



Pradhan Mantri Gram Sadak Yojana

Quality Control Register- Part 2

Record of Abstract of Tests & Non Conformance Reports

State:

District:

Programme Implementation Unit:

Package Number:

Name of Work:

Register From km. to km.

Total Volumes of this Register:

This Volume Number:

Prescribed By:

National Rural Roads Development Agency

(An Agency of the Ministry of Rural Development)

Government of India, New Delhi

National Rural Roads Development Agency
(An Agency of the Ministry of Rural Development)
Government of India, New Delhi

Quality Control Register Part 1

Record of Abstract of Tests & Non Conformance Reports

Contents

Description	Page
✍ Fly Sheet	3
✍ Quality Control Tests- Organogram	4
✍ Instructions for Maintaining Quality Control Registers	5
✍ Section 1 Earth Work	8
✍ Abstract of tests Conducted	9
✍ Quantities of Items, Frequencies of Tests and Number of Tests Required	11
✍ Non Conformance Reports for Earthwork	12
✍ Section 2 Granular Construction	32
✍ Abstract of tests Conducted	33
✍ Quantities of Items, Frequencies of Tests and Number of Tests Required	37
✍ Non Conformance Reports for Granular Construction	38
✍ Section 3 Bituminous Construction	59
✍ Abstract of tests Conducted	60
✍ Quantities of Items, Frequencies of Tests and Number of Tests Required	63
✍ Non Conformance Reports for Bituminous Construction	65

Quality Control Register Part 2

Record of Abstract of Tests & Non Conformance Reports Fly Sheet

State:

District:

Block:

Package Number:

Name of Road	:	
Length (km)	:	
Contract Amount (Rs.)	:	
Construction Contractor (Name & Address)	:	
Date of Commencement of Work	:	
Stipulated Date of Completion	:	
(a) As per Agreement	:	
(b) As Revised & Agreed	:	
Project Implementation Unit (Address)	:	
Laboratory Incharge (Name)	:	
This Register	:	From km. _____ to km. _____

Instructions for Maintaining Quality Control Registers

Rural Roads Manual, Special Publication 20, Indian Roads Congress, New Delhi 2002 Para 10.11 provides for recording of the Data in the prescribed forms; therefore, this Register will be maintained for each Road. The guidelines for maintenance of this Register are as follows:

1. The Quality Control Register will be maintained in **two Parts**. The **first Part** will be **Quality Control Register Record of Tests** and the **Second Part** will be the **Record of Abstract of Quality Control Tests and Non Conformance Report Register**.

- a. The first Part of the Register is the Register of all Quality Control Tests conducted by the person who is responsible for the basic Quality Control Testing; therefore, the first Part of the Register will be maintained by the person who is responsible for the basic Quality Control tests. If there is a provision of Quality Control by contractor in the Tender Document, the Quality Control Register will be issued to the contractor for every Road Work but if the responsibility of the basic Quality Control Tests is with the Department, the Register will be issued to the in charge officer of the basic Quality Control Testing of work not below the rank of Junior Engineer/sub Engineer.

This Register will always be available at the work site. If some tests are required to be conducted in the laboratory which is situated away from the work, the prescribed format of the test conducted will be duly fill up on a separate sheet and this sheet will be pasted on the space prescribed for that test but the register will not be taken away from the site in any case.

This Register contains forms for tests sufficient to accommodate quantities given in Appendix 12.2 of the Rural Roads Manual for a length of Road up to 3 km. If the quantities (ies) or the item(s) in the work are more, additional forms required as per the prescribed frequency may be added at the end of the Register and the corresponding entries should be done in the abstract. In case the quantities (ies) or the item(s) in the work are less, the forms may be left blank and the corresponding note may be recorded in the abstract. If the length of the Road is more then 3 km, additional Register(s) should be maintained. The first part of the Register will has following three Sections :

