



Government of India
Ministry of Jal Shakti
National Dam Safety Authority NCDS Secretariat
6 th floor(S), Sewa Bhawan,
Sector-1,RK Puram
New Delhi- 110066

Sub: Minutes of the meeting of 5th National Committee on Dam Safety meeting held

on 24.04.2024 at CWC, HQ, 2nd Floor(S), Sewa Bhawan, New Delhi-reg.

Sir,

I am directed to forward herewith a copy of the approved minutes of the meeting of 5th National Committee on Dam Safety (NCDS) held in virtual mode on 24th April, 2024 in the Committee Room, CWC, 2nd Floor(S), Sewa Bhawan, New Delhi.

Encl: Copy of approved minutes along with Annexures I (List of Participants) & II (regulation 54(2)(f) approved in 5th meeting of NCDS).

Yours Sincerely,

Signed by Shiv Dutta
Sharma

Date: 09-05-2024 18:07:24

Reason: Approved

(S. D. SHARMA)

Member (Policy & Research Wing), NDSA &

Member Secretary, NCDS

Phone: 011-26104083

To,

As per list attached.

Copy along with enclosures for kind information to:

1. PPS to Hon'ble Union Minister of Jal Shakti. [Email: minister-jalshakti@gov.in]
2. PPS to Hon'ble Minister of State for Jal Shakti & Food Processing Industries. [Email: mosmdws@gov.in]
3. PPS to Hon'ble Minister of State for Jal Shakti & Tribal Affairs. [Email: mos-mowr@nic.in]
4. PPS to Secretary, DoWR, RD & GR, Ministry of Jal Shakti. [Email: secy-mowr@nic.in]
5. All Members of NDSA.
6. All Regional Directors of NDSA.



Dam Safety Act, 2021 National Committee on Dam Safety

Minutes of the 5th Meeting

*24th April, 2024
11:00 – 11:30 hours
209, 2nd Floor(S), Committee Room,
Central Water Commission, New Delhi*

Minutes of Meeting

The 5th meeting of National Committee on Dam Safety (NCDS) was held on 24th April, 2024 under the chairmanship of Shri Kushvinder Vohra, Chairman, CWC & Chairman, NCDS. The meeting was held in virtual mode. The list of participants who attended the meeting is attached as **Annexure-I**.

At the outset of the meeting, Chairman, NCDS and CWC welcomed all the participants in the 5th meeting of NCDS. Chairman of the committee informed the committee members that the main agenda for today's meeting will be finalization of one (01) draft regulation framed by the NDSA under section 54(1) of Dam Safety Act, 2021. Thereafter, Chairman of the committee asked Member Secretary, NCDS to take up the agenda points. Accordingly, Shri S.D Sharma, Member Secretary, NCDS presented the power-point presentation on the agenda points stated below: -

5.0 Confirmation of minutes of 4th meeting of NCDS:

Member Secretary, NCDS informed that the minutes of the 4th meeting of NCDS were circulated vide letter No. T-20078/3/2023-DSD-2, dated 28.03.2024. He informed that no comments on the minutes have been received from members of the committee, therefore, the minutes may be considered approved. Accordingly, the minutes of 4th meeting were approved by the committee.

5.1 Status Regulations to be framed under section 54 of Dam Safety Act:

Member Secretary informed that out of 19 regulations are to be framed, 17 have been approved by the committee. One (01) regulation will be discussed in this meeting and one (01) regulation is under drafting stage.

5.2 Deliberations and Decision:

As per agenda items, the detailed deliberations held on the following one (01) regulation:

A. Regulation 54 (2) (f) "*The quality control measures for the purpose of dam construction under sub-section (5) of section 26.*"

Decision: The above proposed one (01) regulation, i.e. (2) (f) as per section 54 has been accepted unanimously and approved by the committee. The final regulation is enclosed herewith as **Annexure-II**.

Further, the committee opined, the regulation **54 (2) (b)** may be placed in the next meeting of NCDS.

The Member Secretary, pointed out there may be additional regulation as per **54(2)(t)** which states that “any other matter which is to be specified or in respect of which provision is to be made by the Authority”.

After deliberations, the Chairman desired that Members may come out with suggestions for new Regulations on relevant matters. One such suggestion was for a comprehensive regulation on “Operation, Maintenance and Quality Control of Hydro-Mechanical components on Dams”. The matter may be taken up for discussion in the next meeting.

