



GOVERNMENT OF INDIA

CENTRAL PUBLIC WORKS DEPARTMENT

MAINTENANCE MANUAL

2012



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- cpwd manual volume 3, 1.0, cpwd manual volume 3.

PREFACE

Central Public Works Department is maintaining a very large building stock comprising of General Pool residential accommodation and Central Government Buildings. The residential units and office buildings maintained by CPWD are adding regularly with the creation of the new assets. The gigantic task of maintaining these assets is being discharged by CPWD to the satisfaction of the stake holders through its wide and established network.

To help meet the challenges effectively and efficiently on maintenance front, CPWD Maintenance Manual was published last in the year 1999. Since then, several changes in rules / procedures, yardsticks for upgradation / aesthetic improvement, retrofitting works etc have taken place and several initiatives in improving the maintenance have been taken. Some of the initiatives taken in this regard are:

The system of outsourcing of maintenance in select areas to overcome the constraint of shortage of staff has been started. The outsourcing of maintenance is being done by awarding the work of Civil, Electrical and Horticulture maintenance to a single agency, so that the allottees do not have to lodge complaints on separate enquiries. Results of outsourcing have been found encouraging.

For improving lodging & monitoring Complaints, Call Centre with toll free Number with SMS facility has been made operational in Delhi and other Cities for registering of complaints 24 x 7 and has been integrated with CPWD-Sewa. This has made maintenance services more efficient and saved the allottees from hassles of registering complaints in person at Service Centres. Computerized monitoring and feedback system has improved speed and quality of attendance of complaints.

To incorporate the new initiatives taken on maintenance reform and the guidelines/instructions issued over last several years by Ministry/Department on upgradation etc. the updation / revision of CPWD Maintenance Manual was felt necessary. Therefore to revise of the CPWD Maintenance Manual, a Committee under the Chairmanship of Additional Director General (Trg) with ten Sub-Committees as tabulated below and Director (S&D) as Member Secretary was constituted. Their recommendation has been circulated to CSQ Unit and the observations of this unit have been incorporated in the Manual.

Chapters	Subcommittees	
	Chairman	Member(s)
1. Introduction	CE(PLP)	SE(PLP)
2. Service Centres & Monitoring	CE(CDO)	SE(CC), SE, DCC-VII, SE, DCEC-VI
3. Day To Day & Annual Repairs	CE(NDZ-III)	SE,DCEC-IX, SE, DCC-XI
4. Special Repairs	CE(E) NDR	SE,DCEC-IX, SE, DCC-XI
5. Additions/Alterations & Upgradation	CE(NDZ-III)	SA(IV), SE,DCC-VI, SE,DCEC-IV
6. Preventive Maintenance	CE(NDZ-I)	SE, DCC-II, SE,DCEC-VI
7. Horticulture Maintenance	CE(NDZ-II)	DOH(NDRI)
8. Maintenance Of VIP Residences	CE(NDZ-I)	SE, DCC-IV, SE,DCEC-I
9. Encroachment	CE(NDZ-III)	SE, DCC-VIII
10. Outsourcing Maintenance	CE(E) DR	SE,DCC-I, SE,DCEC-VII

In this revised edition, attempt has been made to include all the guidelines/instructions issued on the subject by Ministry/ Department from time to time. New Chapter on Outsourcing on Maintenance has been introduced incorporating nature, scope, procedure and guidelines on outsourcing. Necessary materials related to upgradation and e-sewa have also been included appropriately in the Manual. The revised Manual contains 10 Chapters and 24 Annexures.