Section 1: Earthwork

Section 2: Granular construction

Section 3: Bituminous construction

- b. The Second Part of the Register is the Record of abstract of the Tests conducted and Non conformance reports; therefore, will be maintained by the site in charge officer not below the rank of Assistant Engineer.
If the test results do not confirm to the prescribed limits, a Nonconformance Report (NCR) in the Format Prescribed in this Register will be issued to the Contractor.
2. The Quality Control (QC) Register will be issued in the same manner as the Measurement Book is issued to the work. Every register should be page numbered and no page should be removed. The Register of issue of the Quality Control Register will be maintained by the Head of the PIU.
 3. In case of Hill Roads, where the work of formation cutting may be executed, all the tests shown in the Earthwork Section may not be required but the tests for CBR and Compaction will be required in such cases also, the formats will be left blank in such cases.
 4. How to Fill up Register Part 1:
 - a. **Filling up the Test Format-** Take sample as per specifications and complete the basic entries of the Register like Sample Number, Reference of Road/Section from where the sample has been taken etc. Subject the sample for testing and enter the Date of Testing and other relevant details at the prescribed places.
 - i. Enter the test Results at specified places and compare with the results with the prescribed limits. If the test results conform to the prescribed limits, the corresponding entry should be done and the work should be allowed to continue but if the results of the tests don't conform to the prescribed limits, the work should not be allowed to be continued and a Non Conformance Report (NCR) should be issued by the officer in-charge of the work.
 - ii. The compliance of the instructions given in the NCR should be ensured and again the test should be repeated. The work should be allowed to continue only after the Test results confirm to the prescribed limits.
 - b. **Filling up the Format of the Abstract of Tests Conducted –**
 - i. Column 1 to 5 are self explanatory.
 - ii. The reference of the page number of the Part two of the Register on which the office copy of the Non Conformance Report (NCR) is preserved should be entered along with the Date of issue of the NCR in the column number 6 of the abstract.
 - iii. The Date of compliance reported by the contractor should be entered in this column.
 - iv. The reference of the page number on which the repeat test (which qualifies) record is maintained should be given in this column.
 - v. The basic abstract of the Tests conducted will be maintained in the Part one of the Register but the copy of the abstract will also be maintained in Part two of the Register.

5. How to Fill up Register Part 2 Record of abstract of tests and Non Conformance Reports:

- a. **Filling up the Abstract of Tests Format-** Basic abstracts of the tests conducted will be maintained in the First Part of the register but the same abstract will also be maintained in Part two and it will be the Responsibility of officer incharge to update this abstract once in every week (Generally on every Saturday of the Week).
- b. **Issuance of Non Conformance Reports-** The Register contains one perforated copy of the NCR and one office copy, as soon as the incidence of non conformance of any test occurs, it will be the responsibility of the person responsible for the basic Quality Control Testing to inform to the officer in charge of the work. The officer in charge of the work will immediately issue a Non Conformance Report to the contractor and the office copy will be retained in this Register.

Thereafter, the Contractor needs to rectify the deficiencies and return the NCR after due compliance for approval/acceptance of the PIU.

Pradhan Mantri Gram Sadak Yojana

Quality Control Register-Part 2

Section -1 Earth Work

Quality Control Register Part 2
Record of Abstract of Tests and Non Conformance Reports: Section-1 Earthwork
Abstract of tests Conducted

Test No.	Name of Test	Test No.	Date of Test	Result, Qualified (Yes/No)	If No , Page No and Date of NCR	Page No & Date on which Test Qualified
1	2	3	4	5	6	8
EW-1	Soil gradation	Test 1				
		Test 2				
		Test 3				
		Test 4				
		Test 5				
		Test 6				
		Test 7				
		Test 8				
		Test 9				
EW-2	Atterberg limits	Test 1				
		Test 2				
		Test 3				
		Test 4				
		Test 5				
		Test 6				
		Test 7				
		Test 8				
		Test 9				
EW-3	Natural moisture content	Test Table				
EW-4	Proctor density	Test 1				
		Test 2				
		Test 3				
		Test 4				
		Test 5				
		Test 6				
		Test 7				
		Test 8				
		Test 9				
EW-5	CBR	Test 1				
		Test 2				
EW-(A)	Swelling Index	Test 1				
EW-6	Moisture Content at the time of Compaction	Test Table				

