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Government of Kerala
കേരള സർക്കാർ
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രജി.നമ്പർ

KERALA GAZETTE
കേരള ഗസറ്റ്
EXTRAORDINARY
അസാധാരണം
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GOVERNMENT OF KERALA
Irrigation (Ground Water) Department
NOTIFICATIONS

I

G. O. (P) No. 32/93/Ir.D.

Dated, Thiruvananthapuram, 30th July, 1993.

S. R. O. No. 1237/93.—In exercise of the powers conferred by Sub-section (1) of section 2 of the Kerala Public Services Act, 1968 (19 of 1968), and in supersession of all the existing rules and orders on the subject, the Government of Kerala hereby make the following Special Rules for the Kerala Ground Water Service, namely:—

RULES

1. *Short title and commencement.*—(1) These rules may be called The Kerala Ground Water Department Service Special Rules, 1993.

(2) They shall come into force at once.

2. *Constitution.*—The service shall consist of the following branches and categories of officers, namely:—

33/3086/MC.

BRANCH I—HYDROGEOLOGY

Category	1	—	Superintending Hydrogeologist
Category	2	—	Senior Hydrogeologist
Category	3	—	Hydrogeologist
Category	4	—	Junior Hydrogeologist

BRANCH II—ENGINEERING

Category	1	—	Superintending Engineer
Category	2	—	Executive Engineer
Category	3	—	Assistant Executive Engineer
Category	4	—	Assistant Engineer

BRANCH III—GEOPHYSICS

Category	1	—	Geophysicist
Category	2	—	Junior Geophysicist

BRANCH IV—HYDROCHEMISTRY

Category	1	—	Executive (Chemist)
Category	2	—	Chemist
Category	3	—	Junior Chemist

BRANCH V—HYDROLOGY

Category	1	—	Executive Engineer (Hydrology)
Category	2	—	Assistant Executive Engineer (Hydrology)
Category	3	—	Assistant Engineer (Hydrology)

3. *Qualification and method of appointment.*—No person shall be eligible for appointment to any of the categories in column (i) of the table below by the method specified against it in column (2), unless he possesses the qualifications specified in the corresponding entry in column (3) thereof, namely:—

TABLE

<i>Category</i>	<i>Method of appointment</i>	<i>Qualifications</i>
(1)	(2)	(3)

BRANCH I—HYDROGEOLOGY

- | | | |
|----------------------------------|---|---|
| 1. Superintending Hydrogeologist | By promotion from category 2. | (a) Master's Degree in Geology, Applied Geology, Hydrogeology or Marine Geology; and

(b) Five years experience in the feeder category. |
| 2. Senior Hydrogeologist | (i) By promotion from category 3.

(ii) In the absence of qualified hands under item (i) above by direct recruitment. | (i) (a) Master's Degree in Geology, Hydrogeology, Applied Geology or Marine Geology.

(b) Five years experience in the feeder category after acquiring the Master's Degree;

Or
(ii) (a) B.Sc. Degree in Geology, Hydrogeology, Applied Geology/Marine Geology; and
(b) Eight years service in the feeder category.

(1) Master's Degree in Geology, Applied Geology, Hydrogeology or Marine Geology with not less than 50% Marks; and

(2) Experience in hydrogeological work, of not less than 10 years in Central or State Government Departments/Organisations after acquiring the above qualification.

<i>Desirable.</i> —(a) Doctorate Degree in Geology, Applied Geology, Hydrogeology or Marine Geology. |

(1)	(2)	(3)
		(b) Published work in the field of Ground Water. (c) Specialised training in Ground Water.
3. Hydrogeologist	(i) By promotion from category 4	(1)(a) Master's Degree in Geology, Applied Geology, Hydrogeology or Marine Geology; and (b) Three years experience in the feeder category after acquiring the Master's Degree ; Or (2)(a) B.Sc. Degree in Geology, Applied Geology and Hydrogeology or Marine Geology; and (b) Seven years experience in the feeder category.
	(ii) In the absence of qualified hands under item (i) above, by direct recruitment.	(1) Master's Degree in Geology/ Applied Geology/Marine Geology with specialisation in Hydrogeology with not less than 50% Marks; and (2) Five years experience in Hydrogeological work in Central or State Government Departments/Organisations, after acquiring the above qualification.
		<i>Desirable.</i> —Training in Ground Water prospecting offered by Central Government or State Government or recognised Institute or University.

