

भारत सरकार
जल शक्ति मंत्रालय
जल संसाधन नदी विकास एवं गंगा संरक्षण विभाग
केन्द्रीय जल आयोग
कार्य योजना एवं समन्वय सेल



Government of India
Ministry of Jal Shakti
Dept. of Water Resources, RD&GR
Central Water Commission
Work Plan & Coordination Cell

ORDER

1. Shifting of Directorates under D&R Wing as shown below is implemented with immediate effect

SI No	Name of the existing Dte	Transferred to	New Name suggested after transfer
1	Dams & Head Works(SE&W) Dte	DSO	Dam Safety Design-I Dte
2	Hydro Mechanical Design (SE&W) Dte	DSO	Dam Safety Design-II Dte
3	Power House & Canal(SE&W) Dte	Design(N&W)	Design Standards Dte

2. The existing works of Dam& Head Works (SE&W) will be looked after by CMDD (N&W) Directorate under Chief Engineer, Design (N&W) Organization and existing works of Hydro Mechanical Design (SE&W) will be looked after by Gates (N&W) under Chief Engineer, Design (N&W) Organization. The existing works of Power House & Canal (SE&W) Directorate will be looked after by HCD (N&W) Directorate under CE, Design (N&W).
3. The revised functions of the following 06 Directorates in the light of the changes effected vide Para 1 to 2 above are attached herewith.

- I. HCD (N&W) Directorate
- II. CMDD (N&W) Directorate
- III. Gates (N&W) Directorate
- IV. Designs Standard Directorate: (Under Design (N&W) unit)
- V. Dam Safety Design I Directorate: (Under DSO unit)
- VI. Dam Safety Design II Directorate: (Under DSO unit)

This issues with the approval of Chairman, Central Water Commission.

(V.RAJESH)
Deputy Director

Encl: As above



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To,

1. PPS to Chairman, CWC
2. PPS to Members, D&R/RM/WP&P
3. Chairman, GRMB, Hyderabad/KRMB, Hyderabad/GFCC, Patna.
4. PPS to CE(HRM)
5. All Chief Engineers in the Field and HQs.
6. Member Secretary, GRMB/KRMB, Hyderabad.
7. Chief Engineer (TCD), CEA, New Delhi/ Secretary, CEA, New Delhi.
8. Secretary,CWC
9. Director (Admn)/ Finance/ Estt.-I/ II/ PCP/ TD/ RM Coord/ D&R Coord/ WP&P Coord/ RD Directorate. New Delhi.
10. All SE (C)/ Directors in the field office of CWC.
11. All Directors in CWC (HQ).
12. Director (Admn), GFCC, Patna/Director (Admn), NWA, Pune.
13. PAO/AO/All US/DD(WPC)/DD(PCP), CWC, New Delhi.
14. Section Officers A/C-I, A/C-II, A/C-III/CM&V/APAR/E.-IV/E.-XIV/Budget/R&I Section, CWC, New Delhi.
15. CWC Website.

Validity unknown

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♣Conserve Water- Save Life♣

Works to be handled by Directorates after reallocations

1. HCD (N&W) Dte

HCD (N&W) Directorate provides consultancy for design and engineering of hydropower projects, evaluation/preparation of specifications, and preparation of DPR of hydropower projects. The directorate involved in techno-economic appraisal of Detailed Project Reports and deal with Special Issues/Studies (Special Problems) etc. in respect of Hydel Civil Design aspects of Hydro electric power projects and multipurpose water resources development projects in the Country in the North & Western parts of India i.e. 9 states namely Jammu & Kashmir, Himachal Pradesh, Punjab, Haryana, Delhi, Uttarakhand, Uttar Pradesh, Bihar and Jharkhand and neighboring countries like Nepal and Afghanistan. The PIB Memos and Memorandum of Changes of Hydro Power projects are also dealt as and when referred to this directorate. The present works also include preparation of joint detailed project reports for Indo-Nepal Project, assisting BIS in preparation/revision of codes for Water Conductor System & Hydro Electric Powerhouse Structures and assisting Indus Water Commission, DoWR, RD & GR, MoJS on works related to IWT projects.

In addition to the above works, this directorate shall also look after the works which were previously attended by PH&C(SE&W) i.e consultancy of construction stage projects as well as various other irrigation schemes which are in DPR preparation stage in Gujarat and Jharkhand. Upcoming issues in consultancy and DPR preparations with respect to Hydel Civil Design aspects of Hydro electric power projects and multipurpose water resources development projects in Gujarat and Jharkhand shall also be attended by HCD (N&W) dte.