EW-7	Thickness	Test Table				
EW-8	Field density	Test 1				
Test No.	Name of Test	Test No.	Date of Test	Result, Qualified (Yes/No)	If No , Page No and Date of NCR	Page No & Date on which Test Qualified
1	2	3	4	5	6	7
		Test 2				
		Test 3				
		Test 4				
		Test 5				
		Test 6				
		Test 7				
		Test 8				
ALS-1	Horizontal alignment (Tests as Required)	Test Table				
ALS-2	Surface level(Tests as Required)	Test Table				
ALS-3	Surface regularity(Tests as Required)	Test Table				

Non-Conformance Report

1. Name of Road:

2. Location:

3. Description of Non-conformance
(Here describe the summary of the findings of those tests which outside the permissible/tolerance limits)

Received by: _____

Issued by: _____

(For Contractor)

(For PIU)

Date: _____

Date: _____

Compliance

1. Remedial action taken by the Contractor: (Indicate reference No. and date of contractor's letter. Also indicate action taken briefly)

2. Acceptance/Non-acceptance of Contractor's remedial action by the Project Implementation Unit (PIU) (with reasons for non-acceptance)

(Signature)
Head of PIU
Date

Non-Conformance Report

1. Name of Road :

2. Location :

3. Description of Non-conformance
(Here describe the summary of the findings of those tests which outside the permissible/tolerance limits)

4. Remedial action taken by the Contractor

5. Acceptance/Non-acceptance of Contractor's remedial action by the Project Implementation Unit (PIU) (with reasons for non-acceptance)

Received by: _____

Issues by: _____

(for Contractor)

(for PIU)

Date: _____

Date: _____

Non-Conformance Report

1. Name of Road :
2. Location :
3. Description of Non-conformance
(Here describe the summary of the findings of those tests which outside the permissible/tolerance limits)
4. Remedial action taken by the Contractor
5. Acceptance/Non-acceptance of Contractor's remedial action by the Project Implementation Unit (PIU) (with reasons for non-acceptance)

Received by: _____

Issues by: _____

(for Contractor)

(for PIU)

Date: _____

Date: _____

Non-Conformance Report

1. Name of Road :

2. Location :

3. Description of Non-conformance
(Here describe the summary of the findings of those tests which outside the permissible/tolerance limits)

4. Remedial action taken by the Contractor

5. Acceptance/Non-acceptance of Contractor's remedial action by the Project Implementation Unit (PIU) (with reasons for non-acceptance)

Received by: _____

Issues by: _____

(for Contractor)

(for PIU)

Date: _____

Date: _____

Non-Conformance Report

1. Name of Road :
2. Location :
3. Description of Non-conformance
(Here describe the summary of the findings of those tests which outside the permissible/tolerance limits)
4. Remedial action taken by the Contractor
5. Acceptance/Non-acceptance of Contractor's remedial action by the Project Implementation Unit (PIU) (with reasons for non-acceptance)

Received by: _____

Issues by: _____

(for Contractor)

(for PIU)

Date: _____

Date: _____

Non-Conformance Report

1. Name of Road :

2. Location :

3. Description of Non-conformance
(Here describe the summary of the findings of those tests which outside the permissible/tolerance limits)

4. Remedial action taken by the Contractor

5. Acceptance/Non-acceptance of Contractor's remedial action by the Project Implementation Unit (PIU) (with reasons for non-acceptance)

Received by: _____

Issues by: _____

(for Contractor)

(for PIU)

Date: _____

Date: _____

Non-Conformance Report

1. Name of Road :

2. Location :

3. Description of Non-conformance
(Here describe the summary of the findings of those tests which outside the permissible/tolerance limits)

4. Remedial action taken by the Contractor

5. Acceptance/Non-acceptance of Contractor's remedial action by the Project Implementation Unit (PIU) (with reasons for non-acceptance)

Received by: _____

Issues by: _____

(for Contractor)

(for PIU)

Date: _____

Date: _____

Non-Conformance Report

1. Name of Road :
2. Location :
3. Description of Non-conformance
(Here describe the summary of the findings of those tests which outside the permissible/tolerance limits)
4. Remedial action taken by the Contractor
5. Acceptance/Non-acceptance of Contractor's remedial action by the Project Implementation Unit (PIU) (with reasons for non-acceptance)

