

## MP Industrial Development Corporation Ltd., Bhopal

No.193/MPIDC/Est./S.N.17/2024 /

Date : 21.08.2024

### ADVERTISEMENT

Applications are invited from eligible "Person with Benchmark Disability (Divyangjan)" candidates for direct recruitment on the various Class-II posts - "Manager & Assistant Engineer" in MP Industrial Development Corporation Ltd., Bhopal (MPIDC), a company of Government of MP, Department of Industrial Policy & Investment Promotion.

#### 1. Post Description :-

Post Name	No. of Posts	Blindness and low vision	Deaf and hard of hearing	Locomotive disability including cerebral palsy, leprosy cured, dwarfism, acid attack victims and muscular dystrophy	Autism, intellectual disability, specific learning disability and mental illness & Multiple Disabilities	Category
Manager	3	-	1	1	1	Selected Candidates shall be assigned the post in which category he/she belongs, according to roster.
Assistant Engineer	1	-	1	-	-	

#### 2. Pay Scale -

**Manager & Assistant Engineer** - Pay Matrix Level 12 (56100-177500) (7<sup>th</sup> Pay revision) with admissible Dearness Allowance, approved by MPIDC from time to time.

  
Himanshu Gautam  
Manager  
MPIDC Ltd., Bhopal

  
C.S. DHURVE  
Executive Director  
MPIDC Ltd., BHOPAL

### 3. Basic Information :-

- i) All the above posts of MPIDC open to MP Domicile only.
- ii) The MPIDC reserves the right to fill or not to fill any of the vacancies. Mere appearance in the selection list does not give any right to the candidate for appointment.
- iii) Any necessary change in the context of this advertisement to comply with relevant instructions/ guidelines of the Government of MP or Board of the corporation shall be immediately notified in the portal of MPIDC and MPONLINE. Further change in re-exam schedule/centre list or any other important information, if any, shall also be notified in the portal at the appropriate time.

### 4. Required Qualification Descriptions :-

Name of Post	Minimum Qualification
Manager	Any Graduate from recognised University.
Assistant Engineer	B.E./B Tech in Civil Engineering

### 5. Age limit:-

The age of candidates, as per Corporation's service rules 2017, on 01 January 2024 must be as under:-

Minimum age for all	Maximum Age including relaxation as per Corporation's Service Rule-2017 (MP Domicile)
21	35yrs

  
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## 6. Selection Procedure :-

- i) The online academic assessment test shall be conducted by MP Online at various test centres of Bhopal, Gwalior, Jabalpur and Indore only.
- ii) The number of cities for online academic assessment test can be increased or decreased depending upon number of candidates or due to any other urgent issue with best possible allocation of centre nearest to their postal address within State.
- iii) Merit List for the purpose of interview shall be prepared by MP Online on the basis of online test score.
- iv) In case Candidates having same score in examination, then shall prefer Date of Birth (DOB) of candidates; elder candidates shall get upper rank.
- v) In case Score and DOB of candidates come to be same then shall prefer to High School (class 10<sup>th</sup>) passing year, earliest candidates shall get upper rank.
- vi) In case Score, DOB and 10<sup>th</sup> passing year of candidates will be same then will prefer to Graduation passing year, earliest candidates will get upper rank.
- vii) In case Score, DOB, 10<sup>th</sup> passing year and Graduation passing year of candidates will be same then will prefer to 10<sup>th</sup> obtained marks, higher marks candidates will get upper rank.
- viii) The recruitment shall be based on online examination to be conducted by MPONLINE and there shall be 100 objective type questions (4 marks each) with total 400 Marks, 1 (one) negative marking for each wrong answers shall be assigned.

  
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- ix) Time duration of online examination shall be 2 hours (120 minutes).
- x) This selection process shall be governed by the "Corporation's Service Rule 2017."
- xi) The merit list of candidates for interview shall be three times in size against number of post under each category. Short list shall be prepared by MP Online. Candidates shall be required for preliminary verification of original document at the time of interview. Interview shall be carried out by a body determined by MPIDC. After conduction of whole interview process Merit list on the basis of marks obtained in online examination and interview shall be prepared along with wait list. Appointment to candidates on probation may be offered as per final selection list. MPIDC reserves the right to issue or not to issue the appointments as per his legitimate convenience.

