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

Quality Control Register Part-2

BUILDING WORKS

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 Building/Project	
Contract Amount (Rs.)	
Function Access	
Executing Agency	
(Name & Address)	
Date of Commencement of	
Work	
Stipulated Date of Completion	
(a) As per Agreement	
(a) As per Agreement	
(b) As Davised & Assess	
(b) As Revised & Agreed	
Project Implementation Unit	
(Address)	
(Addiess)	
Laboratory In-charge	
, - 3-	
(Name)	
()	

Instructions for Maintaining Quality Control Registers

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.

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 for whole building, 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 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 conform to the prescribed limits, a Non-Conformance 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 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- 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 in-charge 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.

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				
	2				
	3				
	4				
1.Consistency of cement	5				
	-				
	-				
	1				
2.Fineness of Cement	2				
	3				
	4				
	5				
	-				
	-				
	1				
	2				
	3				
3.Soundness of Cement	4				
	5				
	3				
	-				
	-	5			

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

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

	2				
	3				
9.Los Angles Abrasion Value Test	4				
	5				
	-				
	-				
	1				
	2				
	3				
10.Aggregate Impact Value Test	4				
	5				
	-				
	-				
	1				
	2				
	3				
11.Silt Content of Fine Aggregates	4				
	5				
	-				
	-				
	1				
	2				
	3				
12.Compressive Strength of	4				
Concrete Cubes	5	8			
1		. 0	İ	1	I .

	-			
	-			
	1			
	2			
	3			
13.Brick Testing	4			
	5			
	-			
	-			
	1			
	2			
	3			
14. Flexural Strength of Tiles	4			
	5			
	-			
	-			
	1			
	2			
	3			
15. Compressive Strength of Tiles	4			
	5			
	-		 	
	-			
	1			
	2	9		
	<u>-</u>		 	

	3		
16. Steel Tests	4		
	5		
	-		
	-		

	Name of Building/Project:	
	Location:	
	G.P.S Co-ordinates:	
	Description of Non-conformance:	
	(Here describe the summary of findings of	f those tests which are outside the permissible/
	tolerance limits)	
	D : 11	
	Received by:	Issued by:
	(for contractor)	(for PIU)
	Date:	Date:
	COM	PLIANCE
1.	Remedial action taken by the contractor: (Indica Also indicate action taken briefly)	ate reference No. and date of contractor's letter.
2.	Acceptance/Non-acceptance of Contractor's rer (PIU) with reasons for non-acceptance	nedial action by the project implementation unit
		Signature
		11 Head of PIU

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Name of Building/Project:	
Location:	
G.P.S Co-ordinates:	
Description of Non-conformance:	
(Here describe the summary of findings of those tests which	n are outside the permissible/
tolerance limits)	
Received by:	Issued by:
·	
(for contractor)	(for PIU)
Date:	Date:
COMPLIANCE	
Remedial action taken by the contractor: (Indicate reference No. a Also indicate action taken briefly)	and date of contractor's letter.
Acceptance/Non-acceptance of Contractor's remedial action by the (PIU) with reasons for non-acceptance	ne project implementation unit

3.

Head of PIU
Date

Name of Building/Project:		
Location:		
G.P.S Co-ordinates:		
Description of Non-conformance:		
(Here describe the summary of findings of those tests whi	ich are outside the permissible/	
tolerance limits)		
Received by:	Issued by:	
(for contractor)	(for PIU)	
Date:	Date:	
COMPLIANCE		
Remedial action taken by the contractor: (Indicate reference No. and date of contractor's letter. Also indicate action taken briefly)		
Acceptance/Non-acceptance of Contractor's remedial action by (PIU) with reasons for non-acceptance	the project implementation unit	

5.

Head of PIU	-
Date	

Name of Building/Project:		
Location:		
G.P.S Co-ordinates:		
Description of Non-conformance:		
(Here describe the summary of findings of those tests wh	ich are outside the permissible/	
tolerance limits)		
Received by:	Issued by:	
(for contractor)	(for PIU)	
Date:	Date:	
COMPLIANCE		
Remedial action taken by the contractor: (Indicate reference No. and date of contractor's letter. Also indicate action taken briefly)		
Acceptance/Non-acceptance of Contractor's remedial action by (PIU) with reasons for non-acceptance	the project implementation unit	

7.