Closing remarks by Chairman NCDS:

At the end of the meeting, Chairman NCDS appreciated the contribution of the committee members in finalization of one (01) regulation **54 (2) (f)**. He mentioned that regulation **54 (2) (b)** will be taken up for discussion in the next committee meeting along with new agenda items, if any.

The meeting ended with vote of thanks to the Chair.

Annexure-I**List of Participants**

Sl.no.	Name	Designation
Chairman NCDS		
1.	Shri Kushvinder Vohra	Chairman CWC & Ex-Officio Secretary to the Govt. of India
Representative of Central Government		
2.	Shri Anil Jain	Chairman, NDSA
3.	Shri Sanjay Kumar Sibal	Member (D&R), CWC
4.	Shri Sharvan Kumar	Chief Engineer(HPA), Central Electricity Authority, Ministry of Power
5.	Shri Manoj Kumar	SJC(PR), DoWR, RD & GR
6.	Shri P. V. Raju	Group Director, NRSC
7.	Dr. S. K. Manik	Scientist D, IMD
8.	Shri Munna Shah	Scientist C, MoEF &CC
9.	Ms. Neetu Chauhan	Director, Geological Survey of India
Representative of State Government/agencies		
10.	Shri Mithilesh Kumar Dinkar	Engineer-in- Chief, Headquarter, WRD Bihar
11.	Shri M. D. Patel	Chief Engineer, WRD, Gujarat
12.	Shri Vinay Chauhan	Director Dam, Jaipur, Rajasthan
Special Invitees		
13.	Shri Rakesh Kashyap	Member (Technical), NDSA
14.	Shri R. K. Gautam	Director, CWC
Member Secretary		
15.	Shri S.D.Sharma	Member (Policy & Research), NDSA

ANNEXURE-II

One (01) regulation approved in 5th meeting of NCDS

Regulation 54(2)(f): The quality control measures for the purpose of dam construction under sub-section (5) of section 26.

Section 26(5)

For dam construction, every agency referred to in sub-section (1) shall undertake such quality control measures as the regulations may specify.

(1) Quality control measures for the construction of Earth and Rockfill dams shall comply with the requirements of the latest version of the Bureau of Indian Standard Code: 14690—Quality Control during Construction of Earth and Rockfill dams—Recommendations for the construction of Earth and Rockfill dams.

(2) Quality control measures for the construction of Plain and Reinforced concrete dams shall comply with the requirements of the latest version of the Bureau of Indian Standard Code: 457—Code of Practice for General Construction of Plain and Reinforced Concrete for Dam and Other Massive Structures for the construction of Concrete dams.

(3) For structures/materials that do not fall within the ambit of these standards, the latest version of the relevant Bureau of Indian Standard documents shall be followed. In case Bureau of Indian Standard documents are not available, the latest versions of other standards, namely ISO standards, ICOLD Bulletins and other international Codal provisions, shall be followed after obtaining approval from the competent authority for the project.

List of addressees

A. Members of NCDS

1. Chairman, Central Water Commission, Ministry of Jal Shakti, Govt. of India. [Email: chairman-cwc@nic.in]
2. Chairman, National Dam Safety Authority (NDSA), New Delhi. [Email: chmn-nds@gov.in]
3. Member (Design & Research), Central Water Commission, Ministry of Jal Shakti, Govt. of India. [Email: memberdr-cwc@nic.in]
4. Member (Hydro), Central Electricity Authority, Ministry of Power, Govt. of India. [Email: member.he@cea.nic.in]
5. Joint Secretary (RD & PP) DoWR, RD&GR, Ministry of Jal Shakti, Govt. of India. [Email: jsrd-dowr@gov.in]
6. Member Secretary NDMA, Ministry of Home Affairs, Govt. of India. [Email: secretary@ndma.gov.in]
7. Secretary, Ministry of Environment, Forest and Climate Change, Govt. of India. [Email: secy-moef@nic.in]
8. Director General, India Meteorological Department, Ministry of Earth Science. [Email: directorgeneral.imd@imd.gov.in; m.mohapatra@imd.gov.in]
9. Director General, Geological Survey of India, Ministry of Mines, Govt. of India. [Email: dg.gsi@gov.in]
10. Director, National Remote Sensing Centre, Department of Space, Indian Space Research Organisation, Govt. of India. [Email: director@nrsc.gov.in]
11. Director, National Geophysical Research Institute, Ministry of Science and Technology, Govt. of India. [Email: director@ngri.res.in, rakashk@ngri.res.in]
12. Principal Secretary (WR), Govt. of Andhra Pradesh. [E-mail: psdwrap15@gmail.com; splcs-wrd@ap.gov.in]
13. Secretary (Jal Shakti), Govt. of Himachal Pradesh. [E-mail: iphsecy-hp@nic.in]
14. Secretary, (WR), Govt. of Arunachal Pradesh. [E-mail: secretarywrd6@gmail.com; geyumpaduce@hotmail.com]
15. Commissioner-cum-Secretary, Water Resources Department, Govt. of Manipur. [E-mail: trsingh13@yahoo.co.in]

