

ANNUAL REPORT (2016-17)

OF

**UPPER INDRAVATI IRRIGATION
QUALITY CONTROL DIVISION
KHATIGUDA
DIST. NABARANGPUR**

**ANNUAL REPORT FOR 2016-17 OF UPPER INDRAVATI IRRIGATION QUALITY CONTROL
DIVISION, KHATIGUDA, NABARANGPUR**

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1. INTRODUCTION:

This Division looks after the Quality Control Aspects of works going on in Upper Indravati Irrigation Project, Upper Kolab Project, Potteru Irrigation Project, Telengiri Medium Irrigation Project and works of Minor Irrigation Division, Jeypore, Rayagada, Malkangiri and Nabarangpur.

After restructure, new Quality Control Divisions at Bariniput, Jeypore and Rayagada have been created and Executive Engineers have been posted. Hence, this Division will have jurisdiction of supervision of Quality Control Activities of Upper Indravati Irrigation Project only with two major projects i.e. (1) UIIP Mega Lift of Rs. 757.80 Crores and (2) Right Main Canal (RMC) Lining works of Rs. 319 Crores.

This Division is also looking after the maintenance works of Upper Indravati Irrigation Colony at Khatiguda. The UII Quality Control Laboratory at Khatiguda is under UII Quality Control Sub-Division No. I, Khatiguda of this Division. The tests of Soil samples, Cement and Concrete Cubes are conducted in this Laboratory as per the requisitions made by the Executive Engineers of UIIP, UKP, PIP, TMIP and MI Divisions of Jeypore and Nabarangpur.

2. Structure of Division

This Division has 4 (Four) Sub-Divisions i.e.

- (1) UII Quality Control Sub-Division No. I, Khatiguda, Nabarangpur (UIIQC Laboratory).
- (2) UII Quality Control Sub-Division No. II, Dharmagarh, Kalahandi. (Supervision of works of UILCD-II, Dharmagarh).
- (3) UII Quality Control Sub-Division No. III, Junagarh, Kalahandi (Supervision of works of UIRCD-II & III).
- (4) UII Quality Control Sub-Division No. IV, Mukhiguda, Kalahandi (Supervision of works of UIRCD-I).

The post of Sub-Divisional Officer of UII Quality Control Sub-Division No. II, Dharmagarh is lying vacant.

3. UII Quality Control Sub-Division No. I, Khatiguda, Nabarangpur.

Shri Saroj Kumar Sahu, Asst. Executive Engineer (Civil) is in-charge of this Sub-Division. This Sub-Division is entrusted with the maintenance of Irrigation Colony at Khatiguda and UII Quality Control Laboratory at Khatiguda.

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Staff position

- (i) Junior Engineer (Civil) is entrusted with the Colony Maintenance works. He is assisted by 53 Nos. of Work-charged staff for the maintenance of Water Supply System, Maintenance of Colony, Guest House and Rest Shed.
- (ii) **UII Quality Control Laboratory at Khatiguda Staff**
- (1) Bijaya Chandra Hial, Sr. Technical Assistant
(2) Nabin Chandra Disary, Technical Assistant
(3) Narayan Bisoi, Laboratory Attendant
(4) Work-charged staff engaged in Lab. Works
(i) Pradeep Kumar Acharya
(ii) Umesh Chandra Mohanty
(iii) Tankadhar Gouda
(iv) Damu Majhi
(v) Sudeshna Behera
(vi) G. Eswaramma
(5) Contingent Khalasi in lieu of Peon staff engaged in Lab. Works
(i) Maguni Charan Singh

Tests conducted in the UII Quality Control Laboratory

- (i) **Soil:** Proctor Compaction Test, Liquid Limit, Plastic Limit, Plasticity Index, Grainsize Analysis, Specific Gravity and Triaxial Shear Test.
- (ii) **Cement:** Soundness Test, Fineness of Cement, Consistency Test, Slump Test, Setting Time and Cube Testing.
- (iii) **Coarse Aggregate:** Flakiness, Elongation, Abrasion Value, Impact Value, Specific Gravity, Seive Analysis and Water Absorption.
- (iv) **Fine Aggregate:** Seive Analysis, Specific Gravity and Silt Content.

4. UII Quality Control Sub-Division No. II, Dharmagarh, Kalahandi.

Shri Saroj Kumar Sahu, Asst. Executive Engineer (Civil), Sub-Divisional Officer, UII Quality Control Sub-Division No. I, Khatiguda is in additional charge of this Sub-Division.

This Sub-Division has been entrusted with the supervision of ongoing civil works of U.I. Left Canal Division No. III, Dharmagarh on quality control aspect.

Staff

- (1) Gangadhar Sahu, Embankment Inspector

Requirement of staff

- (1) Technical Assistant - 1 No.
(2) Embankment Inspector - 1 No.
(3) Laboratory Attendant - 1 No.

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5. UII Quality Control Sub-Division No. III, Junagarh, Kalahandi.

Shri Ranjeet Kumar Karjee, AEE (Civil) is the Sub-Divisional Officer of UII Quality Control Sub-Division No. III, Junagarh.

This Sub-Division has been entrusted with the supervision of ongoing civil works of U.I. Right Canal Division No. II & III, Junagarh on quality control aspect.

Staff

Nil

Requirement of staff

- (1) Technical Assistant - 1 No.
- (2) Embankment Inspector - 1 No.
- (3) Asst. Embankment Inspector - 1 No.
- (4) Laboratory Attendant - 1 No.