Received by: _____

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(for Contractor)

(for PIU)

Date: _____

Date: _____

Non-Conformance Report

1. Name of Road :

2. Location :

3. Description of Non-conformance
(Here describe the summary of the findings of those tests which outside the permissible/tolerance limits)

4. Remedial action taken by the Contractor

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Received by: _____

Issues by: _____

(for Contractor)

(for PIU)

Date: _____

Date: _____

Non-Conformance Report

1. Name of Road :
2. Location :
3. Description of Non-conformance
(Here describe the summary of the findings of those tests which outside the permissible/tolerance limits)
4. Remedial action taken by the Contractor
5. Acceptance/Non-acceptance of Contractor's remedial action by the Project Implementation Unit (PIU) (with reasons for non-acceptance)

Received by: _____

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(for Contractor)

(for PIU)

Date: _____

Date: _____

Non-Conformance Report

1. Name of Road :
2. Location :
3. Description of Non-conformance
(Here describe the summary of the findings of those tests which outside the permissible/tolerance limits)
4. Remedial action taken by the Contractor
5. Acceptance/Non-acceptance of Contractor's remedial action by the Project Implementation Unit (PIU) (with reasons for non-acceptance)

Received by: _____

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(for Contractor)

(for PIU)

Date: _____

Date: _____

Non-Conformance Report

1. Name of Road :
2. Location :
3. Description of Non-conformance
(Here describe the summary of the findings of those tests which outside the permissible/tolerance limits)
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Received by: _____

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(for Contractor)

(for PIU)

Date: _____

Date: _____

Non-Conformance Report

1. Name of Road :

2. Location :

3. Description of Non-conformance
(Here describe the summary of the findings of those tests which outside the permissible/tolerance limits)

4. Remedial action taken by the Contractor

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Received by: _____

Issues by: _____

(for Contractor)

(for PIU)

Date: _____

Date: _____

Non-Conformance Report

1. Name of Road :

2. Location :

3. Description of Non-conformance
(Here describe the summary of the findings of those tests which outside the permissible/tolerance limits)

4. Remedial action taken by the Contractor

5. Acceptance/Non-acceptance of Contractor's remedial action by the Project Implementation Unit (PIU) (with reasons for non-acceptance)

Received by: _____

Issues by: _____

(for Contractor)

(for PIU)

Date: _____

Date: _____

Non-Conformance Report

1. Name of Road :
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3. Description of Non-conformance
(Here describe the summary of the findings of those tests which outside the permissible/tolerance limits)
4. Remedial action taken by the Contractor
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Received by: _____

Issues by: _____

(for Contractor)

(for PIU)

Date: _____

Date: _____

Non-Conformance Report

1. Name of Road :
2. Location :
3. Description of Non-conformance
(Here describe the summary of the findings of those tests which outside the permissible/tolerance limits)
4. Remedial action taken by the Contractor
5. Acceptance/Non-acceptance of Contractor's remedial action by the Project Implementation Unit (PIU) (with reasons for non-acceptance)

Received by: _____

Issues by: _____

(for Contractor)

(for PIU)

Date: _____

Date: _____

Non-Conformance Report

1. Name of Road :
2. Location :
3. Description of Non-conformance
(Here describe the summary of the findings of those tests which outside the permissible/tolerance limits)
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Received by: _____

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(for Contractor)

(for PIU)

Date: _____

Date: _____

Non-Conformance Report

1. Name of Road :

2. Location :

3. Description of Non-conformance
(Here describe the summary of the findings of those tests which outside the permissible/tolerance limits)

4. Remedial action taken by the Contractor

5. Acceptance/Non-acceptance of Contractor's remedial action by the Project Implementation Unit (PIU) (with reasons for non-acceptance)

Received by: _____

Issues by: _____

(for Contractor)

(for PIU)

Date: _____

Date: _____

Non-Conformance Report

1. Name of Road :

2. Location :

3. Description of Non-conformance
(Here describe the summary of the findings of those tests which outside the permissible/tolerance limits)