Head of PIU
Date

	Name of Building/Project:		
	Location:		
	G.P.S Co-ordinates:		
	Description of Non-conformance:		
	(Here describe the summary of findings of th	ose 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 r Also indicate action taken briefly)	eference No. and date of contractor's letter.	
10.	Acceptance/Non-acceptance of Contractor's remed (PIU) with reasons for non-acceptance	al action by the project implementation unit	

Head of PIU	
Date	

	Name of Building/Project:		
	Location:		
	G.P.S Co-ordinates:		
	Description of Non-conformance:		
	(Here describe the summary of findings of those tests w	hich are outside the permissible/	
	tolerance limits)		
	Received by:	Issued by:	
	·	·	
	(for contractor)	(for PIU)	
	Date:	Date:	
	COMPLIANCE		
11.	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 (PIU) with reasons for non-acceptance	by the project implementation unit	

Head of PIU	
Date	

	Name of Building/Project:		
	Location:		
	G.P.S Co-ordinates:		
	Description of Non-conformance:		
	(Here describe the summary of findings of the	nose tests which are outside the permissible/	
	tolerance limits)		
	Received by:	Issued by:	
		·	
	(for contractor)	(for PIU)	
	Date:	Date:	
	COMPL	IANCE	
13.	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 remed (PIU) with reasons for non-acceptance	dial action by the project implementation unit	

Head of PIU	
Date	

	Name of Building/Project:		
	Location:		
	G.P.S Co-ordinates:		
	Description of Non-conformance:		
	(Here describe the summary of findings o	f 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: (Indica Also indicate action taken briefly)	te reference No. and date of contractor's letter.	
16.	Acceptance/Non-acceptance of Contractor's ren (PIU) with reasons for non-acceptance	nedial action by the project implementation unit	

Head of PIU	
Date	

	Name of Building/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:	
	COMPLIAN	NCE	
17.	Remedial action taken by the contractor: (Indicate reference Also indicate action taken briefly)	erence No. and date of contractor's letter.	
18.	Acceptance/Non-acceptance of Contractor's remedial (PIU) with reasons for non-acceptance	action by the project implementation unit	

Head of PIU	
Date	

	Name of Building/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
	·	Issued by:
	(for contractor)	(for PIU)
	Date:	Date:
	COMP	PLIANCE
19.	Remedial action taken by the contractor: (Indica Also indicate action taken briefly)	te reference No. and date of contractor's letter.
20.	Acceptance/Non-acceptance of Contractor's rem (PIU) with reasons for non-acceptance	edial action by the project implementation unit

Head of PIU	
Date	

	Name of Building/Project:		
	Location:		
	G.P.S Co-ordinates:		
	Description of Non-conformance:		
	(Here describe the summary of findings of those tests where	nich 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 N Also indicate action taken briefly)	o. and date of contractor's letter.	
22	Acceptance/Non-acceptance of Contractor's remedial action by	y the project implementation unit	
22.	(PIU) with reasons for non-acceptance	y the project implementation unit	

Head of PIU	
Date	

	Name of Building/Project:		
	Location:		
	G.P.S Co-ordinates:		
	Description of Non-conformance:		
	(Here describe the summary of findings of those tests v	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 Also indicate action taken briefly)	No. and date of contractor's letter.	
24.	Acceptance/Non-acceptance of Contractor's remedial action (PIU) with reasons for non-acceptance	by the project implementation unit	

Head of PIU	
Date	

	HON COM ONLY	AITCL ILLI OILI
	Name of Building/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:
	COM	IPLIANCE
25.	Remedial action taken by the contractor: (India Also indicate action taken briefly)	cate reference No. and date of contractor's letter.
26.	Acceptance/Non-acceptance of Contractor's re (PIU) with reasons for non-acceptance	emedial action by the project implementation unit
		Signature
		23 Head of PIU
		Date

