo. These exotic tree species should be replaced with indigenous tree species of the region which will improve the vegetation cover and ecological ambiance of the zoo.	---

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

It is to inform that the period ranging from 30.06.2015 to 20.01.2016 is hereby regularized by the Central Zoo Authority.

Grant of renewal of recognition to M. C. Zoological Park, Chhatbir beyond 20<sup>th</sup> January, 2019 would be considered on the basis of compliance with the conditions stated above and general performance of the zoo.

The recognition to the M. C. Zoological Park, Chhatbir 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,**



**(Dr. D. N. Singh)**  
**Member Secretary**

**Copy to:-**

1. The Field Director, M. C. Zoological Park, Dept. of Forests & Wildlife Preservation, Chhatbir, Punjab, for favour of information and necessary action.
2. Mr. Vivek Goel, DPA, CZA- to update records.



**(Dr. D. N. Singh)**  
**Member Secretary**



Registered Post

जहाँ है हरियाली।  
वहाँ है खुशहाली।।

GOVERNMENT OF INDIA  
MINISTRY OF ENVIRONMENT & FORESTS  
**Central Zoo Authority**



**THROUGH REGISTERED POST**

F. No. 19-53/92-CZA(224)(Vol. VI)(M)/2572

DATE: 10.04.2013

To

The Field Director  
M. C. Zoological Park,  
Chhatbir,  
VPO Chhat,  
District Ajjetgarh (Punjab).

**Sub:- Grant of renewal of recognition to M. C. Zoological Park, Chhatbir under Section 38H of the Wild Life (Protection) Act, 1972 beyond the period of 30.06.2012.**

Sir,

Reference is invited to your letter No. 1623 dated 20.07.2012 seeking renewal of recognition to M. C. Zoological Park, Chhatbir under Section 38H of the Wild Life (Protection) Act, 1972 beyond the period of 30.06.2012.

The evaluation of the M. C. Zoological Park, Chhatbir was carried out by Sh. S. K. Patnaik and Dr. P. K. Malik on 02.03.2013. The evaluation report of M. C. Zoological Park, Chhatbir as submitted by the evaluating officers was considered by the Technical Committee in its 65<sup>th</sup> Meeting held on 22<sup>nd</sup> March 2013.

The Central Zoo Authority has decided to grant of recognition to M. C. Zoological Park, Chhatbir as "a Medium Category Zoo" under Section 38H of the Wild Life (Protection) Act, for a period up to 30.06.2015 subject to the compliance of the following directives under the Recognition of Zoo Rules, 2009 and mid-term evaluation of the zoo:-

S. No.	Norm No.	Condition Stipulated	Time Period to Comply
<b>1. General Requirements</b>			
1	1.4	The Zoo feels the need of some CCTV cameras at strategic locations both for animal management and security purposes. This is a genuine requirement and support may be provided for the same.	With immediate effect

Bikaner House, Annexe VI, Shahjahan Road, New Delhi-110011

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E-mail : cza@nic.in Website : http://www.cza.nic.in

<b>4. Animal housing, display of animals and animal enclosures</b>			
3	4	Tiger enclosures should have large open air kraals with mud substrates.	Within one year
4	4	The large viewing areas in many moated enclosures part of which can be concealed by suitable greenery.	Within one year
5	4	Proper enrichment plan should be prepared for the newly built reptile house.	Within one year
<b>5. Upkeep and Healthcare of Animal</b>			
10.	5.1	The nocturnal house should be made rodent proof.	Immediately
	5.2	(i) As the sewerage of the zoo is being disposed off outside without any treatment, a treatment plant should be set up and treated water should be used for gardening etc.  (ii) The Zoo should have a proper storage tank for water supply as it is presently dependent on bore wells directly pumping out the water. This a situation that requires immediate attention.	Within two years  Within one year
<b>6. Veterinary and Infrastructure Facility</b>			
11	6.4 & 9	Relevant trainings in conservation breeding, animal health and restraint to the concerned personnel should be arranged.	Within one year
<b>7. Post-mortem and disposal of carcasses of animals</b>			
12	7.1	The newly built post-mortem room should have a proper changing room with adjoining shower facility and modern P. M. equipment and arrangement for its storage.	Within six months
<b>9. Acquisition and breeding of animals</b>			
	9.4	Pairing of single animals of species like Jaguar, Hyena, Fallow deer, Zebra, Asiatic lion, Black wan may be done with suitable mates.	As soon as possible
	9.6	This is the only zoo with the good record of breeding of Sarus crane. Though, this is not one of the identified species of CZA, this should be included and zoo should develop off display breeding facilities for the species in a big way in a scientific manner in collaboration with institutions like International Crane Foundation.	Within one year

**12. Visitors facilities**

	12.1	Provisions of specialized toilets for physically challenged people should be constructed.	Within one year
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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 M. C. Zoological Park, Chhatbir beyond 30.06.2015 as "a Medium 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 M. C. Zoological Park, Chhatbir 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.