6. UII Quality Control Sub-Division No. IV, Mukhiguda, Kalahandi.

Shri Krishna Kumar Sunani, AEE (Civil) is the Sub-Divisional Officer of UII Quality Control Sub-Division No. IV, Mukhiguda.

This Sub-Division at present looking after the ongoing civil engineering works of Telengiri Medium Irrigation Project and Upper Kolab Project.

Staff

- (1) Harish Chandra Sethia, Technical Assistant.
(Shri Sethia, TA has been entrusted with the works of "Lift Canal System of U.I. Irrigation Project under U.I. Left Canal Division No. II, Dharmagarh & Site work under U.I. Right Canal Division No. I, Mukhiguda".

The following 3 numbers of staff of this office is deputed to work as such under the control of Executive Engineer, Quality Control Division, U.K. Project, Bariniput, Dist. Koraput.

- (1) Biswanath Mishra, Technical Assistant.
- (2) Nagendra Nath Bisoi, Embankment Inspector.
- (3) Prafulla Kumar Panda, Asst. Embankment Inspector.

Requirement of staff

- (1) Technical Assistant - 1 No.
- (2) Embankment Inspector - 1 No.
- (3) Asst. Embankment Inspector - 1 No.

Executive Engineer
U.I. Irr. Quality Control Division
Khatiguda:Nabarangpur

STAFF POSITION OF UII QUALITY CONTROL DIVISION, KHATIGUDA, NABARANGPUR.

Name of the Post	Sanctioned Strength	Men in position	Vacancy
Executive Engineer (Civil)	1	1	0
Asst. Executive Engineer (Civil)	3	3	0
Asst. Engineer (Civil)	3	2	1
Junior Engineer (Civil)	1	1	0
Junior Clerk	2	2	0
Senior Technical Assistant	1	1	0
Technical Assistant	3	3	0
Embankment Inspector	3	2	1
Asst. Embankment Inspector	2	1	1
Laboratory Assistant	1	0	1
Laboratory Attendant	2	2	0
Junior Stenographer	1	1	0
Ferro Printer	1	1	0
Peon	7	7	0
Night Watchman-cum-Sweeper	1	1	0
Contingent Khalasi in lieu of Peon	3	3	0
Caretaker, Regular (Wages)	2	0	2
Khansama, Regular (Wages)	1	0	1
Cook Grade-III, Regular (Wages)	1	0	1
Room Attendant, Regular (Wages)	4	0	4
Contingent Khalasi (Wages)	3	3	0
Valve Man (Work-charged)	2	1	1
Mate (Work-charged)	7	7	0
Sweeper (Work-charged)	11	11	0
Watchman (Work-charged)	5	3	2
Khalasi (Work-charged)	28	27	1
Lady Attendant (Work-charged)	1	1	0
Helper (Work-charged)	3	3	0
Mali (Work-charged)	1	1	0
Junior Painter (Work-charged)	1	1	0
Helper Grade-I (Work-charged)	3	3	0
Work Sarkar (Work-charged)	1	1	0
Progress Recorder (Work-charged)	1	1	0
Mason (Work-charged)	2	2	0
Asst. Pump Driver (Work-charged)	3	2	1
Laboratory Attendant (Work-charged)	2	0	2
Jeep Driver (Work-charged)	1	1	0
Tractor Driver (Work-charged)	2	2	0
TOTAL:	120	101	19

Executive Engineer
U.I. Irr. Quality Control Division
Khatiguda:Nabarangpur

**ANNUAL REPORT OF UII QUALITY CONTROL DIVISION, KHATIGUDA, DIST. NABARANGPUR
FOR THE YEAR 2016-17**

Sl. No.	Name of the Division	No. of Sample received	No. of Sample tested	Pending	Remarks
1.	2.	3.	4.	5.	6.
1.	U.I. Left Canal Division No. I, Kusumkhunti, Kalahandi.	119	113	6	Under process
2.	U.I. Left Canal Division No. II, Dharmagarh, Kalahandi.	70	64	6	Under process
3.	U.I. Right Canal Division No. I, Mukhiguda, Kalahandi.	146	135	11	Under process
4.	U.I. Right Canal Division No. II, Junagarh, Kalahandi.	37	33	4	Under process
5.	U.I. Right Canal Division No. III, Junagarh, Kalahandi.	30	24	6	Under process
6.	U.K. Head Works Division, Kolabnagar, Koraput.	13	10	3	Due to non-receipt of Demand Draft towards Testing Charges, the Test Results have not been sent.
7.	U.K. Irrigation Division, Borigumma, Koraput.	54	50	4	
8.	Telengiri Head Works Division, Ambaguda, Koraput.	34	30	4	
9.	Telengiri Canal Division, Bariniput, Koraput.	82	73	9	
10.	Telengiri Canal Division No. II, Ambaguda, Koraput.	32	18	14	
11.	Minor Irr. Division, Nabarangpur.	215	200	15	Under process
	TOTAL:	832	750	72	Under process

Revenue collected towards testing charges for the period from April, 2016 to March, 2017 is Rs. 9,42,291.00 (Rupees Nine Lakh Forty Two Thousand Two Hundred Ninety One) only.

Executive Engineer
U.I. Irr. Quality Control Division
Khatiguda:Nabarangpur