14,30,600 by applying CPWD rates. The assessing officer made an addition of at Rs. 3,50,007 as against total difference in cost of construction as have been accepted. He was thereafter sent on deputation to DDA in the same capacity, i.e Assistant Director Horticulture. He was then sent to the Presidents Superintendent in the Presidents Garden which is equivalent to that of the Deputy Director of Horticulture in CPWD. The post was upgraded to the rank and pay scale of Director, CPWD in the pay scale of Rs. the pay scale for the post of Director of Horticulture and Additional Director of Horticulture in CPWD was upgraded to Rs. 1430018300 w.e.f 01.01.1996 as per the decision taken by the Ministry of. In various judgments it has been held that valuation should be made on the basis of local PWD rates. In the present case, after. 14,30,600 by applying CPWD rates. The Assessing Officer made an addition of at Rs. 3,50,007 as against total difference in cost of construction as declared by assessee at Rs. 10,20,593 before taking into in house as reflected in the detailed accounts maintained by the assessee should have been accepted. In the following judgments it has been held that without rejection of books of. There, the dispute raised was, whether the CPWD rates have to be applied or the Kerala PWD rates. The assessee had relied on some judgments of the jurisdictional High Court finding the rates applicable to be those in the Kerala PWD Rules. It is submitted by the learned counsel for the assessee that in the modified order, the judgments of this Court were produced and. In view of many changes that have taken place in the establishment manual of cpwd instructions of Govt. Baker of the Bengal Engineers was accordingly appointed first Secretary to the Department of Public Works, this is the genesis of the Central Public Works Department. <http://agrithai1999.com/piceditor/florida-adjuster-license-study-manual.xml>



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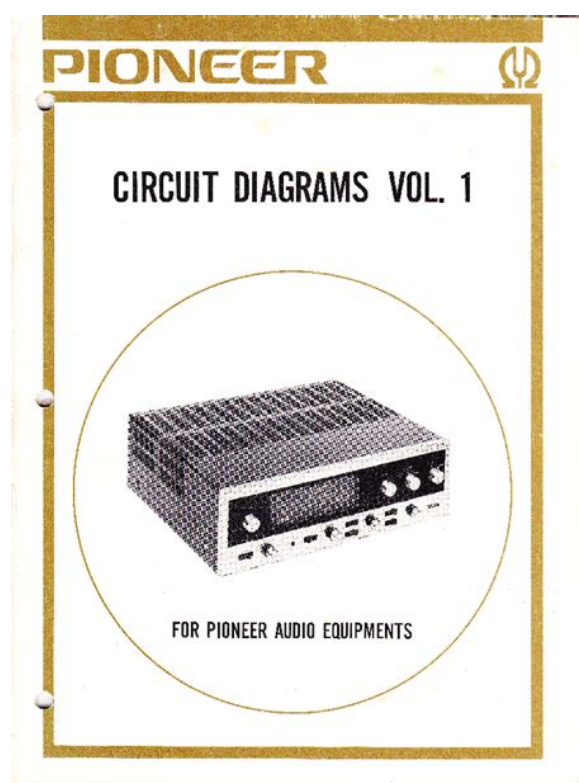


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5 CPWD has PAN India presence and has ability to undertake construction of complex projects even in difficult terrain and maintenance in post construction stage. Handbook of Landscape Chapter Definitions Source NBC Avenue A wide road or pathway lined with trees on either side Buffer The use of landscape to curtail view, sound or dust with plants or earth berms, wall, or any such element. Jain Book Depot provides variety in law books and commercial books and business directories. CPWD Exam conducted by Central Public Works Department CPWD. Those students who applied for CPWD exam and waiting for CPWD Answer Key then our website will provide you CPWD Answer Key along with CPWD Exam Solution. GOVERNMENT OF INDIA MINISTRY OF RAILWAYS RAILWAY BOARD INDIAN RAILWAY ESTABLISHMENT MANUAL Volume I Revised Edition Embodying All Correction Slips issued upto, dated Except ACS NO. New CPWD Central Public Works Department Delhi. Zone II deals with construction and maintenance of various NDMC bldgs. CPWD Recruitment Free Job alert for both Fresher and Experienced Candidates updated on June 16, Get Direct Official Link for applying CPWD Recruitment along with current CPWD Recruitment official Notification here. Find all recent CPWD Vacancy across India and check all latest CPWD job openings instantly here, Know upcoming CPWD Recruitment immediately here. Apr 01, Generally speaking, a work charged establishment is an establishment of which the expenses are chargeable to works. Earthquake magnitude and groundshaking intensity. The Earth's crust is stressed by tectonic forces. This book is so comprehensive that it provides answers even to hard and perplexing problems, e. Personal Matters, Right to Information Act, Promotion, Purchases, Records, Recruitment, Service Matters, Workmen Compensation, Establishment Matters, Office Management, Service Matters, Personal Matters and Other Subjects.