16. Secretary (WR), Govt. of Bihar. [E-mail: wrd-bih@nic.in]
17. Secretary (WR), Govt. of Gujarat. [E-mail: secwr@gujarat.gov.in]
18. Secretary (WR), Govt. of Rajasthan. [E-mail: pswrdraj@rajasthan.gov.in; osdwrd@gmail.com]
19. Sh DK Sharma, Chairman, Himachal Pradesh Electricity Regulatory Commission- Specialist in dam safety aspects. [Email: dks.shimla@gmail.com]
20. Prof CVR Murty, P S Rao Institute Chair Professor, Department of Engineering, IIT Madras- Specialist in dam safety aspects.
[Email: [cvrm@iitm.ac.in](mailto:cvr@iitm.ac.in)]

B. States/UTs

1. Principal Secretary (WR), Government of Assam. [E-mail: secyirrigassam@yahoo.com; wrd.assam@hotmail.com]
2. Secretary (WR), Government of Chhattisgarh. [E-mail: secy-wrd.cg@gov.in; anbalagan.p@gov.in]
3. Secretary (WR), Government of Goa. [E-mail: secpanchsect.goa@nic.in]
4. Secretary (Irrigation & WR), Government of Haryana. [E-mail: secretaryirrigation43@gmail.com]
5. Secretary (MPP& Power), Govt. of Himachal Pradesh. [Email: powersecy-hp@nic.in]
6. Secretary (WR), Government of Jharkhand. [E-mail: sec-wrd-jhr@nic.in]
7. Secretary (WR- Minor Irrigation), Government of Karnataka. [E-mail: secytechwr@karnataka.gov.in; prs-wr@karnataka.gov.in]
8. Secretary (WR), Government of Kerala. [E-mail: secy.wrd@kerala.gov.in]
9. Additional Chief Secretary (WR), Government of Madhya Pradesh. [E-mail: pswrd@mp.gov.in]
10. Secretary (WR), Government of Maharashtra. [E-mail: psecwr.wrd@maharashtra.gov.in]
11. Principal Secretary (WR), Government of Meghalaya. [E-mail: drshakilp@rediffmail.com; dwahlang@yahoo.com]
12. Secretary (WR), Government of Mizoram. [E-mail: agrdepimiz2021@gmail.com]
13. Secretary (WR), Government of Nagaland. [E-mail: secyirrig-ngl@nic.in; commnsecyifc@gmail.com]
14. Additional Chief Secretary (WR), Government of Odisha. [E-mail: wrsec.or@nic.in]
15. Additional Chief Secretary (WR), Government of Punjab.[E-mail: psi@punjab.gov.in]
16. Secretary (WR), Government of Sikkim. [E-mail: cs-skm@hub.nic.in; kpsh42egmai1.com]
17. Additional Chief Secretary (WR) Government of Tamil Nadu. [E-mail: wrdsec@tn.gov.in]

18. Spl. Chief Secretary (Irrigation & CAD), Govt. of Telangana. [E- mail: secy-irg@telangana.gov.in]
19. Secretary (PWD), Government of Tripura. [E-mail: splsecyudd@gmail.com, kirangitteias@gmail.com]
20. Secretary (Irrigation), Government of Uttarakhand. [E-mail: secy.pr.uk@gmail.com]
21. Principal Secretary (Irrigation & WR), Govt. of Uttar Pradesh. [E- mail: ps.irrup@gmail.com; psag71@gmail.com]
22. Principal Secretary, (Irrigation & Waterways Deptt.), Govt. of West Bengal. [E-mail: iwd.prsecy@gmail.com]
23. Secretary (PWD), Government of Andaman & Nicobar Island. [E-mail: Secretary.shipping.pwd.201@gmail.com]
24. Secretary (Irrigation & Flood Control Deptt.), Government of Jammu & Kashmir. [E-mail: jkirrigationandfloodcontrol@gmail.com]
25. Commissioner Secretary, Public Health Engineering/Irrigation & Flood Control, Civil Secretariat, Leh, Ladakh. [E-mail: pstocomsecutl@gmail.com]

