

Government of Jammu and Kashmir
Public Works (R&B) Department
Jammu/Srinagar

Quality Control Register Part-2

BRIDGEWORKS

Record of Abstract of Tests & Non-Conformance Report

Union Territory:

District:

Division:

Name of Work:

Quality Control Register Part 2

Record of Abstract of Tests

Union Territory/State:

District:

Division:

Name of the Bridge/Project	
Contract Amount (Rs.)	
Executing Agency (Name & Address)	
Date of Commencement of Work	
Stipulated Date of Completion (a) As per Agreement	
(b) As Revised & Agreed	
Project Implementation Unit (Address)	
Laboratory In-charge (Name)	

Instructions for Maintaining

QualityControl Registers

The guidelines formaintenanceofthisRegisterareasfollows:

1. The Quality Control Register will be maintained in **two Parts**. The**first Part** will be **Quality Control Register Record of Tests** and the **SecondPart**willbethe**RecordofAbstract ofQualityControlTestsandNon-ConformanceReportRegister**.

a) The first Part of the Register is the Register of all Quality Control Testsconducted by the person who is responsible for the basic Quality ControlTesting; therefore, the first Part of the Register will be maintained by theperson who is responsible for the basic Quality Control tests. If there is aprovision of Quality Control by contractor in the Tender Document, theQuality Control Register will beissued to the contractor for every RoadWork but if the responsibility of the basic Quality Control Tests is with theDepartment, the Register will be issued to the in charge officer of the basicQuality Control Testing of work not below the rank of Junior Engineer.

This Register will always be available at the work site. If sometests are required to be conducted in the laboratory which is situated awayfrom the work, the prescribedformat ofthe test conducted will bedulyfillup on a separate sheet and this sheet will be pasted on the space prescribedforthattestbuttheregisterwillnotbetakenawayfromthesiteinanycase.

This Register contains forms for tests sufficient to accommodate quantities for whole bridge, however at least 3 Number of prescribed tests must be conducted for each component of each storey. If the engineer in charge deems that more tests should be conducted, the discretion of same lies with the engineer in charge, not below the rank of Assistant Executive Engineer. In that case additional forms required as per the frequency may be added at the end of register

b) The Second Part of the Register is the Record of abstract of the TestsconductedandNon-Conformancereports;therefore,willbemaintainedbythesiteinchargeofficernotbelowtherankofAssis tantEngineer.

Ifthetestresultsdonotconformtotheprescribedlimits,aNon-ConformanceReport(NCR)intheFormatPrescribedinthisRegisterwillbeissuedtotheContractor.

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 Technical Officer of the PIU.

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

a) **Filling up the Abstract of Tests Format-** Basicabstractsofthetestsconducted will be maintained in the First Part of the register but the sameabstractwillalsobemaintainedinParttwoanditwillbetheResponsibilityofofficerin-chargeoutdatethisabstractonceineveryweek(Generally oneeverySaturdayoftheWeek).

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.

Quality Control Register Part-2

Record of abstract of tests and non-conformance reports

Abstract of tests conducted

Name of test	Test No	Date of Test	Result Qualified Yes/No.	If No, page no. & Date of NCR	Page No.of QCR PART-I & Date on which Test Qualified
1.Consistency of cement	1				
	2				
	3				
	4				
	5				
	-				
	-				
2.Fineness of Cement	1				
	2				
	3				
	4				
	5				
	-				
	-				
3.Soundness of Cement	1				
	2				
	3				
	4				
	5				
	-	5			

	-				
4.Initial & Final Setting Time of Cement	1				
	2				
	3				
	4				
	5				
	-				
	-				
5.Compressive Strength of Cement Cubes	1				
	2				
	3				
	4				
	5				
	-				
	-				
6 (a). Sieve Analysis of Coarse Aggregates for 40mm	1				
	2				
	3				
	4				
	5				
	-				
	-				
6 (b). Sieve Analysis of Coarse Aggregates for 20mm	1				
	2				
	3				

	4				
	5				
	-				
	-				
6 (c). Sieve Analysis of Coarse Aggregates for 10mm	1				
	2				
	3				
	4				
	5				
	-				
	-				
7.Sieve Analysis of Fine Aggregates	1				
	2				
	3				
	4				
	5				
	-				
	-				
8.Flakiness & Elongation Index	1				
	2				
	3				
	4				
	5				
	-				
	-				