Oct 17,, PM IST Jan 24, With an aim to speed up project execution, the Urban Development Minister, M Venkaiah Naidu, on Friday enhanced the financial powers of the regional offices of Central Public Works Department CPWD. Jun 29, call SET INDIA FINANCE as we are leading CPWD Registration liaison consultant we are specialised in all kind of registration like CPWD, PWD, NBCC, CIDC, CORPORATIONS, NHPC, NHAI, IOCL, ALL PSUs,, Delete. CPWD Publication Help The Engineer. CPWD Latest News on CPWD Read Breaking News on Zee News. What is work charged establishment. CPWD 2018 Answer Key Pdf Download CPWD Answer Sheet 2018. CPWD Officers Wives Association Notable Officers Punit Kumar Vats Director General The Central Public Works

Department, under the Ministry of Urban Development now MoHUA Ministry of Housing and Urban Affairs, deals with buildings, roads, bridges, flyovers, complicated structures like stadiums, auditoriums, laboratories, bunkers, border fencing, border roads hill roads, etc. CPWD came into existence in July 1854 when Lord Dalhousie established a central agency for execution of public works and set up Ajmer Provincial Division. It has now grown into a comprehensive construction management department, which provides services from project concept to completion, and maintenance management. The regions and subregions are headed by Special DGs and Additional DGs respectively, while the zones in all state capitals except a few are headed by Chief Engineers. Nowadays, a new post of Chief Project Manager CPM has been created to head major prestigious projects of CPWD. CPMs are equivalent to the rank of Chief Engineers in CPWD. The motto hitherto has been Do nothing, have nothing done, let nobody do anything. Bear any loss, let the people die of famine, let hundreds of lakhs be lost in revenue for want of water or roads, rather than do anything.

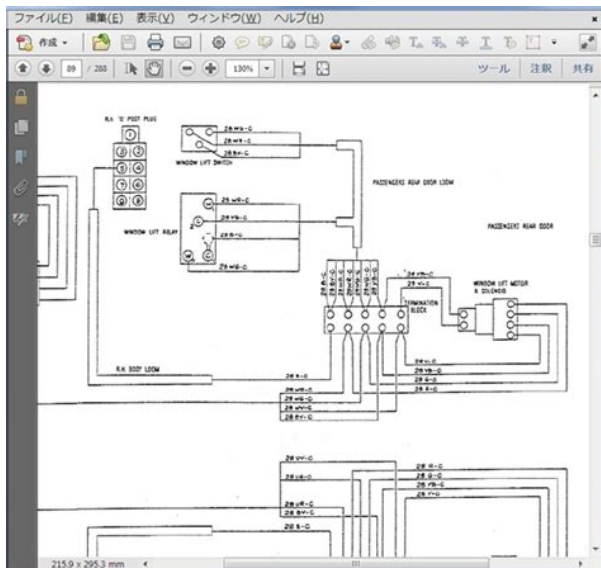


<http://www.raumboerse-luzern.ch/mieten/boss-me-6-guitar-multiple-effects-manual>

In the minutes of meeting held on 12 July 1854 the Governor General resolved that a central agency be provided by creating an office of Secretary to the Government of India in Department of Public Works. The note recorded by Lord Dalhousie was as under The Government of India shall no longer be dependent on expedients, but should be provided with a permanent and highly qualified agency to assist in the direction of this important branch of public affairs. I have, therefore, now to propose that such an agency should be provided by creating an office of the Secretary to Government of India in the Department of Public Works. The person who holds it should always be a highly qualified officer of the Corps of Engineers." CPWD had been involved in construction of stadiums and other infrastructure requirements for Asian Games 1982 and Commonwealth Games 2010. CPWD had also constructed the Afghan Parliament Building. The Ministry of External Affairs consults CPWD with regard to construction and maintenance of the Embassy buildings abroad. Some of the important organizations are Only top candidates in ESE get a chance to join CPWD strictly on merit basis. The apex level post in CPWD is of Director General, CPWD who also acts as technical advisor to the Government of India. Recently the Government of India has given the approval for creation of one

more post of Director General Planning. So from now onwards CPWD has two Director General Posts. With pan India presence, CPWD has been involved in construction of strategically important mega projects all over the country including border areas. CPWD is well known for quality construction and timely completion of projects following which it has huge list of successful projects and departments as well as clients which it has served. In field, an Assistant Executive Engineer heads the entire SubDivision.