### 7. How to apply :-

The candidates may apply through MP online portal only ([www.mponline.gov.in](http://www.mponline.gov.in)) or using the link provided on MPIDC Bhopal website "[www.invest.mp.gov.in](http://www.invest.mp.gov.in)". The scanned copy of following documents shall be uploaded by the applicant:-

- i) High School certificate/mark sheet in support of Date of Birth.
- ii) Higher Secondary/Diploma certificate.
- iii) Certificate or Mark sheet of Graduation Degree from recognized university.

  
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- iv) Caste certificate, in case of candidates belonging reserved category, issued by competent officer (Sub Divisional Officer) of Government of MP Only in prescribed format.
- v) MP Domicile Certificate.
- vi) In case of EWS candidate, a valid certificate issued by competent officer of Government of M.P. for being in category of "Economic Weaker Section."
- vii) Declaration of being a "Non-Creamy Layer" OBC candidate.
- viii) "Divyang (PH)" candidate valid certificate of 40% or above "Permanent Disability" issued by "District Medical Board" constituted under notification no F-8-1 -Seventeen-Med-2 dated 09.01.2009 or subsequent amendments if any. However such certificate issued on or after 01.06.2021 shall be treated valid only if issued through UDID portal <http://www.swavlambancard.gov.in>.

#### 8. Application fee and other charges :-

- i) The recruitment shall be done through On-line exam.
- ii) Portal fee including taxes to MPONLINE shall be as declared by MP ONLINE in the portal per candidate and payable through electronic mode.
- iii) Payment of application fee can also be made in cash for MPONLINE in MP Online KIOSK.
- iv) No Extra charges shall be payable for scanning of photographs etc. to the KIOSK apart from the portal charges.
- v) After payment, one time edit facility shall be available to the candidates for which portal charges shall be as declared by MP ONLINE in the portal.

  
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### 9. Syllabus (Graduate Level) :-

Post Name	Syllabus
Manager	<b>Section-01 :- Mathematics or Quantitative Section - 20 Questions</b> <b>Section-02 :- English and Verbal Section - 30 Questions</b> <b>Section-03 :- Analytical Reasoning Section - 30 Questions</b> <b>Section-04 :- Computer Proficiency Section- 10 Questions</b> <b>Section-05 :- General Knowledge- 10 Questions</b>

Post Name	Syllabus
Assistant Engineer	<b>Section-01 :-Technical (Surveying, Applied Mechanics &amp; Bending Moments in Beams, Foundation Design &amp; Construction, General Masonry Structures Design &amp; Construction, Reinforced Cement Concrete &amp; Reinforced Brickwork Building Materials, Water Supply, Drainage &amp; Sewerage, House Disposal Works, Roads and Highways, Cement Concrete Roads, Bridges &amp; Culverts, Estimating &amp; Quantities) - 75 Questions</b> <b>Section-02 :- Mathematics or Quantitative Section - 08 Questions</b> <b>Section-03 :- English and Verbal Section -05 Questions</b> <b>Section-04 :- Analytical Reasoning Section - 05 Questions</b> <b>Section-05 :- Computer knowledge and General Knowledge Section-07 Questions</b>

  
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## 10. Important Dates :-

### For Manager & Assistant Engineer :-

S.No	Activity	Dates
1	Issue of Advertisement	30/08/2024
2	Date of Application filling	03/09/2024 to 10/10/2024
3	Edit Application Live	06/09/2024 to 11/10/2024
4	Commencement of Online downloading of Admit Card	To be notified
5	Online Exam	To be notified
6	Uploading of model answer key	To be notified
7	Objection calling live	To be notified
8	Resolution of objection raised	To be notified
9	Result Declaration	To be notified

(A) The dates are subject to changes in unavoidable circumstances. However, In case of any change in dates it shall be notified on the website of MPIDC and MPONLINE Portal at the appropriate time.

(B) If you are graduate in Civil Engineering and have applied for the post of Assistant Engineer MPIDC, you may write your application number of Assistant Engineer post, in the online application used for the post of Manager.

  
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## 11. General Conditions :-

- i) The Candidate should be an Indian.
- ii) Caste certificate to be submitted in relevant cases issued by competent authority of State of Madhya Pradesh only shall be treated as valid.
- iii) The candidates of OBC category (Non-creamy layer) shall have to submit declaration that they do not come under "Creamy layer" as per the as on date bench mark standards set and notified by the Government of Madhya Pradesh. Following format should be used for "Declaration." **(Annexure - "One")**
- iv) Certificate of 40% or above permanent disability issued by the competent authority of the state District Medical Board in accordance with prevailing rules of the state of Madhya Pradesh, Department of Public Health & Family Welfare, only shall be acceptable.
- v) Candidates belonging to EWS category shall have to submit the certificate to that effect issued by the competent authority of State of Madhya Pradesh in format prescribed by the Govt. of M.P.
- vi) Candidates working in the Government/Semi-Government/Public Sector, satisfying the eligibility criteria of education and age shall have to produce N.O.C. from their present employer at the time of interview and MPIDC reserves the right to verify document submitted by the applicant. If any of the information given by the applicant is found incorrect, his/her candidature shall be cancelled at any stage of selection /appointment process and thereafter.