	Name of Building/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)	
	D : 11	T 11
	Received by:	Issued by:
	(for contractor)	(for PIU)
	Date:	Date:
		COMPLIANCE
27		
27.	Also indicate action taken by the contractor: (Indicate reference No. and date of contractor's letter.
	• /	
28.		's remedial action by the project implementation unit
	(PIU) with reasons for non-acceptance	
		Signature
		Head of PIU
		24 Date

	Name of Building/Project:	
	Location:	
	G.P.S Co-ordinates:	
	Description of Non-conformance:	
	(Here describe the summary of findings of	of those tests which are outside the permissible/
	tolerance limits)	
	Received by:	Issued by:
	(for contractor)	(for PIU)
	Date:	Date:
	COM	PLIANCE
29.	Remedial action taken by the contractor: (Indicate Also indicate action taken briefly)	ate reference No. and date of contractor's letter.
20	A	
30.	(PIU) with reasons for non-acceptance	medial action by the project implementation unit
		Signature
		Head of PIU
		25 Date

	Name of Building/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:
	COME	PLIANCE
31.	Remedial action taken by the contractor: (Indica Also indicate action taken briefly)	te reference No. and date of contractor's letter.
	Also findicate action taken offerry)	
32.	Acceptance/Non-acceptance of Contractor's rem (PIU) with reasons for non-acceptance	edial action by the project implementation unit
		Signature
		Head of PIU
		26 Date

	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:			
	COM	PLIANCE			
22					
33.	Remedial action taken by the contractor: (Indica Also indicate action taken briefly)	ite reference No. and date of contractor's letter.			
34.	Acceptance/Non-acceptance of Contractor's ren	nedial action by the project implementation unit			
34.	Acceptance/Non-acceptance of Contractor's ren (PIU) with reasons for non-acceptance	nedial action by the project implementation unit			
34.		nedial action by the project implementation unit			
34.		nedial action by the project implementation unit			
34.		nedial action by the project implementation unit			
34.		nedial action by the project implementation unit			
34.		nedial action by the project implementation unit			
34.		nedial action by the project implementation unit			
34.		nedial action by the project implementation unit Signature Head of PIU			

	Name of Building/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:			
	COMPL	IANCE			
35	Remedial action taken by the contractor: (Indicate	rafaranca No. and data of contractor's latter			
33.	Also indicate action taken briefly)	reference No. and date of contractor's letter.			
36.	Acceptance/Non-acceptance of Contractor's remed (PIU) with reasons for non-acceptance	ial action by the project implementation unit			
	(170) with reasons for non acceptance				
		Signature			
	28	Head of PIU Date			

	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:			
	\mathbf{c}	OMPLIANCE			
27	Daniel action telepoples the contraction (I				
37.	Also indicate action taken by the contractor: (If	ndicate reference No. and date of contractor's letter.			
38.	Acceptance/Non-acceptance of Contractor' (PIU) with reasons for non-acceptance	s remedial action by the project implementation unit			
	(110) with reasons for non-acceptance				
		Signature			
		Head of PIU			
		₂₉ Date			

	Name of Building/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)				
	Daggived by	Issued by:			
	Received by:				
	(for contractor)	(for PIU)			
	Date:	Date:			
	COM	PLIANCE			
20	Down Polostin tolera leader over the A. C. P.				
<i>3</i> 9.	Also indicate action taken by the contractor: (Indic	ate reference No. and date of contractor's letter.			
40.		medial action by the project implementation unit			
	(PIU) with reasons for non-acceptance				
		Signature			
		Head of PIU Date			
		30 Date			

	Name of Building/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)				
	Descional loss	Torre	11		
	Received by:	ISS	ued by:		
	(for contractor)	(for	PIU)		
	Date:	Da	te:		
	CO	OMPLIANCE			
41.	Remedial action taken by the contractor: (In Also indicate action taken briefly)	dicate reference No. and d	ate of contractor's letter.		
	• /				
42.	Acceptance/Non-acceptance of Contractor's	remedial action by the pro-	oject implementation unit		
	(PIU) with reasons for non-acceptance				
			Signature		
			Head of PIU		
		31	Date		