9.Los Angles Abrasion ValueTest	1				
	2				
	3				
	4				
	5				
	-				
	-				
10.Aggregate Impact Value Test	1				
	2				
	3				
	4				
	5				
	-				
	-				
11.Silt Content of Fine Aggregates	1				
	2				
	3				
	4				
	5				
	-				
	-				
12.Compressive Strength of	1				
	2				
	3				
	4				

Concrete Cubes	5				
	-				
	-				
13. Steel Tests	1				
	2				
	3				
	4				
	5				
	-				
	-				

NON-CONFORMANCE REPORT

Name of Bridge/Project:

Location:

G.P.S Co-ordinates:

Description of Non-conformance:

(Here describe the summary of findings of those tests which are 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

Date-----

NON-CONFORMANCE REPORT

Name of Bridge/Project:

Location:

G.P.S Co-ordinates:

Description of Non-conformance:

(Here describe the summary of findings of those tests which are outside the permissible/
tolerance limits)

Received by:----- Issued by:-----

(for contractor)

(for PIU)

Date:-----Date:-----

COMPLIANCE

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

4. 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

Name of Bridge/Project:

Location:

G.P.S Co-ordinates:

Description of Non-conformance:

(Here describe the summary of findings of those tests which are outside the permissible/tolerance limits)

Received by:----- Issued by:-----

(for contractor)

(for PIU)

Date:-----Date:-----

COMPLIANCE

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

6. Acceptance/Non-acceptance of Contractor's remedial action by the project implementation unit (PIU) with reasons for non-acceptance

Date-----

NON-CONFORMANCE REPORT

Name of Bridge/Project:

Location:

G.P.S Co-ordinates:

Description of Non-conformance:

(Here describe the summary of findings of those tests which are outside the permissible/
tolerance limits)

Received by:----- Issued by:-----

(for contractor)

(for PIU)

Date:-----Date:-----

COMPLIANCE

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

8. 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

Name of Bridge/Project:

Location:

G.P.S Co-ordinates:

Description of Non-conformance:

(Here describe the summary of findings of those tests which are outside the permissible/
tolerance limits)

Received by:----- Issued by:-----

(for contractor)

(for PIU)

Date:-----Date:-----

COMPLIANCE

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

10. Acceptance/Non-acceptance of Contractor's remedial action by the project implementation unit (PIU) with reasons for non-acceptance

Signature

14

Head of PIU-----

Date-----

NON-CONFORMANCE REPORT

Name of Bridge/Project:

Location:

G.P.S Co-ordinates:

Description of Non-conformance:

(Here describe the summary of findings of those tests which are outside the permissible/
tolerance limits)

Received by:----- Issued by:-----

(for contractor)

(for PIU)

Date:-----Date:-----

COMPLIANCE

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

12. Acceptance/Non-acceptance of Contractor's remedial action by the project implementation unit
(PIU) with reasons for non-acceptance

Signature

15

Head of PIU-----

Date-----

NON-CONFORMANCE REPORT

Name of Bridge/Project:

Location:

G.P.S Co-ordinates:

Description of Non-conformance:

(Here describe the summary of findings of those tests which are outside the permissible/
tolerance limits)

Received by:----- Issued by:-----

(for contractor)

(for PIU)

Date:-----Date:-----

COMPLIANCE

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

14. Acceptance/Non-acceptance of Contractor's remedial action by the project implementation unit
(PIU) with reasons for non-acceptance

Signature

16

Head of PIU-----

Date-----

NON-CONFORMANCE REPORT

Name of Bridge/Project:

Location:

G.P.S Co-ordinates:

Description of Non-conformance:

(Here describe the summary of findings of those tests which are outside the permissible/
tolerance limits)

Received by:----- Issued by:-----

(for contractor)

(for PIU)

Date:-----Date:-----

COMPLIANCE

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

16. 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

Name of Bridge/Project:

Location:

G.P.S Co-ordinates:

Description of Non-conformance:

(Here describe the summary of findings of those tests which are outside the permissible/
tolerance limits)

Received by:----- Issued by:-----

(for contractor)

(for PIU)