  
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- vii) The appointment letter to the candidates shall be issued on the basis of final merit list subject to verification of original documents.
- viii) Disqualification for appointment to the post shall be in accordance with the prevailing provisions of Government of M.P. and Corporation's Service Rules 2017.
- ix) On selection, initial intimation letter may be sent to the candidates through email on their registered email id in application.
- x) As per the final selection list based on merit, candidates shall be given appointment order as a probationer (as per State Govt. Rules followed by Corporation's Service Rules 2017). Selected candidates shall join the place of posting in stipulated time as per appointment order, failing which their appointment shall stand cancelled and waiting list shall be operated. Candidate shall be allowed to join at respective place only after verification of his/her original document, submission of medical fitness certificate & affidavit in prescribed format in the context of character verification of police in that office.
- xi) Candidates shall not be given reimbursement for to and fro journey for test, interview and verification of documents or joining at the respective place of posting.
- xii) Any dispute arising out of the selection process shall be dealt within the jurisdiction of M.P. High Court Jabalpur.
- xiii) During the entire selection process, if any computer/clerical errors are observed, MPIDC reserves the right for legitimate correction at any stage.

  
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- xiv) No RTI application shall be entertained during the entire selection process i.e. till issuance of appointment order.
- xv) The information made available/displayed on the portal in the context of this selection process shall not be given under RTI application.

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(Annexure-'One')

**//Declaration//**

(To be submitted by Non Creamy Layer OBC candidate)

I \_\_\_\_\_, am submitting an application for the post of \_\_\_\_\_ MPIDC under the advertisement no. No.193/MPIDC/Est./S.N.17/2024/....., dated .... August, 2024.

**I hereby declare that :-**

- (i) I \_\_\_\_\_, son/daughter of Shri \_\_\_\_\_ resident of \_\_\_\_\_ District \_\_\_\_\_ Madhya Pradesh. I declare that I am a member of \_\_\_\_\_ caste that has been notified by the Government of Madhya Pradesh enabling the eligibility for reservation in services.
- (ii) I do hereby solemnly declare that I do not fall under "Creamy Layer Category" in accordance with the bench mark standards defined in the letter circulars of Government of Madhya Pradesh, Department of General Administration Department.

**Signature**

**Place:-**

**Name:-**

**Dated:-**

**Application Number :-**

  
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(Annexure - "Two")

**SYLLABUS FOR MANAGER**

**1. Mathematics or Quantitative Section-20 Questions**

- ❖ HCF & LCM.
- ❖ Averages.
- ❖ Mensuration
- ❖ Profit and Loss.
- ❖ Time Speed Distance.
- ❖ Ratios and Proportion
- ❖ Number system.
- ❖ Work and time.
- ❖ Percentage.

**2. English and Verbal Section-30 Questions**

- ❖ Fill in the blanks.
- ❖ Verbal reasoning.
- ❖ Sentence completion.
- ❖ Grammar.
- ❖ Syllogisms.
- ❖ Jumbled paragraphs.
- ❖ Para Completion and inference.
- ❖ Contextual usage.
- ❖ Foreign language words used in English.
- ❖ Reading comprehension.
- ❖ Analogies.
- ❖ Sentence correction.
- ❖ Verbal logic.
- ❖ Different usage of same word.
- ❖ Idioms.
- ❖ Para Jumbles.
- ❖ Antonyms.
- ❖ One word substitution.

  
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### 3. Analytical Reasoning Section - 30 Questions

- ❖ Blood relations.
- ❖ Series.
- ❖ Proposition.
- ❖ Direction sense.
- ❖ Coding Decoding.
- ❖ Assumptions.
- ❖ Puzzles
- ❖ Clocks and calendars.
- ❖ Statements.
- ❖ Data arrangement.
- ❖ Family tree.
- ❖ Binary logics.
- ❖ Seating arrangements.
- ❖ Venn diagram.
- ❖ Sets

### 4. Computer Proficiency Section - 10 Questions

- ❖ Characteristics of Computers, Computer Organisation including RAM, ROM, File System, Input Devices, Computer Software-Relationship between Hardware and Software, Operating System, MS-Office (exposure of Word, Excel/spread sheet, Power point), Information Technology and Society-Indian IT Act, Digital Signatures, Application of information technology in Government for E-Governance, mobile/Smartphone's, Information Kiosks.