(1)	(2)	(3)
4. Junior Hydrogeologist	(i) By promotion from category 1 Geological Assistant of Branch I of the Kerala Ground Water Subordinate Service.	(1)(a) Master's Degree in Hydrogeology, Applied Geology or Marine Geology; and (b) Two years experience in the feeder category. Or (2)(a) B.Sc. Degree in Geology, Applied Geology or Marine Geology; and (b) Five years experience in the feeder category.
	(ii) By direct recruitment	Master's Degree in Geology/ Applied Geology/ Hydrogeology/ Marine Geology with not less than 50% Marks. <i>Desirable.</i> —Training in Ground Water and Water Well Technique by State/ Central Government Organisation. <i>Note.</i> —A ratio of 1:1 shall be followed between promotion and direct recruitment.

BRANCH II—ENGINEERING

1. Superintending Engineer	(i) By promotion from category 2. Or	(1)(a) A degree in Agricultural, Mechanical, Mining, Civil Engineering; and (b) Five years experience in the feeder category.
	(ii) In the absence of qualified hands under item (1) above	Or (1)(a) A degree in Agricultural, Mechanical, Mining, Civil Engineering; and
	By promotion from Category 1 Executive Engineer (Hydrology) of Branch V.	(b) Five years experience in the feeder category.

(1)	(2)	(3)
2. Executive Engineer	(i) By Promotion from Category 3	<p>(1) (a) A degree in agricultural, Mechanical, Mining Engineering; and</p> <p>(b) Five years experience in the feeder category;</p> <p>Or</p> <p>(2) (a) Diploma in Mechanical/Mining Engineering; and</p> <p>(b) Twenty years experience in the department of which five years service shall be in the feeder category.</p> <p><i>Note.</i>—Only 5% of the posts in the cadre of Executive Engineer shall be filled up by promotion from among Assistant Executive Engineers who possess Diploma qualification; Provided a Junior diploma holder shall not supersede a senior degree holder.</p>
	(ii) In the absence of qualified hands under item (i) above, by direct recruitment.	<p>(1) First or Second class degree in Mechanical, Agricultural, Mining Engineering ; and</p> <p>(2) Ten years experience in the State/Central Government department/Organisation, in the field of water well construction.</p>
3. Assistant Executive Engineer	(i) By Promotion from category 4	<p>(1)(a) A degree in Mechanical/Agricultural or Mining Engineering; and</p> <p>(b) Three years service in the feeder category.</p>

(1)

(2)

(3)

Or

- (2) (a) Diploma in Mechanical Engineering/Mining Engineering/Agricultural Engineering; and

- (b) Four years service in the feeder category;

Or

- (3) (a) A pass in the S.S.L.C. Examination or its equivalent and I.T.I. Certificate in the trade of Diesel or Motor Machanic; and

- (b) Six years service in the feeder category.

- (ii) In the absence of (i) qualified hands under (i) above, by direct recruitment.

Degree in Mechanical, Agricultural or Mining Engineering; and

- (ii) (a) A Certificate in Water well or rock drilling sponsored by the Indian School of Mining Dhanbad or the Institute of Technology Kharagpur; or

- (b) Five years experience in drilling and familiarity with operational characteristics of different types of drilling rigs (Direct Rotary reverse circulation or down the hole hammer) in State/Organisation(s).

Note.—A ratio of 15:4:1 shall be observed among Degree, Diploma; I.T.I. certificate holders in the case of promotion, to be applied to the cadre strength:

(1)	(2)	(3)
		<p>Provided that a junior diploma holder shall not supersede a senior degree holder and junior certificate holder shall not supersede a senior degree/diploma holder.</p>
		<p><i>For Promotion</i></p>
<p>4. Assistant Engineer</p>	<p>(i) By promotion from the category I, of branch II (Master Driller) of the Kerala Ground Water Subordinate Service</p>	<p>(1)(a) Degree in Mechanical Engineering/Mining Engineering/Agricultural Engineering; and</p> <p>(b) Two years service as Master Driller;</p> <p style="text-align: center;">Or</p> <p>(2) (a) Diploma in Mechanical Engineering/Mining Engineering/Agricultural Engineering; and</p> <p>(b) Four years service as Master Driller;</p> <p style="text-align: center;">Or</p> <p>(3) (a) I.T.I. Trade Certificate in Diesel/Motor Mechanics; and</p> <p>(b) Six years service as Master Driller.</p>
		<p><i>Note.</i>—A ratio of 6:3:1 shall be followed for promotion among degree holders, diploma holders and I. T. I. certificate holders, provided that a junior diploma holder shall not supersede a senior degree holder and a junior certificate holder shall not supersede a senior degree or diploma holder.</p>

(1)	(2)	(3)
-----	-----	-----

(ii) By direct recruitment

Degree in Mechanical Engineering/Mining Engineering/Agricultural Engineering with not less than 50% marks

Desirable.—Two years experience in handling water well drilling rigs.