2. CMDD (N&W) Dte

CMDD (N&W) Directorate is engaged in designing of gravity dams, sluice and its related components for river valley projects, vetting of designs and drawings prepared by other agencies, suggesting rehabilitation measures for concrete and masonry dams, technical examination of DPR/PFR of major projects

in respect of gravity dam component, providing solution for special problems of projects in the Country in the North & Western parts of India i.e. 9 states namely Jammu & Kashmir, Himachal Pradesh, Punjab, Haryana, Delhi, Uttarakhand, Uttar Pradesh, Bihar and Jharkhand and neighboring countries like Nepal and Afghanistan. It also assist BIS in preparation and revision of codes for gravity dams and related structures. This Directorate would coordinate the activities of the Organisation for keeping a watch on latest development/identification of stress areas particularly in Dam Design / Design of Hydro-Power Projects and identifying areas of Research in the sphere of activities and carrying out research in house/ by other agencies by respective directorates by holding regular organization meetings in this regard and informing the details to the Committee on Civil and Hydro Mechanical Designs. This Directorate would submit agenda points to D&R Coordination Dte. for consideration/deliberation of Members in a Commission Meeting. It also suggests measures for possible realignment of Organization activities / capacity building of its Human resources etc.

In addition to the above works, this directorate shall also look after the works which were previously attended by D&HWD (SE&W) i.e consultancy of construction stage projects as well as various other irrigation schemes which are in DPR preparation stage in Gujarat and Jharkhand. Upcoming issues in consultancy and DPR preparations with respect to concrete masonry dams and providing solution for special problems of projects in Gujarat and Jharkhand shall also be attended by CMDD (N&W) dte.

3. Gates (N&W) Dte

Gates Design directorate is providing preliminary and detailed design consultancy in respect of hydro mechanical structures such as gates, hoists etc. which include preparation of technical specifications, scrutiny of manufacturer's design and drawings and solution to special problems referred from time to time, technical appraisal of major projects in the Country in the North & Western parts of India i.e. 9 states namely Jammu & Kashmir, Himachal Pradesh, Punjab, Haryana, Delhi, Uttarakhand, Uttar Pradesh, Bihar and Jharkhand and neighboring countries like Nepal and Afghanistan. It also assist BIS in preparation of relevant codes. The residual work, engaged in providing detailed design and engineering consultancy services including evaluation of tender documents on

technical aspects and vetting of technical specification for dam and hydro-mechanical components will be dealt by this Directorate.

In addition to the above works, this directorate shall also look after the works which were previously attended by HMD (SE&W) dte i.e consultancy of construction stage projects as well as various other irrigation schemes which are in DPR preparation stage in Gujarat and Jharkhand. Upcoming issues in consultancy and DPR preparations with respect to hydro mechanical structures such as gates, hoists etc in projects of Gujarat and Jharkhand shall also be attended by Gates (N&W) dte.

4. Designs Standard Directorate: (Under Design (N&W) unit)

This directorate will be carrying out all the works related to BIS which is being looked after by FE&SA Directorate. The directorate will be playing an important role in formulation of standards in field of water resources development and management and allied areas through its participation in activities of Water Resources Division Council (WRDC) and Civil Engineering Division Council (CEDC) of Bureau of Indian Standards (BIS). This Directorate will liaison with the BIS and representatives of CWC in the different Sectional Committees of WRDC and CEDC during the process of finalization of draft Standard and Amendment of IS codes.

The draft standards which are being circulated by BIS through email and hard copies to different representatives/members will be examined and inputs/observations/comments to BIS shall be given through this Directorate. This Directorate will coordinate with BIS for finalization of Agenda and Proceedings of meetings.

5. Dam Safety Design I Directorate: (Under DSO unit)

This directorate would suggest the required remedial measures in respect of problems of Dam safety related to Civil Engineering aspects like Structural safety problems, Seepage and other design problems that are being referred to CWC by the Dam Owners/State Governments and various Directorates of CWC.

6. **Dam Safety Design II Directorate: (Under DSO unit)**

This directorate would suggest the required remedial measures in respect of problems of Dam safety related to Mechanical Engineering aspects like Gate operations and other design problems that are being referred to CWC by the Dam Owners/State Governments and various Directorates of CWC.

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