<https://connylahnstein.com/images/a-construction-and-design-manual-architectural-diagrams.pdf>



After the completion of 4 years, the officer is promoted to the grade of Executive Engineer which is equivalent to the Under Secretary to Government of India. Executive Engineer is the most challenging post in CPWD as the entire burden of the project is on him. This training cell was developed into a fullfledged Training Institute at Ghaziabad which started functioning in 1995. The CPWD training Institute was renamed as National CPWD Academy in the year 2016. The main academy is located at Kamla Nehru Nagar, Hapur Road, Ghaziabad U.P.. Regional Training Institutes are located in the four metros i.e. New Delhi, Mumbai, Kolkata and Chennai. The National CPWD Academy is located in a lush green, serene, salubrious and pollution free environment spread over 30 acres of land in Kamla Nehru Nagar, Ghaziabad nearly 6 km 3.7 mi. from Ghaziabad Railway Station, 30 km 19 mi. The academy conducts training programs, workshops, brainstorming sessions, seminars etc. The training programs are conducted in diverse streams such as Civil Engineering, Electrical and Mechanical Engineering, Architecture, IT Applications and Management Techniques. A number of new courses on Green Buildings, their rating system and certification, energy efficient buildings, conservation of heritage buildings etc. Workers Training Centres at above locations are also part of Regional Training Institutes. Workers Training Centres impart skill improvement training to workers in various trades like mason, carpenter, plumber, mali, electrician, wireman etc. erstwhile Group D staff. The skill development courses for workers are also conducted in association with Construction Industry Development Council CIDC. After completion of the training, certification of the workers is also done through IGNOU. Oakland, California University of California Press. p. 105. ISBN 9780520285293. Oakland, California University of California Press. p. 106. ISBN 9780520285293. Retrieved 13 August 2017.

<http://connect-log.com/images/a-concise-introduction-to-pure-mathematics-solutions-manual.pdf>



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Before us, the petitioner further submits that the confidential reports CRs for short were being written by CPWD according to financial year beginning on 1st April and ending on 31st March of the next calendar year. However, the Tribunal has referred to the CRs as if they have been written according to calendar year. He submits that from this it appears that the CRs had not been put up before the DPC constituted for selection. He referred to instruction No. 5 in the form which reads as follows "Every answer shall be given in a narrative form. The space provided indicates the desired length of the answer. Please use unambiguous and simple language. The main thrust of petitioner's argument is that the respondents should have adopted the criteria of 5 years qualifying service as laid down in the Recruitment Rules and till the rules were framed, the promotions should have been

continued as adhoc and the Recruitment Rules should have been given retrospective effect. 10. This submission of the petitioner has no merit. The CPWD Manual, contains executive instructions which in the absence of statutory recruitment rules held the field from 1961 onwards and upto 1981. Moreover, the Recruitment Rules relied upon by the petitioner admittedly came into force only in the year 1996. They were not given retrospective operation. It is well settled that in the absence of any statutory rules, the Government is free to regulate the service conditions of the employees by administrative instructions and even where draft rules have been framed, they cannot legally exclude the operation of any existing executive or administrative instruction on the subject unless there is a clear intention to do so. From the post carrying the then prevailing pay scale of Rs. 11001600 to the post carrying pay scale of Rs. 15002000, the qualifying service recommended in these guidelines was 5 years.

<http://www.a-fairys-choice.com/wp-content/plugins/formcraft/file-upload/server/content/files/16286c0dadf113---cadco-unox-convection-oven-manual.pdf>

That, in our opinion, does not have the effect of substituting the CPWD Manual, which were specific executive instructions issued in respect of the employees of CPWD. For the post of Superintending Engineer, the eligibility criteria is service as an executive engineer with 7 years regular service in the grade. The petitioner cannot have any grievance on account of consideration of confidential reports for 7 years as opposed to 5 years as claimed by him. We may also state that the same yardstick of 7 years of qualifying service has been uniformly applied by the respondents in respect of all the candidates and there is no discrimination against the petitioner on this count. 12. The contention of the petitioner that the DPC did not follow correct procedure, inasmuch as yearwise panels were not drawn has been found to be incorrect by the Tribunal. The Tribunal called for the original records and examined the same. The Tribunal has given a factual finding that in the DPC meetings held for the purpose, all the instructions at the time regarding vacancies, consideration zones, select list were followed. Though in the meetings, the exercise of filling up of all the vacancies was taken up together, the vacancies were reckoned separately on year to year basis from 1982 to 1994 after taking into account the performance of the eligible officers for the period of previous seven years relating to the years in which the vacancies occurred. For the next year i.e. 1984, 10 persons were considered. First three of them including respondent No. 4 Sh. S.C. Khurana were placed in the select list and were promoted for that year. The two lists referred to by the petitioner of 18.9.1989 and 12.1.1994 were in respect of the seniority in the cadre of Executive Engineer Electrical, whereas the impugned seniority list of 25.11.1994 was the provisional seniority list in the cadre of Superintending Engineer Electrical after holding of the DPC meetings to consider promotions to that grade.