Note.—A ratio of 1:1 shall be followed between promotion and direct recruitment. The application of the ratio shall begin with promotion.

BRANCH III—GEOPHYSICS

1. Geophysicist

(i) By promotion from category 2

(1) (a) Master's Degree in Geophysics or Physics; and

(b) Three years experience in the feeder category after obtaining the above qualification;

Or

(2) (a) B.Sc. Degree in Geophysics or Physics; and

(b) Seven years experience in the feeder category.

(ii) In the absence of qualified hands under item (i) above by direct recruitment

(i) Master's Degree in Geophysics with not less than 50% marks, in their absence Master's Degree in Physics with not less than 50% marks; and

(ii) Experience in Geophysical investigation for Ground Water prospecting for a minimum period of 5 years in State/Central Governments after acquiring the qualification under item (i) above.

(1)	(2)	(3)
		<i>Desirable</i> .—Certificate of satisfactory completion of training in Ground Water and Water Well Techniques in India conducted by the Central Ground Water Board.
2. Junior Geo-Physicist	(i) By Promotion from category Geophysical Assistant of Branch III of the Kerala Ground Water Subordinate Service	(1) (a) Master's Degree in Geophysics or physics; and (b) Two years experience in the feeder category; or (2) (a) B. Sc. Degree in Geophysics or physics; and (b) Five years experience in the feeder category.
	(ii) By direct recruitment	(1) Master's Degree in Geophysics with not less than 50% marks. In the absence of candidates with the above qualification, Master's Degree in any branch of physics with not less than 50% marks; and (2) In the absence of candidates possessing the above qualifications Master's degree in Physics in any branch other than Geophysics with not less than 50% marks shall be considered subject to the condition that they shall undergo training in Geophysical investigations or logging techniques, Ground Water Prospecting in any Government Organisation.

Note.—A ratio of 1:1 shall be followed between promotion and direct recruitment. The application of ratio shall begin with promotion.

(1)

(2)

(3)

BRANCH IV—HYDROCHEMISTRY

- | | | |
|---------------------------|---|---|
| 1. Executive
(Chemist) | (i) By promotion
from category 2 | 1 (a) Master's Degree in Chemistry
or Agricultural Chemistry;
and
(b) Five years experience in the
feeder category; |
| | | Or |
| | | 2(a) B. Sc. degree in Chemistry or
Analytical Chemistry; and
(b) Twenty years experience in the
Department of which eight
years shall be in the feeder
category. |
| | (ii) In the absence
of qualified hands
under item(i) above,
by direct
recruitment | 1. Master's Degree in Chemistry
with not less than 50% marks;
and
2. Ten years experience in ana-
lysis of water for agricultural
and drinking purpose in any
of the State, Central Govern-
ment Department/Organi-
sation. |
| 2. Chemist | (i) By promotion
from Category 3 | 1(a) Master's Degree in Chemistry,
Agricultural Chemistry; and
(b) Three years experience in the
feeder category after acquiring
the educational qualification; |
| | | Or |
| | | 2(a) B.Sc. Degree in Chemistry
or Agricultural Chemistry; and
(b) Seven years experience in the
feeder category. |

(1)	(2)	(3)
	(ii) In the absence of qualified hands under item(i) above by direct recruitment	(1) Master's Degree in Chemistry with not less than 50% marks; and (2) Five years experience in the analysis of water for agricultural and drinking purposes in any of the State or Central Government Departments/ Organisations.

Desirable:—Training in water analysis conducted by the State or Central Government.

3. **Junior Chemist**

- (i) By promotion from Category 1, Chemical Assistant of Branch IV of the Kerala Ground Water Subordinate Service.
- 1(a) M.Sc. degree in Chemistry or Agricultural Chemistry; and
- (b) Two years experience in the feeder category.

Or

- 2(a) B.Sc. Degree in Chemistry or Agricultural Chemistry; and
- (b) Five years experience in the Feeder category.

Note:—In the case of Candidates who have come from Agriculture Department their experience as Junior Scientific Assistant in that department shall also be counted as experience in the feeder category.

(1)	(2)	(3)
	(ii) In the absence of qualified candidates under item (i) above, by direct recruitment	(1) Master's Degree in Chemistry with not less than 50% marks and (2) Three years experience in routine analytical work in any Government Laboratory.