4. Remedial action taken by the Contractor

5. Acceptance/Non-acceptance of Contractor's remedial action by the Project Implementation Unit (PIU) (with reasons for non-acceptance)

Received by: _____

Issues by: _____

(for Contractor)

(for PIU)

Date: _____

Date: _____

Non-Conformance Report

1. Name of Road :
2. Location :
3. Description of Non-conformance
(Here describe the summary of the findings of those tests which outside the permissible/tolerance limits)
4. Remedial action taken by the Contractor
5. Acceptance/Non-acceptance of Contractor's remedial action by the Project Implementation Unit (PIU) (with reasons for non-acceptance)

Received by: _____

Issues by: _____

(for Contractor)

Date: _____

(for PIU)

Date: _____

Pradhan Mantri Gram Sadak Yojana

Quality Control Register Part 2

Record of Abstract of Tests & Non Conformance Reports

Section-2 Granular Construction

Quality Control Register Part 2
Record of Tests Section 2 Granular Construction
Abstract of tests Conducted

Test No.	Name of Test	Test No.	Date of Test	Result Qualified/ Not Qualified	If No , Page No and Date of NCR	Page No & Date on which Test Qualified
1	2	3	4	5	6	7
Drainage Layer						
SB-1	Gradation Drainage Layer	Test 1				
		Test 2				
		Test 3				
		Test 4				
		Test 5				
		Test 6				
		Test 7				
		Test 8				
		Test 9				
		Test 10				
		Test 11				
		Test 12				
Granular Sub Base						
SB-1	Gradation G S B	Test 1				
		Test 2				
		Test 3				
		Test 4				
		Test 5				
		Test 6				
		Test 7				
		Test 8				
		Test 7				
		Test 8				
		Test 9				

		Test 10				
		Test 11				
		Test 12				
		Test 13				
		Test 14				
		Test 15				
		Test 16				
SB-2	Atterberg limits G S B	Test 1				
		Test 2				
		Test 3				
Test No.	Name of Test	Test No.	Date of Test	Result Qualified/ Not Qualified	If No , Page No and Date of NCR	Page No & Date on which Test Qualified
1	2	3	4	5	6	8
		Test 4				
		Test 5				
		Test 6				
		Test 7				
		Test 8				
		Test 9				
		Test 10				
		Test 11				
		Test 12				
		Test 13				
		Test 14				
		Test 15				
		Test 16				
SB-3	Moisture content	Test Table				
SB-4	Density of Compacted Layer					
SB-8	CBR Test G S B					
		Test 2				
SB-5	Thickness of Layer G S B	Test Table				
Base Course Water Bond Macadam						
GB-1	Aggregate Impact Value Grading-2	Test 1				
		Test 2				

		Test 3				
		Test 4				
		Test 5				
		Test 6				
		Test 7				
GB-2	Gradation WBM Grading-2	Test 1				
		Test 2				
		Test 3				
		Test 4				
Test No.	Name of Test	Test No.	Date of Test	Result Qualified/ Not Qualified	If No , Page No and Date of NCR	Page No & Date on which Test Qualified
1	2	3	4	5	6	8
		Test 5				
		Test 6				
		Test 7				
		Test 8				
		Test 9				
		Test 10				
		Test 11				
		Test 12				
		Test 13				
		Test 14				
GB 3	Flakiness Index WBM Grading-2	Test 1				
		Test 2				
		Test 3				
		Test 4				
		Test 5				
		Test 6				
		Test 7				
GB-4	Atterberg Limits Binding Material Grading 2	Test 1				
GB-6	Thickness of Layer	Test Table				
GB-1	Aggregate Impact Value Grading-3	Test 1				
		Test 2				
		Test 3				
		Test 4				
GB-2	Gradation WBM Grading-3	Test 1				
		Test 2				
		Test 3				