A copy of evaluation report is also enclosed herewith for your ready reference to improve the conditions of Zoo.

**Yours faithfully,**  
**Sd-**  
**(B. S. Bonal)**  
**Member Secretary**

**Encl: evaluation report**

Copy to:-

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

  
**(Dr. Brij Kishor Gupta)**  
**Evaluation and Monitoring Officer**





# 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>  
**BY REGISTERED POST**

F. No. 19-53/92-CZA(224)(Vol.IV)(M)

DATE: 25.05.2009

To

The Field Director  
M. C. Zoological Park,  
Chhatbir,  
Distt. Mohali – 140 601 (Punjab).

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

Sir,

Reference is invited to your letter No. 614 dated 14.5.2009 seeking grant of renewal of recognition to the M. C. Zoological Park, Chhatbir beyond the period of 31.12.2008 under Section 38H of the Wild Life (Protection) Act, 1972.

The evaluation of the M. C. Zoological Park, Chhatbir was carried out on 19.3.2009 by Sh. S. C. Sharma, Retd. Addl. DGF (WL) and Dr. Brij Kishor Gupta, Evaluation & Monitoring Officer, CZA. The evaluation report submitted by the evaluation officers was considered by the Technical Committee in its 50<sup>th</sup> Meeting held on 24<sup>th</sup> March, 2009.

The Central Zoo Authority has decided to grant of recognition to The report of the M. C. Zoological Park, Chhatbir as submitted as a large category Zoo under Section 38H of the Wild Life (Protection) Act, for a period up to 30<sup>th</sup> June, 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
<b>General</b>			
1.	11A	The zoo has not prepared collection plan for animal to be housed and displayed in the zoo keeping due regard to the availability of land, water, electricity and climatic condition of the area.	Six months

Handwritten signature and date: 26/5/09

<b>Administrative and Staffing Pattern</b>			
2.	14	The Zoo Operator should deploy second veterinarian as full time to look after the animals.	Six months
<b>Animal enclosures – Design, Dimensions and other Essential Features</b>			
3.	15	The Zoo should plant thorny hedges & creation of stand off barriers at Macaque enclosure, Painted stork aviary, Himalayan bear and Sloth bear enclosure, Tiger enclosure, Gharial enclosure.	Six months
4.	16, 16A, 17 & 18	Existing pheasantries, canid enclosures, Hog deer enclosure, Stop gap water bird aviary, Python enclosures, Small cat enclosure should be demolished and appropriately designed new enclosure be provided for the species.	One year
		Porcupine enclosure should be upgraded by providing feeding cells and mud-boulder mounds.	One year
		Bear enclosure should be provided with more natural enrichment by planting tall trees, tree trunks, logs and naturalistic shades. Solar powered fence provided around the trees to safeguard against the bears damaging the planted trees.	One year
		Painted stork aviary near the gate and Sarus crane aviaries should be provided with naturalistic perches including trees indigenous species. Definite viewing areas should be earmarked for visitors and rest of the enclosures should be camouflaged by planting of bamboos and other trees. Exotic tress and plants should be phased out fro these enclosures.	One year
		Elephant feeding cells should be demolished and new cells constructed at alternate site in such a manner that the same are not visible to the visitors.	One year
		Water bodies of Sloth bear and Elephant enclosures should be repaired and seepage of water from the water bodies should e prevented.	Immediately
		Mud/ sand for sand bath of Elephants should be provided.	Immediately
		Area of Elephant enclosure extended by joining into the Rhino enclosure.	Immediately
		Gharial enclosure should be extended to ensure that adequate sandy land is available for nesting of the species and sun basking of the animals.	Immediately
Viewing are should be confined only to area adjacent to the road. More than $\frac{3}{4}$ of the periphery should be camouflaged by planting bamboo and other thorny trees. Shade provided	Immediately		