BRANCH V—HYDROLOGY

1. Executive Engineer Hydrology	(i) By promotion from category 2	(a) A degree in Civil Engineering; and (b) Five years experience in the feeder category;
		Or
		(2) (a) Diploma in Civil Engineering; and (b) Twenty years service in the Department of which eight years service shall be in the feeder category;
		Provided that not more than 5% of the vacancies shall be filled up by Diploma holders.
	(ii) In the absence of qualified hands under item (i) above direct recruitment	(1) First or Second Class Degree in Civil Engineering; and (2) Not less than ten years experience in Central or State Government Department/ Organisations in the field of Hydrogeology.
2. Assistant Executive Engineer (Hydrology)	(1) By promotion from the category 2	(1)(a) A degree in Civil Engineering; and (b) Three years service in the feeder category

Or

(1)	(2)	(3)
	(2) (a) Diploma in Civil Engineering; and (b) Seven years experience in the feeder category;	
	Or	
	(3) (a) A Pass in the S. S. L. C.; and (b) I. T. I. Certificate in the Trade Draftman (Civil/Mech- anical) Or Surveyor trade; and (c) Twenty years service in the Department, of which eight years shall be in the feeder category.	
		A ratio of 15:4:1 shall be observed among Degree, Dip- lomà, I. T. I. Certificate holders in the case of promotion to be applied to the cadre strength:
		Provided that a junior dip- lo-ma holder shall not supersede a senior degree holder and junior certificate holder shall not supersede a senior degree/ diploma holder.
(ii) In the absence of qualified candida- tes under item (i) above, by direct recruitment	(1) Degree in Civil Engineering with not less than 50% marks; and	
	(2) Five years experience in Hydro- geological studies in State or Central Governments after acquiring the qualification above.	
	<i>Desirable:</i> —(1) Training in Hydrology conducted by the State or Central Government Organisations.	
	Or	

(1)	(2)	(3)
3. Assistant Engineer Hydrology	(i) By promotion from categories 2 and 3 Draftsman Grade I and Overseer of Branch I in the Kerala Ground Water Subordinate Service	(2) Post Graduate certificate of training in Hydrology issued by Roorkee University or equivalent.
		(1)(a) Degree or Diploma in Civil Or Mechanical Engineering; and
		(b) Five years service in the feeder category; Or
		2(a) I.T.I. Trade Certificate in Draftsman (Civil or Mechanical) of I. T. I. Trade Certificate in Surveyor Trade; and
(ii) By direct recruitment	(b) Seven Years experience in the feeder category.	Degree in Civil Engineering with not less than 50% marks.

Desirable:—Training in Hydrology conducted by the State or Central Government Organizations or Universities.

Note:—A ratio of 1:1 shall be followed between Direct recruitment and Promotion. A ratio of 6:3:1 shall be observed for promotion among Degree holders, Diploma holders and I. T. I. Certificate holders. Provided that a Junior diploma holder shall not supersede a senior Degree holder and a junior Certificate holder shall not supersede a senior Degree holder or Diploma holder.

Note 1:—All appointments and promotions which were made in the Department on or after 1-1-1978 and before coming into effect of these rules shall stand regularised from the dates on which such appointments and promotions were made and further promotions or appointments if any, in the respect of persons who were appointed or promoted during the said period shall, after coming into effect of these rules, be made only in accordance with the provisions contained in these rules.

Note 2:—The automatic regularisation as provided under NOTE 1, shall not confer any claim on any person referred to therein for seniority in the respective posts over those persons who already stand promoted in accordance with the executive orders governing those posts which were in force before coming into force of these rules and nothing in these rules shall be deemed to be unsettling the promotions of the persons made in accordance with the said executive orders.

Note 3:—The automatic regularisation provided under NOTE 1 shall not apply to any appointment made through Employment Exchange.

4. *Age.*—No person shall be eligible for appointment by direct recruitment to any of the categories in these rules, who has not completed the age of 18 years and who has completed the age of 35 years as on 1st day of January of the year in which application for appointment are invited subject to usual relaxation admissible.

5. *Probation.*—Every person appointed to any of the categories shall from the date on which he joins duty, be on probation.

(i) if appointed by promotion, for a period of one year on duty within a continuous period of two years, and

(ii) if appointed by direct recruitment, or by transfer, for a period of two years on duty within a continuous period of three years.

6. *Tests.*—Every person appointed to any of the categories included in these rules shall pass Account Test (Lower) of Executive Officers within the period of probation if he has not already passed the same.

7. *Reservation of appointment.*—The rules regarding reservation of appointments (General Rules 14 to 17) of the Kerala State and Subordinate Service Rules, 1958, shall apply to all appointments by direct recruitment.