(C) SCDS of States/UTs

1. Chairman, State Committee on Dam Safety, Andhra Pradesh. [Email: encirrigationap@gmail.com]
2. Chairman, State Committee on Dam Safety, Arunachal Pradesh. [Email: cewrdplan@gmail.com, cewrditanagar@gmail.com]
3. Chairman, State Committee on Dam Safety, Assam. [Email: bibhu.bhuyan@apgcl.org]
4. Chairman, State Committee on Dam Safety, Bihar. [Email: eicirrwrbihar@gmail.com]
5. Chairman, State Committee on Dam Safety, Chhattisgarh. [Email: enc@cgwrd.in, osd.encwrd@gmail.com]
6. Chairman, State Committee on Dam Safety, Goa. [Email: ce- wrd.goa@nic.in]
7. Chairman, State Committee on Dam Safety, Gujarat. [Email: secwr@gujarat.gov.in]
8. Chairman, State Committee on Dam Safety, Haryana. [Email: hodspecial@yahoo.com]
9. Chairman, State Committee on Dam Safety, Himachal Pradesh. [Email: ceenergy09@gmail.com]
10. Chairman, State Committee on Dam Safety, Jharkhand. [Email: eicl-wrd-jhr@nic.in]
11. Chairman, State Committee on Dam Safety, Karnataka. [Email: secytech-wr@karnataka.gov.in, prs-r@karnataka.gov.in]
12. Chairman, State Committee on Dam Safety, Kerala. [Email: ceirrgn@yahoo.co.in]
13. Chairman, State Committee on Dam Safety, Madhya Pradesh. [Email: encwrbpl@mp.nic.in]
14. Chairman, State Committee on Dam Safety, Maharashtra. [Email: psec.cad@maharashtra.gov.in]
15. Chairman, State Committee on Dam Safety, Manipur.[Email: ceifcdmanipur@yahoo.com; r.alimmei22@gmail.com]
16. Chairman, State Committee on Dam Safety, Meghalaya. [Email: msshangpliang@gmail.com, pce_meecl@yahoo.in]

17. Chairman, State Committee on Dam Safety, Mizoram. [Email: cephed.hqrs@gmail.com, eincphedmz@rediffmail.com]
18. Chairman, State Committee on Dam Safety, Nagaland. [Email: encesttbranch@gmail.com]
19. Chairman, State Committee on Dam Safety, Odisha. [Email: eic-wr.od@nic.in]
20. Chairman, State Committee on Dam Safety, Punjab. [Email: cesdsopb@gmail.com]
21. Chairman, State Committee on Dam Safety, Rajasthan. [Email: ceswrpdlo@rediffmail.com, ceswrpd.wr@rajasthan.gov.in]
22. Chairman, State Committee on Dam Safety, Sikkim. [Email: secypower.sikkim@gmail.com]
23. Chairman, State Committee on Dam Safety, Tamil Nadu. [Email: eicwrdsn@gmail.com]
24. Chairman, State Committee on Dam Safety, Telangana. [Email: encgeneralts.irr@gmail.com]
25. Chairman, State Committee on Dam Safety, Tripura. [Email: cetripura@yahoo.com]
26. Chairman, State Committee on Dam Safety, Uttarakhand. [Email: hodcamp.id@gmail.com]
27. Chairman, State Committee on Dam Safety, Uttar Pradesh. [Email: eincididuplu-up@nic.in, engineerinchiefidup@gmail.com]
28. Chairman, State Committee on Dam Safety, West Bengal . [Email: secretary.iwdept@gmail.com]
29. Chairman, UT Committee on Dam Safety, A&N Island. [Email: sepbcc2021@gmail.com]
30. Chairman, UT Committee on Dam Safety, Jammu & Kashmir. [Email: edciviljkspdc2@gmail.com]
31. Chairman, UT Committee on Dam Safety, Ladakh. [Email: cepheifcladakh@gmail.com]