		for the animals should be shifted to the distal end of the enclosure.	
		Tiger enclosure should have adequate number of kraals/ out door enclosures to ensure that no Tiger remains confined in the feeding cells. Each tiger must get access to outdoor enclosure every day. Pucca floor in the kraal should be broken and muddy/ soil covered floor provided.	Immediately
		Planting of appropriate species including bamboo should be done in both the Tiger and Elephant enclosures.	Immediately
		Rotational use of enclosures should be planned for ungulate/ elephant enclosure to keep adequate vegetation & trees.	Continued basis
		Water in painted stork aviary should be recycled and allowed to fall in the enclosure from a naturalistic spring.	One year
		Area of Herbivore Safari should be extended to 30 hectares. Weeds like Adhatoda and Parthenium removed and appropriate fodder species of trees and grass planted. If adequate area is not available for the purpose the Herbivore Safari should be done away with and appropriately design of enclosures provided for each species.	One year
		Enclosure in which at present Emu is housed should be used for display of Jackal and Emu provided appropriate facility else where.	One year
5.	19	The arrangement of excess water drainage, removal of excreta is required to be provided in all enclosures. The carnivore enclosures should be provided with septic tank/ pit for draining waste water from the animal house.	With immediate effect
<b>Animal Care, Health and Treatment</b>			
6.	27	The Zoo should maintain register in every enclosure for recording daily observations and action taken thereof in addition to the individual animal history sheets for endangered species.	With immediate effect
7.	28	The Zoo should carryout regular examination for parasitic check and vaccination and the details on the same should be maintained appropriately.	With immediate effect
8.	29	The Zoo Operator shall arrange for medical checkup of the staff responsible for upkeep of animal atleast once in every six months to ensure that they do not have infections of such disease that effect of Zoo animals.	With immediate effect
9.	30	Animal history sheets should be prepared for each and every animal of endangered species.	One month

<b>Veterinary Facilities</b>			
10.	34	Forensic examination findings of viscera should be linked with the postmortem reports and definite cause for death should be identified. Appropriate follow up measures should be taken to prevent such deaths in future.	One year
<b>Breeding of animals</b>			
11.	37	The Zoo Operator should procure appropriate mates for single animals and unpaired animals namely; Chimpanzee, Zebra, Jaguar, Lion tailed macaque, Sangai, Gaur and Smooth Indian otter.	One year
12.	40	Population control measures in respect of Sambar, Spotted, Hog deer, Blackbuck should be taken on priority basis.	Continued basis
13.	41	The zoo authorities should either do away with the safari and keep the animals in off the display areas. If they are entrusted in having a Lion Safari appropriate animals of genetically pure origin should be organized and area of the Safari extend to 20 hectares.	One year
<b>Education and Research</b>			
14.	45	Improving educational signage, directional sign boards, warning sign boards.	One year
15.	47	Appropriate arrangements for recording of biological behaviours and population dynamics of endangered species should be made.	With immediate effect
<b>Visitor's facilities</b>			
16.	50	Access to handicapped persons should be providing to handicapped visitor where animals can not be seen from the road.	Immediately
<b>Development and Planning</b>			
17.	51	The Zoo should prepare a long-term Master plan for its development in the format circulated by the Central Zoo Authority. Three copies of the said plan should be submitted to the Central Zoo Authority for its approval.	By 31 <sup>st</sup> March, 2009

### **Non-statutory recommendations**

1. Because of non-availability of restraining facilities at most of the enclosures, it is advised that the zoo should take appropriate measures providing restraining facilities at each enclosure, wherever feasible.
2. Flooring of the operation theatre should be joined with the wall of the room through rounded corner and not at 90 degree.

3. Zoo is in the process of preparing the master plan. There have ensured that the Master plan is prepared as envisaged and suggested in the guidelines issued by the CZA, immediately. Zoo was also advised to develop atleast few ecosystem based multi species display namely; Harika Lake and Shivalik forest.
4. It is advised that Zoo may encourage setting up of a friendly of Zoos plan comprising of school and college students as well as examine the possibility of allowing students to join as interns after payment of suitable honorarium.
5. Entry of motorcycle in the zoo should be prohibited because this causes lot of disturbances to the animals and visitors.
6. As the Central Zoo Authority has requested the M. C. Zoological Park, Chhatbir for setting up of Conservation Breeding Centre for Falcons, which shall house the Shaheen Falcons and other species of Falcons,. As very little work has been done in India on captive breeding of this species. It would be appropriate if a Supervisor and Director of the zoo visit Dubai Zoo to get first hand information and hands on experience of breeding of Falcons and their captive management. It is also advised that Zoo Director should also visit Vulture Conservation Breeding Centre, Pinjore along with other personnel involved with the breeding programme and spend 2-3 days there to see how the centre is function.

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 30<sup>th</sup> June, 2012 to M. C. Zoological Park, Chhatbir as a ' Large 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 M. C. Zoological Park, Chhatbir 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,**  
**sd/-**  
**(B. R. Sharma)**  
**Member Secretary**

Copy to the Chief Wildlife Warden, Government of Punjab, Chandigarh for favour of information & necessary action.

**(B. R. Sharma)**  
**Member Secretary**