8. *Appointing Authority*.—Appointing Authority in respect of Junior Hydrogeologist (Category 4 in Branch I), Assistant Engineer (Category 4 in Branch II), Junior Geophysicist (Category 2 in Branch III), Junior Chemist (Category 3 in Branch IV) and Assistant Engineer (Hydrology) (Category 3 in Branch V) shall be Director of Ground Water and the appointing authority in respect of all other categories in the different Branches of service included in these rules shall be the Government.

By order of the Governor,

N. V. MADHAVAN,
Secretary to Government.

Explanatory Note

(This does not form part of the notification, but is intended to indicate its general purport.)

The State Ground Water Department started functioning as an independent Department with effect from 1-1-1978 separating the former Ground Water Wing attached to the Agriculture Department. Qualifications and method of appointment to the various posts in the Department were prescribed as per Executive Orders while those posts were under the Agriculture Department. Later they were made applicable to the posts in the new Ground Water Department also. So also a number of new posts were subsequently created in the Department. But no qualifications and method of appointment have so far been prescribed. The Government now propose to prescribe qualification and method of appointment to the various categories of posts mentioned in the notification. This notification is intended to achieve the above object.

II

G. O. (P) No. 33/93/Ir.D.

Dated, Thiruvananthapuram, 30th July 1993.

S. R. O. No. 1238/93.—In exercise of the powers conferred by sub-section (1) of Section 2 of the Kerala Public Services Act, 1968 (19 of 1968), and in supersession of all the existing rules and orders on the subject, the Government of Kerala hereby make the following Special Rules for the Kerala Ground Water Subordinate Service, namely:—

33/3086/93/MC

RULES

1. *Short title and commencement.*—(1) These rules may be called the Kerala Ground Water Department Subordinate Service Special Rules, 1993.

(2) They shall come into force at once.

2. *Constitution.*—The Service shall consist of the following Branches and Categories of Officers, namely:—

BRANCH I—HYDROGEOLOGY

Category	1	.. Geological Assistant
Category	2	.. Draftsman Grade I
Category	3	.. Overseer
Category	4	.. Draftsman Grade II
Category	5	.. Surveyor
Category	6	.. Tracer

BRANCH II—ENGINEERING

Category	1	.. Master Driller
Category	2	.. Senior Driller
Category	3	.. Foreman/Store-in-charge
Category	4	.. Driller/Driller Machanic
Category	5	.. Motor Machanic/Store Assistant
Category	6	.. Compressor Driver
Category	7	.. Welder
Category	8	.. Machinist
Category	9	.. Blacksmith
Category	10	.. Drilling Assistant
Category	11	.. Electrician
Category	12	.. Fitter
Category	13	.. Tinker
Category	14	.. Turner
Category	15	.. Pump Operator
Category	16	.. Workshop Attender

BRANCH III—GEOPHYSICS

Geophysical Assistant

BRANCH IV—HYDROCHEMISTRY

Category	1	.. Chemical Assistant
Category	2	.. Laboratory Attender

3. *Qualification and methods of appointment.*—No person shall be eligible for appointment to any of the categories in column (1) of the table below by the methods specified in column (2) unless he possesses the qualification specified in the corresponding entry in Column (3) thereof; namely.—

TABLE :

<i>Category</i>	<i>Method of appointment</i>	<i>Qualification</i>
(1)	(2)	(3)

BRANCH I—HYDROGEOLOGY

1. Geological Assistant	(i) Appointment by transfer from among qualified persons in the Ministerial Subordinate Service (Clerical Staff) in the department according to seniority in the regular service in the Department	(i) B.Sc. degree in Geology/ Applied Geology/Hydrogeology, and (ii) Two years service in the Department.
	(ii) By direct recruitment	M.Sc. degree in Geology/ Hydrogeology/Applied Geology with not less than 50% marks. In the absence of candidates with the above qualification B.Sc. degree in Hydrogeology/ Geology/ Applied. Geology with not less than 50% marks.

Note:—A ratio of 3 : 1 shall be followed between direct recruitment and appointment by transfer.

(1)	(2)	(3)
2. Draftsmen Grade-I	(i) By promotion from Category 4-Draftsman Grade-II	1 (i) Diploma in Civil Engineer- ing; and (ii) A minimum of two years experience in the feeder category. Or 2 (i) S.S.L.C. or its equivalent; (ii) I.T.I. Certificate in Drafts- man Civil or Mechanical Trade; and (iii) Four years experience in the feeder category. (ii) In the absence of qualified hands under item (i) above, by direct recruitment. Degree or Diploma in Civil Engineering.
3. Overseer	(i) By promotion from Category 5-Surveyor.	1 (i) Diploma in Civil Engineer- ing; and (ii) Two years experience in the feeder category. 2 (i) I.T.I. Certificate in Surveyor trade; and (ii) Three years experience in the feeder category. (ii) In the absence of qualified hands under item (i) above, by direct recruitment. (i) Degree/Diploma in Civil Engineering; and (ii) Two years experience in State or Central Govern- ment departments as Surve- yor.
4. Draftsman Grade - II	(i) By promotion from category -6 Tracer	(i) Pass in S.S.L.C. or its equivalent. (ii) I.T.I. Certificate in Drafts- man trade. (a) Civil/Mechanical Trade or