C. SDSO of States/UTs

1. Chairman, State Dam Safety Organisation, Andhra Pradesh. [Email: ce_hydrology@ap.gov.in]
2. Chairman, State Dam Safety Organisation, Arunachal Pradesh. [Email: samanronrang@gmail.com]
3. Chairman, State Dam Safety Organisation, Andaman & Nicobar. [Email: ceapwd@and.nic.in]
4. Chairman, State Dam Safety Organisation, Assam. [Email: saurav.saikia@apgcl.org]
5. Chairman, State Dam Safety Organisation, Bihar. [Email: sdsobihar@gmail.com]
6. Chairman, State Dam Safety Organisation, Chhattisgarh. [Email: cemrp@cgwrd.in, rakeshnagar@gmail.com]
7. Chairman, State Dam Safety Organisation, Goa. [Email: ankush.gaunker@gmail.com]
8. Chairman, State Dam Safety Organisation, Gujarat. [Email: ce-ng-nwrws@gujarat.gov.in]
9. Chairman, State Dam Safety Organisation, Haryana. [Email: mahadev395@gmail.com]
10. Chairman, State Dam Safety Organisation, Himachal Pradesh. [Email: djjayin@gmail.com]
11. Chairman, State Dam Safety Organisation, Jammu & Kashmir. [Email: babbisharma803@gmail.com]
12. Chairman, State Dam Safety Organisation, Jharkhand. [Email: cedesign-wrd-jhr@nic.in]
13. Chairman, State Dam Safety Organisation, Karnataka. [Email: cedsobengaluru@gmail.com]
14. Chairman, State Dam Safety Organisation, Kerala. [Email: cedamsafety@gamil.com]
15. Chairman, State Dam Safety Organisation, Ladakh. [Email: cepheifcladakh@gmail.com]
16. Chairman, State Dam Safety Organisation, Madhya Pradesh. [Email: sdso_bhopal@yahoo.co.in, encwrbl@mp.nic.in]
17. Chairman, State Dam Safety Organisation, Maharashtra. [Email: cehpswnasik@gmail.com]
18. Chairman, State Dam Safety Organisation, Manipur. [Email: drip.manipur@gmail.com]
19. Chairman, State Dam Safety Organisation, Meghalaya. [Email: bloomingwahlang@gmail.com]
20. Chairman, State Dam Safety Organisation, Mizoram. [Email: chhetryanup@gmail.com]

- 21.Chairman, State Dam Safety Organisation, Nagaland. [Email: addlcec.kohima@gmail.com]
- 22.Chairman, State Dam Safety Organisation, Odisha. [Email: cedamsafety.odisha@gmail.com]
- 23.Chairman, State Dam Safety Organisation, Punjab. [Email:cesdsopb@gmail.com]
- 24.Chairman, State Dam Safety Organisation, Rajasthan. [Email: ceswrpd.wr@rajasthan.gov.in]
- 25.Chairman, State Dam Safety Organisation, Sikkim. [Email: rabi2006@gmail.com]
- 26.Chairman, State Dam Safety Organisation, Tamil Nadu. [Email: ceomwro@gmail.com]
- 27.Chairman, State Dam Safety Organisation, Telangana. [Email: sdsotelangana2022@gmail.com]
- 28.Chairman, State Dam Safety Organisation, Tripura. [Email: managing.director@tsecl.in]
- 29.Chairman, State Dam Safety Organisation, Uttar Pradesh. [Email: cedesigniduplu-up@nic.in, ce.sdsoidup-lu@up.gov.in]
- 30.Chairman, State Dam Safety Organisation, Uttarakhand. [Email: ce.ddn.id@gmail.com]
- 31.Chairman, State Dam Safety Organisation, West Bengal. [Email: ce-dr@wbiwd.gov.in]

D. Central PSUs

1. CMD, NHPC, NHPC Office Complex, Sector-33, Faridabad . [Email: cmd@nhpc.nic.in]
2. CMD, NTPC, NTPC Bhawan, SCOPE Complex, Institutional Area, Lodhi Road, New Delhi —110003. [Email: ntpccc@ntpc.nic.in]
3. Chairman, BBMB, Sector 19-B, Madhya Marg, Chandigarh-160019. [Email: cman@bbmb.nic.in]
4. CMD, SJVNL, Shakti Sadan, Corporate Head Quarter, Shanan, Shimla, HP. [Email: sectt.cmd@sjvn.nic.in]
5. CMD, THDC, Corporate Office, Rishikesh, Pragatipuram, By Pass Road, Rishikesh-249201. [Email:cmd@thdc.co.in]
6. Company Secretary and Nodal Officer, Hindustan Zinc Limited Yashad Bhawan Udaipur, Rajasthan. [Email: rajendra.pandwaI@vedanta.co.in]
7. CMD, Kudremukh Iron Ore Company Limited. [Email: cmd@kioclltd.com]
8. Chairman & Managing Director - additional charge NEEPCO Ltd., Lower New Colony, Shillong-793003. [Email: cmdneepco@neepco.co.in]
9. Chairman DVC, DVC Headquarter, VIP Road Kolkata . [Email chairman@dvc.gov.in]