



STANDARD OPERATING PROCEDURE

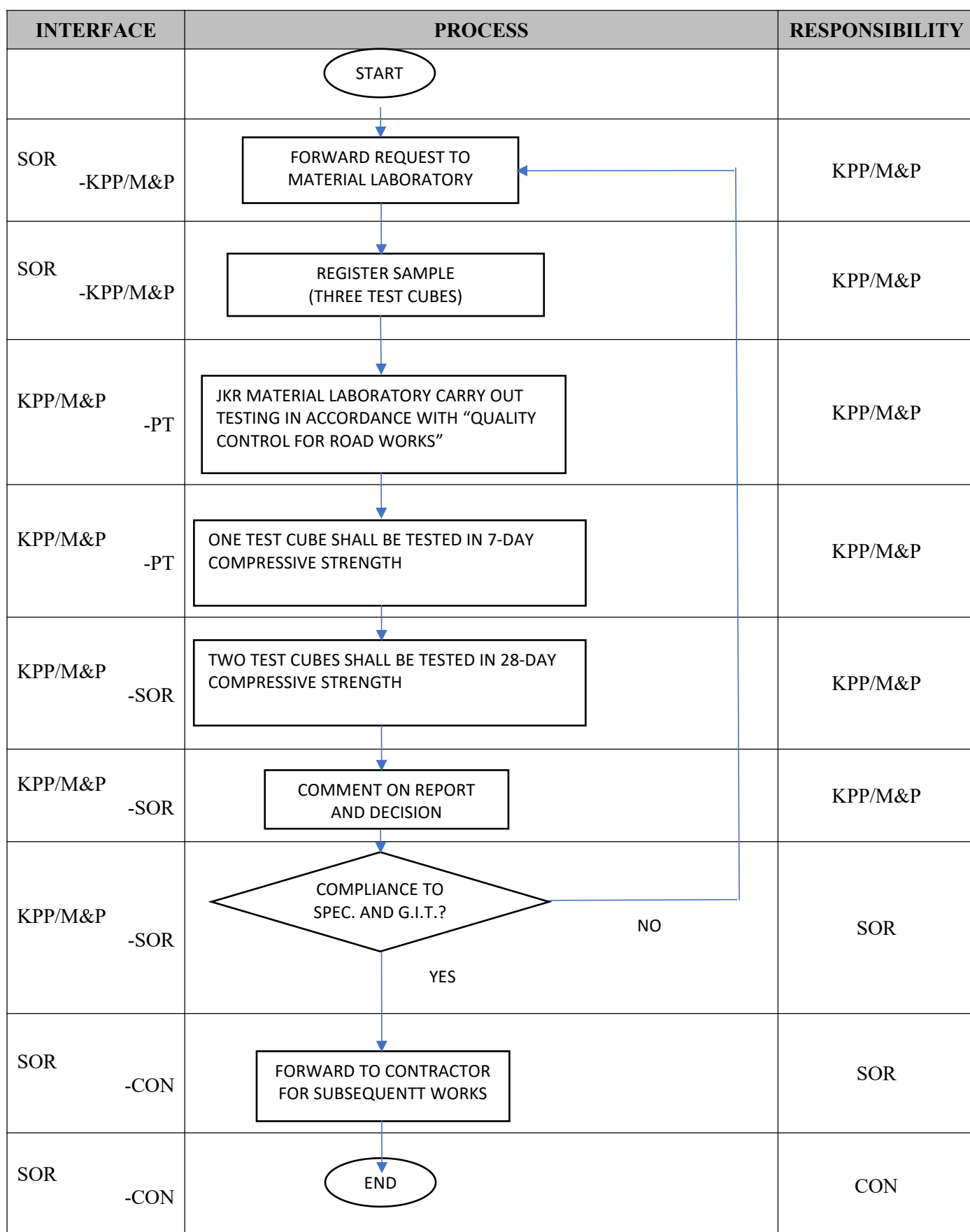
PRESCRIBED MIX (TEST CUBE)

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Tarikh:

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1.0 FLOW CHART OF DEPARTMENTAL PROCEDURE FOR “PRESCRIBED MIX”



2.0 STANDARD OPERATING PROCEDURE

INTERFACE	ACTION	RESPONSIBILITY
CON -SOR	1. Forward testing request to JKR Material and Laboratory. 2. SOR must state in the test requisition source of material and the specification used in the contract.	KPP/M&P
SOR -KPP/M&P	3. Receive and Register Sample (concrete cubes with nail marked only) and obtain detail information on the project name, concrete grade and the location for the concrete.	KPP/M&P
KPP/M&P -PT	4. JKR Material Laboratory carried out testing in accordance with specification's requirements.	KPP/M&P
KPP/M&P -PT	5. One test cube from each sample shall be tested for the 7 days compressive strength. 6. JKR lab shall initially inform test results through fax.	KPP/M&P
KPP/M&P -PT	7. The Remaining two test cubes from the sample shall be tested for the 28 days compressive strength. 8. JKR lab shall initially inform test results through fax. 9. The appropriate strength requirement shall be considered to be satisfied if at least one of the following is complied with: a) Spec 9.4.1.(i) b) Spec 9.4.1.(ii)	KPP/M&P
KPP/M&P -SOR	10. Comment on report and make decision on compliance of Spec.	SOR
SOR -CON	11. In the event that results of the test do not meet the specified requirement, take cored samples from the hardened concrete and carry out the compressive strength test.	CON
SOR -CON	12. If compliance with Spec. and G.I.T. Forward the decision to contractor to proceed with subsequence works.	SOR

3.0 DEFINITION

KPP/M&P	-	Ketua Penolong Pengarah/Makmal & Penyiasatan Tapak.
SOR	-	Superintending Officer Representative who can be KPP or Project Engineer or District Engineer or Consultant Engineer appointed by PKR to supervise the works.
CON	-	The contractor undertakes the works.
PT	-	Pembantu Teknik (Technical Assistant).
Lab	-	Private Laboratory.
Spec	-	Standard or General Specification of Road Works.

4.0 REFERENCES

- i. Quality Manual – Section 8.2.4 – Monitoring and Measurement of Product (MK/JKR?JLN/01)
- ii. Quality Procedure – Construction Supervision (PK/JLN(SELIA)/02)
- iii. Guideline for Inspection and Testing of Road Works (State)
- iv. Standard Specification for Road Works (Federal)
- v. Contract Document & Drawing