(1)	(2)	(3)
		(b) Drawing Group Certificate of K.G.T.E./M.G.T.E.; and
		(iii) Two years experience in the feeder category.
	(ii) In the absence of 1	Degree or Diploma in Civil engineering; or
	qualified hands under item (i)	
	above by direct 2	(a) Pass in S.S.L.C. or its equivalent qualification; and
	recruitment.	
		(b) I.T.I. certificate in Draftsman trade (Civil or Mechanical)
5. Surveyor	By direct recruitment	(i) Degree or Diploma in Civil Engineering.
		Or
		(a) Pass in S.S.L.C. or its equivalent qualification; and
		(b) I.T.I. Trade certificate in Surveyor Trade.
6. Tracer	(i) By transfer from among qualified last grade servants of ground water department	Pass in S.S.L.C. and its equivalent qualification; and
	(ii) In the absence of qualified hands under item (i) above by direct recruitment.	I.T.I. Certificate in Draftsman Civil or Mechanical Trade. or Drawing group certificate in K.G.T.E.

Note :— A ratio of 3:1 shall be followed between direct recruitment and appointment by transfer.

(1)	(2)	(3)
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BRANCH-II ENGINEERING

1. Master Driller (i) By Promotion from 1 (i) Degree in Mechanical/
category 2 Senior Mining Engineering.
Driller

Or

- 2 (i) Diploma in Mechanical/
Mining Engineering and
(ii) minimum three years experience in the feeder category;

Or

- 3 (i) A pass in S.S.L.C. or its equivalent qualification;
(ii) I.T.I. Trade Certificate in Diesel or Motor Mechanic; and
(iii) Minimum twelve years experience in the department in handling various Drilling Machinery.

- (ii) In the absence of qualified hands under item (i) above, by direct recruitment

A Degree in Mechanical/
Mining Engineering/with not less than 50% marks.

2. Senior Driller (i) By promotion 1 (i) Degree/Diploma in Mechanical Engineering; and
from categories 3. Foreman/Store in Charge, 4. Driller/ (ii) two years experience in the
Driller Mechanic feeder category.

Or

- 2 (i) S.S.L.C. or its equivalent, and
(ii) I.T.I. Trade Certificate in Diesel or Motor Mechanic.

(1)	(2)	(3)
		(iii) Seven years experience in the Engineering wing of the department out of which three years shall be in the feeder category.
	(ii) By direct recruitment	A Degree/Diploma in Mechanical Engineering.
		<i>Desirable</i> :-Experience in Water Well Drilling rigs for a period of two years.
		<i>Note</i> :-A ratio of 1:1 shall be followed between direct recruitment and promotion, beginning with promotion.
3. Forman/ Store-in-Charge	(i) By promotion from the category 5. Motor Mechanic/ Store Assistant	(i) S.S.L.C. or its equivalent; and
		(ii) I.T.I. Trade Certificate in Diesel or Motor Mechanic; and
		(iii) Three years experience in the feeder category.
	(ii) In the absence of qualified hands under item (i) above, by direct recruitment	Degree/Diploma in Mechanical Engineering.
		<i>Desirable</i> :-Experience in any Government Workshop or Stores for a period of two years.
4. Driller/ Driller Mechanic	(i) By promotion from category 10 Drilling Assistant.	(i) I.T.I. Trade Certificate in Diesel or Motor Mechanic; and
		(ii) Three years experience in the feeder category.
		Or
		2 (i) I.T.I. Trade Certificate in any trade; and
		(ii) Five years experience in the feeder category.

(1)	(2)	(3)
5. Motor Mechanic/ Store Assistant	(ii) In the absence of qualified hands by under item (i) above, by direct recruitment	1. (a) Degree/Diploma in Mechanical Engineering; Or (b) I.T.I. Trade Certificate in Diesel or Motor Mechanic.
	(i) By promotion from category 6-Compressor Driver	1. (i) S.S.L.C. or its equivalent, and (ii) I.T.I. trade Certificate in Diesel or Motor Mechanic; and (iii) Two years experience in the feeder category.
6. Compressor Driver	(ii) In the absence of qualified hands under item (i) above, by direct recruitment	1. (a) Degree/Diploma in Mechanical Engineering Or (b) I.T.I. Certificate in Diesel or Motor Mechanic, and (c) Two years experience in any Government Workshop or stores.
	(i) By promotion from category 10 Drilling Assistant and (ii) By promotion from Drivers and Pump Operators of the Department	1. (i) S.S.L.C. or its equivalent (ii) I.T.I. Certificate in Diesel or Motor Mechanic; and (iii) Two years experience in the feeder category; and (i) Must possess a motor driving licence with endorsement to drive heavy vehicles. (ii) Knowledge in the operation and working of diesel engines and compressors for water well development; and (iii) Two years experience in the feeder category.