### 5. National General Knowledge - 10 Questions

- ❖ Current Events and of such matter of everyday observation as may be expected of an educated person. The test will also include questions relating to History, Polity, Constitution, Sports, Art & Culture, Geography, Economics, Everyday Science, Scientific Research, National/International Organizations/Institutions etc.

  
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(Annexure - "Three")

**SYLLABUS FOR ASSISTANT ENGINEER (CIVIL)**

**1. Technical Section – (75 Questions)**

**SURVEYING:**

- ❖ Principles of surveying, measurement of distance, chain surveying, working of prismatic compass, compass traversing, bearings, local attraction, plane table surveying theodolite traversing, adjustment of theodolite, Leveling Definition of terms used in levelling, contouring, curvature and refraction corrections, temporary and permanent adjustments of dumpy level, methods of contouring, uses of contour map, tachometer survey, curve setting, earthwork calculation, advanced surveying equipment.

**APPLIED MECHANICS & BENDING MOMENTS IN BEAMS:-**

- ❖ Definition of terms like Stress, Strain, Tensile Strength, Elasticity, Young's Modulus, Shear Modulus, Poisson's Ratio, Modulus of Rupture. Yield Point, Fatigue, Impact, Lateral Restraint, Moment of Inertia, Effective Span. General Formulae for the Flexure of Beams. Formulae for working out areas of beam & columns.

**FOUNDATION DESIGN & CONSTRUCTION:-**

- ❖ Soils and sub-soils: Constituents of Soils, Types of Soils, Characteristic of Soils. General Properties of Soils Materials, Classification and identification of Sods, Particle- Size Analysis of Soils, Textural Classification of Soils.
- ❖ Soil Test: Proctor Compaction Test, Moisture Content Determination, Consolidation and Density Test, Liquid and Plastic Limit Tests, Shear Box and Triaxial Test, Bearing test, vane tests, penetration tests, C.B.R. Test.

  
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## GENERAL MASONRY STRUCTURES DESIGN & CONSTRUCTION:-

- ❖ Safe Permissible Load on Masonry: Damp-proofing and Water proofing, Treatment of Foundation on Bad Soils, Treatment of Floors, Walls, Basements, Efflorescence, Remedial Measures of Dampness in Old Structures, Cement Paints. Plastering and Pointing, White-washing, Color washing & Distemping Stabilized Soil for Building Construction, Flooring, Lightning Conductors, Water Storage Tanks and Dams, Stone Masonry General Specifications, General Specifications for Brickwork, Lime Concrete, Glossary of Terms.

## REINFORCED CEMENT CONCRETE & REINFORCED BRICKWORK:-

- ❖ Theory of Reinforcing Concrete, Methods of Design, Properties and Steel, Tests on Concrete, Working Stresses of Concretes and Steels, Shear, Bond and Anchorage, Cutting and Bending Bars, Concrete Coverings Outside Steel. General Design Principles for RC Slabs and Beams.

## BUILDING MATERIALS:-

- ❖ Bricks: Standard Sizes of Bricks, General Physical Characteristics, Test for Good Clay for Bricks, Strength of Bricks, Breeze Fixing Bricks, Fire Bricks, Terra-cotta, Brick ballast, Hollow Clay Blocks, Earthenware and Stoneware Sand, Surkhi, Pozzolana or Pozzolana, Limes: Fate Lime, Hydraulic Lime, Shell Lime, Burning of Lime, Methods of Slaking, Test for Freshness, Suitability of Limes, Test for Strength of Mortars, Grinding and Mixing lime Mortars. Plaster of Paris:- Barium Plaster, Kankar

  
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## WATER SUPPLY:

- ❖ **Drinking water Qualities:-** Impurities in Water, Potable, Contaminated and Polluted Waters, Simple Test for Detecting Dangerous Matters in Water, Description of Common Impurities, their Effects and Remedial Measures. Plants and Living Organisms, Algae, Iron, Colour, Odour and Taste, Alkalinity and Acidity, Hard and Soft Waters, Water Softening
- ❖ **Water Purification and Treatment:** Measurements of Velocity of Ground Waters, Discharge from Wells, Test for Yield of a Well. Construction of Tube wells-Methods of Boring, Strainers, House-hold, Tube-wells, open Wells, Curbs, Stenings, Preparation of Project Estimates for Water Supply Schemes, Miscellaneous