		Test 4				
		Test 5				
		Test 6				
		Test 7				
		Test 8				
GB 3	Flakiness Index WBM Grading-3	Test 1				
		Test 2				
		Test 3				
		Test 4				
Test No.	Name of Test	Conducted Test No.	Date of Test	Result Qualified/ Not Qualified	If No , Page No and Date of NCR	Page No & Date on which Test Qualified
1	2	3	4	5	6	8
GB-4	Atterberg Limits Binding Material Grading 3	Test 1				
GB-5	Water Absorption of Aggregate Grading 1 & 2	Test 1				
GB-6	Thickness of Layer	Test Table				

Non-Conformance Report

1. Name of Road :

2. Location :

3. Description of Non-conformance
(Here describe the summary of the findings of those tests which outside the permissible/tolerance limits)

4. Remedial action taken by the Contractor

5. Acceptance/Non-acceptance of Contractor's remedial action by the Project Implementation Unit (PIU) (with reasons for non-acceptance)

Received by: _____

(for Contractor)

Date: _____

Issues by: _____

(for PIU)

Date: _____

Non-Conformance Report

1. Name of Road :

2. Location :

3. Description of Non-conformance
(Here describe the summary of the findings of those tests which outside the permissible/tolerance limits)

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Date: _____

Non-Conformance Report

1. Name of Road :

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3. Description of Non-conformance
(Here describe the summary of the findings of those tests which outside the permissible/tolerance limits)

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Issues by: _____

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Date: _____

Non-Conformance Report

1. Name of Road :

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3. Description of Non-conformance
(Here describe the summary of the findings of those tests which outside the permissible/tolerance limits)

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5. Acceptance/Non-acceptance of Contractor's remedial action by the Project Implementation Unit (PIU) (with reasons for non-acceptance)

Received by: _____

(for Contractor)

Date: _____

Issues by: _____

(for PIU)

Date: _____

Non-Conformance Report

1. Name of Road :

2. Location :

3. Description of Non-conformance
(Here describe the summary of the findings of those tests which outside the permissible/tolerance limits)

4. Remedial action taken by the Contractor

5. Acceptance/Non-acceptance of Contractor's remedial action by the Project Implementation Unit (PIU) (with reasons for non-acceptance)

Received by: _____

(for Contractor)

Date: _____

Issues by: _____

(for PIU)

Date: _____

Non-Conformance Report

1. Name of Road :
2. Location :
3. Description of Non-conformance
(Here describe the summary of the findings of those tests which outside the permissible/tolerance limits)
4. Remedial action taken by the Contractor
5. Acceptance/Non-acceptance of Contractor's remedial action by the Project Implementation Unit (PIU) (with reasons for non-acceptance)

Received by: _____

(for Contractor)

Date: _____

Issues by: _____

(for PIU)

Date: _____

Non-Conformance Report

1. Name of Road :

2. Location :

3. Description of Non-conformance
(Here describe the summary of the findings of those tests which outside the permissible/tolerance limits)

4. Remedial action taken by the Contractor

5. Acceptance/Non-acceptance of Contractor's remedial action by the Project Implementation Unit (PIU) (with reasons for non-acceptance)

Received by: _____

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Date: _____

Issues by: _____

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Date: _____

Non-Conformance Report

1. Name of Road :

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3. Description of Non-conformance
(Here describe the summary of the findings of those tests which outside the permissible/tolerance limits)

4. Remedial action taken by the Contractor

5. Acceptance/Non-acceptance of Contractor's remedial action by the Project Implementation Unit (PIU) (with reasons for non-acceptance)

Received by: _____

(for Contractor)

Date: _____

Issues by: _____

(for PIU)

Date: _____

Non-Conformance Report

1. Name of Road :

2. Location :

3. Description of Non-conformance
(Here describe the summary of the findings of those tests which outside the permissible/tolerance limits)

4. Remedial action taken by the Contractor

5. Acceptance/Non-acceptance of Contractor's remedial action by the Project Implementation Unit (PIU) (with reasons for non-acceptance)

Received by: _____

(for Contractor)

Date: _____

Issues by: _____

(for PIU)

Date: _____

vvvv

Non-Conformance Report

1. Name of Road :

2. Location :

3. Description of Non-conformance
(Here describe the summary of the findings of those tests which outside the permissible/tolerance limits)