(1)	(2)	(3)
		<p><i>Note:—</i>(i) Promotion from category 10 Drilling Assistant and from the categories of Driver/ Pump Operators shall be made in the ratio of 1:1 according to seniority in the respective categories. The appointment shall begin with Drilling Assistant and among the Drivers and Pump Operators, the appointment shall begin with Pump Operators.</p>
		<p>(ii) In the case of drivers and Pump Operators proficiency in driving Heavy vehicles and in the operations of diesel engines and compressors will have to be proved in a practical test to be conducted by the Department.</p>
7. Welder	<p>(i) Appointment by transfer from among Last Grade Servants in the Department</p> <p>(ii) By direct recruitment</p>	<p>(i)(a) I.T.I. Trade certificate in welding</p> <p>Or</p> <p>(b) Certificate course under K.G.T.E.</p> <p>I.T.I. Trade certificate in welding.</p>
		<p><i>Note:—</i>A ratio of 3:1 shall be followed between direct recruitment and appointment by transfer.</p>
8. Machinist	<p>(i) Appointment by transfer from among the Last Grade Servants in the Department.</p> <p>(ii) By direct recruitment</p>	<p>(i) I.T.I. Machinist Trade;</p> <p>I.T.I. Trade Certificate in Machinist Trade.</p>

(1)

(2)

(3)

Note:—Ratio of 3:1 shall be followed between direct recruitment and appointment by transfer.

9. Blacksmith

(i) Appointment from among Last Grade Servants in the Department.

(i) I.T.I. Trade Certificate in Blacksmithy;

(ii) By direct recruitment

I.T.I. Trade Certificate in Blacksmithy.

Note:—A ratio of 3:1 shall be followed between direct recruitment and appointment by transfer.

10. Drilling Assistant

(i) Appointment by Transfer from among Last Grade Servants in the Department.

I.T.I. Trade Certificate in Diesel or Motor Mechanic.

(ii) By direct recruitment

I.T.I. Trade Certificate in Diesel or Motor Mechanic.

Note:—A ratio of 3:1 shall be followed between direct recruitment and appointment by transfer.

11. Electrician

(i) Appointment by transfer from among the Last Grade Servants in the Department.

I.T.I. Trade Certificate in the Trade of Electrician.

(ii) By direct recruitment

I.T.I. Trade Certificate in the trade of Electrician.

(1)	(2)	(3)
		<i>Note</i> :—A ratio of 3:1 shall be followed between direct recruitment and appointment by transfer.
12. Fitter	(i) Appointment by transfer from among the Last Grade Servants in the Department	I.T.I. Trade Certificate in the Trade, Fitter
	(ii) By direct recruitment	I.T.I. Trade Certificate in the trade, Fitter.
		<i>Note</i> :—A ratio of 3:1 shall be followed between direct recruitment and appointment by transfer.
13. Tinker	(i) Appointment by transfer from among the Last Grade Servants in the Department.	I.T.I. Trade Certificate in the Trade, Sheet metal Works.
	(ii) By direct recruitment.	I.T.I. Trade Certificate in the Trade, Sheet metal Works.
		<i>Note</i> :—A ratio of 3:1 shall be followed between direct recruitment and appointment by transfer
14. Turner	(i) Appointment by transfer from among the Last Grade Servants in the Department.	I.T.I. Trade Certificate in the trade, Turner,
	(ii) By direct recruitment	I.T.I. Trade Certificate in the trade, Turner.
		<i>Note</i> :—A ratio of 3:1 shall be followed between direct recruitment by transfer

(1)	(2)	(3)
15. Pump Operator	(i) Appointment by transfer from among the Last Grade Servants in the Ground Water Department.	I.T.I. Trade Certificate in Diesel or Motor Mechanic;
	(ii) By direct recruitment	I.T.I. Trade Certificate in Diesel/Motor Mechanic.

Note:—A ratio of 3:1 shall be followed between direct recruitment and appointment by transfer.