Date:-----Date:-----

COMPLIANCE

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

18. 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

Name of Bridge/Project:

Location:

G.P.S Co-ordinates:

Description of Non-conformance:

(Here describe the summary of findings of those tests which are outside the permissible/
tolerance limits)

Received by:----- Issued by:-----

(for contractor)

(for PIU)

Date:-----Date:-----

COMPLIANCE

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

20. 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

Name of Bridge/Project:

Location:

G.P.S Co-ordinates:

Description of Non-conformance:

(Here describe the summary of findings of those tests which are outside the permissible/
tolerance limits)

Received by:----- Issued by:-----

(for contractor)

(for PIU)

Date:-----Date:-----

COMPLIANCE

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

22. 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

Name of Bridge/Project:

Location:

G.P.S Co-ordinates:

Description of Non-conformance:

(Here describe the summary of findings of those tests which are outside the permissible/
tolerance limits)

Received by:----- Issued by:-----

(for contractor)

(for PIU)

Date:-----Date:-----

COMPLIANCE

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

24. Acceptance/Non-acceptance of Contractor's remedial action by the project implementation unit
(PIU) with reasons for non-acceptance

Date-----

NON-CONFORMANCE REPORT

Name of Bridge/Project:

Location:

G.P.S Co-ordinates:

Description of Non-conformance:

(Here describe the summary of findings of those tests which are outside the permissible/
tolerance limits)

Received by:----- Issued by:-----

(for contractor)

(for PIU)

Date:-----Date:-----

COMPLIANCE

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

26. 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

Name of Bridge/Project:

Location:

G.P.S Co-ordinates:

Description of Non-conformance:

(Here describe the summary of findings of those tests which are outside the permissible/
tolerance limits)

Received by:----- Issued by:-----

(for contractor)

(for PIU)

Date:-----Date:-----

COMPLIANCE

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

28. 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

Name of Bridge/Project:

Location:

G.P.S Co-ordinates:

Description of Non-conformance:

(Here describe the summary of findings of those tests which are outside the permissible/
tolerance limits)

Received by:----- Issued by:-----

(for contractor)

(for PIU)

Date:-----Date:-----

COMPLIANCE

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

30. 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

Name of Bridge/Project:

Location:

G.P.S Co-ordinates:

Description of Non-conformance:

(Here describe the summary of findings of those tests which are outside the permissible/
tolerance limits)

Received by:----- Issued by:-----

(for contractor)

(for PIU)

Date:-----Date:-----

COMPLIANCE

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

32. 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

Name of Bridge/Project:

Location:

G.P.S Co-ordinates:

Description of Non-conformance:

(Here describe the summary of findings of those tests which are outside the permissible/
tolerance limits)

Received by:----- Issued by:-----

(for contractor)

(for PIU)

Date:-----Date:-----

COMPLIANCE

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

34. 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

Name of Bridge/Project:

Location:

G.P.S Co-ordinates:

Description of Non-conformance:

(Here describe the summary of findings of those tests which are outside the permissible/
tolerance limits)

Received by:----- Issued by:-----

(for contractor)

(for PIU)

Date:-----Date:-----

COMPLIANCE

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

36. 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

Name of Bridge/Project:

Location:

G.P.S Co-ordinates:

Description of Non-conformance:

(Here describe the summary of findings of those tests which are outside the permissible/
tolerance limits)

Received by:----- Issued by:-----

(for contractor)

(for PIU)

Date:-----Date:-----

COMPLIANCE

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

38. 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

Name of Bridge/Project:

Location:

G.P.S Co-ordinates:

Description of Non-conformance:

(Here describe the summary of findings of those tests which are outside the permissible/
tolerance limits)

Received by:----- Issued by:-----

(for contractor)

(for PIU)

Date:-----Date:-----

COMPLIANCE

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

40. 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

Name of Bridge/Project:

Location:

G.P.S Co-ordinates:

Description of Non-conformance:

(Here describe the summary of findings of those tests which are outside the permissible/
tolerance limits)

Received by:----- Issued by:-----

(for contractor)

(for PIU)

Date:-----Date:-----

COMPLIANCE

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

42. Acceptance/Non-acceptance of Contractor's remedial action by the project implementation unit
(PIU) with reasons for non-acceptance

Signature

Head of PIU-----

Date-----