## DRAINAGE & SEWERAGE

- ❖ **Surface Drainage and Run-off:-** Design of Town Drains and Sewers, Systems of Drainage, Combined and Separate Systems, Open Drains in Small Towns, Shape of Street Drains, Size of Sewers for Different Systems, Volume of Sewage for Design, Discharge Calculations, Size of Sewers, Storm-overflow, Rainfall for Design, Self-Cleansing Velocities, Domestic Drains, Flushing of Drains and Sewers.
- ❖ **House Disposal Works:-** Septic Tanks, Disposal of Effluent from Septic Tanks, Cesspools and Seepage Pits.

## ROADS AND HIGHWAYS:-

- ❖ Glossary of Highway Engineering Terms, Road Structure the Sub-grade (Formation). Foundation Soling or Bottoming, The Base, The Surfacing, Causes of Disintegration of Roads in India, Sub-soil Drainage and Moisture Control, Road Rollers, Cylindrical. Sheeps-foot, Pneumatic-tyred, Working and Care of Rollers, Rolling Methods of Rolling Output of Rollers, Preparation of Sub-Grade, Construction of Bases and Sub-Bases, Preparation of Base for Laying Bituminous Courses, Soling or Bottoming, Selection of Stone Metal, Water-Bound Macadam Roads, Size and Grading of Aggregates, Screenings, Binding and test of Materials.

  
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### **CEMENT CONCRETE ROADS:-**

- ❖ Concrete Pavements, Properties of Aggregates, Base and Slab Thickness, Reinforcements, Joints, Laying Slabs.

### **BRIDGES & CULVERTS:-**

- ❖ Run-off intensity of Rainfall, Run-off from Catchments. Critical Intensity, Heaviest Rainfall for Important Places in India, Time of Concentration, Impermeability Factor of Surfaces. Rules for Construction of Pipe Culverts under Deep Fills, Loads on Pipes under Heavy Fills River Training Works.

### **ESTIMATING & QUANTITIES:-**

- ❖ Earthwork and Excavation, Mortars, Concretes Breaking brick and stone metal Reinforced Concrete. Brickwork, Stone Masonry, Flooring, Pointing, Plastering, White- Washing and Distempering, Wood-work for Doors and Windows, Painting Roofing Water Assessment for Building Operations Lime Stone Burning, Brick Burning (Brick Kiln). Surkhi Burning, Charcoal Burning Blasting, Carriage of Building Materials, Preparation of Project Estimates.

## **2. Mathematics or Quantitative Section – (08 Questions)**

- ❖ HCF & LCM.
- ❖ Averages.
- ❖ Mensuration.
- ❖ Profit and Loss.
- ❖ Time Speed Distance.
- ❖ Ratios and Proportion.
- ❖ Number system.
- ❖ Work and time.
- ❖ Percentage.

  
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### 3. English and Verbal Section – (05 Questions)

- ❖ Fill in the blanks.
- ❖ Verbal reasoning.
- ❖ Sentence completion.
- ❖ Grammar.
- ❖ Syllogisms.
- ❖ Jumbled paragraphs.
- ❖ Para Completion and inference.
- ❖ Contextual usage.
- ❖ Foreign language words used in English.
- ❖ Reading comprehension.
- ❖ Analogies.
- ❖ Sentence correction.
- ❖ Verbal logic.
- ❖ Different usage of same word.
- ❖ Idioms.
- ❖ Para Jumbles.
- ❖ Antonyms.
- ❖ One word substitution.

### 4. Analytical Reasoning Section – (05 Questions)

- ❖ Blood relations.
- ❖ Series.
- ❖ Proposition.
- ❖ Direction sense.
- ❖ Coding Decoding
- ❖ Assumptions.
- ❖ Puzzles.
- ❖ Clocks and calendars,
- ❖ Statements.
- ❖ Data arrangement.
- ❖ Family tree.
- ❖ Binary logics
- ❖ Seating arrangements.

  
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- ❖ Venn diagram.
- ❖ Sets.

### 5. Computer Knowledge & General Knowledge - (07 Questions)

- ❖ Current Events and of such matter of everyday observation as may be expected of an educated person. The test will also include questions relating to elementary level history. Polity, Constitution, Sports, Art & Culture, Geography, Economics, Everyday Science, Scientific Research, National/ International Organizations/Institutions etc & Basic of computers, MS Office, MS Excel, CAD.

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