16. Workshop Attender	(i) Appointment by transfer from among the Last Grade Servants in the Ground Water Department.	(i) Pass in Standard VII
		(ii) Two years experience in any Government Workshop, and
		(iii) Two years experience in the Department.
	(ii) In the absence of qualified hands under item (i) above, by direct recruitment.	I.T.I. Certificate in any trade.

BRANCH III—GEOPHYSICS

Geophysical Assistant	(i) Appointment by transfer from qualified hands clerical staff of the Kerala Ground Water Department according to seniority in the Department.	(i) B.Sc. Degree in Geophysics or Physics and
		(ii) Two years service in the Department.

(1)	(2)	(3)
	(ii) By direct recruitment	M.Sc. Degree in Geophysics with not less than 50% marks.
		In the absence of candidates with the above qualification Master's Degree in any other branch of Physics with not less than 50% marks.
		<i>Note:—</i> A ratio of 3:1 shall be followed between Direct recruitment and appointment by transfer.

BRANCH IV—HYDROCHEMISTRY

1. Chemical Assistant

- | | |
|---|---|
| (i) Appointment by transfer from the Departmental hands (Clerical staff) with the prescribed qualifications according to seniority in the Department. | (i) B.Sc. Degree in Chemistry; and |
| | (ii) Two years service in the Department |
| (ii) In the absence of qualified hands under item(i) above, by direct recruitment. | (i) Master's Degree in Chemistry/Agricultural Chemistry with not less than 50% marks
Or |
| | (ii) In the absence of candidates with the above qualification B.Sc. Degree in Chemistry with not less than 50% marks and with two years experience in routine analytical work in any Government Department |

Or

(1)	(2)	(3)
		(iii) In the absence of candidates with two years experience under item (ii) above, B.Sc. Degree in Chemistry with not less than 50% marks
		<i>Note</i> :—A ratio of 3:1 will be followed between direct recruitment and appointment by transfer.
2. Laboratory Attender	(i) Appointment by transfer from among the Last Grade Servants in the Ground Water Department	(i) A pass in Standard VII (ii) A pass in Attender's Test conducted by the Public Service Commission. (iii) Two years service in the Department.
	(ii) In the absence of qualified hands under item (i) above, by direct recruitment.	Pass in S.S.L.Ct. with not less than 60% marks or its equivalent qualification.

Note 1. All appointments and promotions which were made in the Department on or after 1-1-1978 and before coming into effect of these rules shall stand regularised from the dates on which such appointments and promotions were made and further promotions or appointments if any, in respect of persons who were appointed or promoted during the said period shall, after coming into effect of these rules, be made only in accordance with the provisions contained in these rules.

Note 2. The automatic regularisation as provided under NOTE 1 shall not confer any claim on any person referred to therein for seniority in the respective posts over those persons who already stand promoted in accordance with the executive orders governing those posts which were in force before coming into force of these rules and nothing in these rules shall be deemed to be unsettling the promotions of the persons made in accordance with the said executive orders.

Note 3. The automatic regularisation provided under NOTE 1 shall not apply to any appointment made through Employment Exchange.

4. *Age*:—No person shall be eligible for appointment to any of the posts in Ground Water Subordinate Service by direct recruitment, who has not completed the age of 18 years and who has completed the age of 35 years as on the 1st day of January of the year in which application for appointment are invited, subject to usual relaxation admissible.
 5. *Probation*:—Every person appointed to any of the categories shall, from the date on which he joins duty, be on probation—
 - (i) if appointed by promotion, for a period of one year on duty within a continuous period of two years, and
 - (ii) if appointed by direct recruitment or by transfer, for a period of two years on duty within a continuous period of three years.
 6. *Reservation of appointment*:—The Rules regarding reservation of appointments (General Rules 14 to 17) of the Kerala State and Subordinate Service Rules, 1958 shall apply to all appointments by direct recruitment.
- Appointing Authority*:—The appointing Authority in respect of the various categories of posts included in these Rules shall be the Director, Ground Water Department, Government of Kerala, Thiruvananthapuram.

By order of the Governor,

N. V. MADHAVAN,
Secretary to Government.

Explanatory Note.

(This note is not part of the notification but is intended to indicate its general purport.)

The State Ground Water Department started functioning as an independent Department with effect from 1-1-1978 separating the former Ground Water Wing attached to the Agriculture Department. qualifications and method of appointment to the various posts in the Department were prescribed as per executive orders while those posts were under the Agriculture Department. Later they were made applicable to the posts in the new Ground Water Department also. So also a number of new posts were subsequently created in the Department. But no qualification and method of appointment have so far been prescribed. Government now proposes to prescribe qualification and method of appointment to various categories of posts mentioned in the notification. This notification is intended to achieve the above object.