4. Remedial action taken by the Contractor

5. Acceptance/Non-acceptance of Contractor's remedial action by the Project Implementation Unit (PIU) (with reasons for non-acceptance)

Received by: _____

(for Contractor)

Date: _____

Issues by: _____

(for PIU)

Date: _____

Non-Conformance Report

1. Name of Road :
2. Location :
3. Description of Non-conformance
(Here describe the summary of the findings of those tests which outside the permissible/tolerance limits)
4. Remedial action taken by the Contractor
5. Acceptance/Non-acceptance of Contractor's remedial action by the Project Implementation Unit (PIU) (with reasons for non-acceptance)

Received by: _____

(for Contractor)

Date: _____

Issues by: _____

(for PIU)

Date: _____

Non-Conformance Report

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Pradhan Mantri Gram Sadak Yojana

Quality Control Register Part 2

Record of Abstract of Tests & Non Conformance Reports

Section 3 Bituminous Construction

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Record of Abstract of Tests & Non Conformance Reports:Section 3 Bituminous
Construction
Abstract of tests Conducted

Test No.	Name of Test	Conducted Test No.	Date of Test	Result, Qualified (Yes/No)	If No , Page No and Date of NCR	Page No & Date on which Test Qualified
1	2	3	4	5	6	7
BL-1	Quality of bitumen	Test 1				
BL-1 (J)	Sieve Test for Bitumen Emulsions	Test 1				
BL-1 (K)	Stability to Mixing with Course Aggregates on Bitumen Emulsions	Test 1				
BL-1 (L)	Viscosity of Bitumen Emulsions by Standard Saybolt-Furol Viscometer	Test 1				
BL-1 (M)	Storage Stability Test on Bitumen Emulsions	Test 1				
BL-1 (N)	Particle Charge of Bitumen Emulsions	Test 1				
BL-1 (O)	Miscibility of Bitumen Emulsions with Water	Test 1				
BL-1 (P)	Stability of Bitumen Emulsions with Cement	Test 1				
BL-3	Rate of spread of binder	Test 1				
BL-1	Quality of bitumen	Test 1				
		Test 2				
		Test 3				
BL-1(A)	Penetration	Test 1				
		Test 2				
		Test 3				
BL-1(B)	Ductility	Test 1				
		Test 2				
		Test 3				
BL-1(C)	Softening point	Test 1				
		Test 2				

		Test 3				
BL-1(D)	Specific gravity	Test 1				
		Test 2				
		Test 3				
BL-1(E)	Water content	Test 1				
		Test 2				
		Test 3				
BL-1(F)	Flash point	Test 1				
Test No.	Name of Test	Conducted Test No.	Date of Test	Result, Qualified (Yes/No)	If No , Page No and Date of NCR	Page No & Date on which Test Qualified
1	2	3	4	5	6	8
		Test 2				
		Test 3				
BL-1(G)	Viscosity	Test 1				
		Test 2				
		Test 3				
BL-1(H)	Loss on heating	Test 1				
		Test 2				
		Test 3				
BL-1(I)	Solubility (Trichloroethylene)	Test 1				
		Test 2				
		Test 3				
BL-1(Q)	Wax content	Test 1				
		Test 2				
		Test 3				
BL-2	Temperature of binder	Test 1				
		Test 2				
		Test 3				
BL-4	Aggregate Impact Value	Test 1				
		Test 2				
		Test 3				
BL-5	Flakiness Index	Test 1				
		Test 2				
BL-6	Stripping of Aggregate	Test 1				
BL-7	Water Absorption	Test 1				
BL-8	Grading of Aggregate	Test 1				
		Test 2				

		Test 3				
		Test 4				
		Test 5				
		Test 6				
		Test 7				
		Test 8				
BL-10	Thickness	Test Table.				
BL-13	Soundness	Test 1				
BL-14	Binder Content	Test 1				
Test No.	Name of Test	Conducted Test No.	Date of Test	Result, Qualified (Yes/No)	If No , Page No and Date of NCR	Page No & Date on which Test Qualified
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BL-3	Rate of Spread of Binder	Test Table				
BL-12	Rate of Spread of Aggregate	Test Table				

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