As aforesaid, the petitioner had been superseded by some of his juniors including Respondent No. 4. Obviously he could not be placed higher on the seniority list of Superintending Engineers Electrical since he was regularly promoted w.e.f. 1987 as opposed to some of his juniors including respondent No. 4, who were promoted w.e.f. 1984 onwards. 16. We find no merit in the submissions of the petitioner that the DPC had not applied its mind since it had considered approximately 457 ACRs in a single day which was, according to him, humanly impossible. Firstly as found by the Tribunal there does not appear to be any irregularity in the DPC proceedings. The submission of the petitioner appears to proceed on the assumption that to fill up every post of Superintending Engineer Electrical which were about 51 in number, the confidential report of each and every officer has to be considered. As noticed by the Tribunal the consideration before the DPC had taken place on two days and not on one day as claimed by the petitioner. In any event, we are not in a position to comment on the time that the DPC should have taken for consideration of all the cases for promotion. Since there is nothing otherwise on record to indicate nonapplication of mind by the DPC, we cannot accept the submission of the petitioner that there might have been non application

of mind merely because DPC had a large number of cases to consider before it. We may also notice that there was no tearing hurry for the DPC to rush through its proceedings and wind it up on 11.10.1994. The DPC had time upto the end of November 1994, even assuming that it was under imminent threat of facing action for contempt of the orders of the Tribunal. 17. The submission that there were adverse ACRs which were not communicated, and could therefore not be taken into consideration by the DPC is also meritless. We do not notice a sudden downgrading or fall in the assessment of the petitioner.

This is evident from page 7 of the appraisal form filed by him with his synopsis. The alphabets are mere abbreviations of the gradings they denote. 19. The submission of the petitioner that the ACRs were written according to the financial year i.e. 1st April of the year to 31st March of the next year is also without any merit. It is recorded by the Tribunal which had perused the original records that during the period 1980-89 ACRs were written on calendar year basis and, therefore, there could not have been the reporting period 1986-87. 20. The submission that other officers were promoted to the post of Superintendent Engineer Electrical with less than seven years qualifying service can not be gone into by us at this stage since these are matters of fact, for which the respondents have not had any opportunity to have their say. Assuming the contention of the petitioner to be correct, stray incidents which are aberrations would not given a cause for grievance to the petitioner. It is not his case that the promotion of these officers had caused any prejudice to him. 21. In view of the aforesaid, we find no merit in this petition and dismiss the same. Please check your inbox to optin. Please Register by Clicking Below button. Effective from January 2018. Volume3, Page 9. Pl See CPWD notification utinfra. Read and Download Cpwd Manual 2013 Free Ebooks in PDF format EMERGENCY MEDICAL RESPONDER ANSWER KEY WHAT ARE ACIDS AND BASES YAHOO ANSWERS ENGINEERING FLUID MECHANICS SOLUTION MANUAL ALGEBRA 2 MCDOUGAL TEST. Dar 2013 Cpwd ebookdig.biz. Posted on 29Oct2017. CENTRAL PUBLIC WORKS DEPARTMENT CPWD Free Ebook Download. Manual for farmall super cpwd plinth area rates 2013. Amerilite 24bh Owners Manual. As you are looking for the CPWD works manual, here I am uploading a pd file having the same. Tc55da New Holland Tractor Repair Manual there. Following is the content of attachment 1.

1 The Central PWD is the agency of the Central Government operating throughout the country for planning, construction, maintenance and repairs of all works and buildings financed from Civil Works Budget including renting and purchase of buildings and Estates work at places where Directorate of Estate is not functioning. The Department executes the works of Defence Ministry, Shipping and Surface Transport, Transport Ministry Roads Wing and External Affairs Ministry Outside India as and when asked for.

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