



STANDARD OPERATING PROCEDURE

LABORATORY TESTING

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Tarikh:

Item	Contents	Pages
1.0	Objective	3
2.0	Scope	3
3.0	Definition	3
4.0	Flow Chart Of Departmental Procedure for “Laboratory Testing”	4

1.0 REFERENCES

- a) General Specifications for Road Works – JKR Sabah State
- b) Standard Specification for Building Works 2014 – JKR Malaysia
- c) Standard Specification for Road Works (JKR/SPJ/1988, JKR/SPJ/2008) – JKR Malaysia.
- d) Guidelines for Supervision and Testing of Road Works
- e) BS1377 - Methods of test for Soils for Civil Engineering Purposes.
- f) American Association of State Highway and Transportation Officials Part 1 and Part 2.
- g) MS 30 – Methods of Testing Aggregates.
- h) MS 881
- i) AS1348 – Precast Concrete Drainage Pipes
- j) BS1881 – Testing of Concrete
- k) Mix Design Methods For Asphalt Concrete and other hot-mixed types.
- l) Materials Laboratory Test Card
- m) Materials Laboratory Test Form Manual.

2.0 STANDARD OPERATING PROCEDURE

- 1) Occasionally check equipment calibration due date.
- 2) Check sample for adequacy.
- 3) Select test procedure from relevant standard or test card.
- 4) Prepare and check test equipment.
- 5) Conduct test in accordance to the relevant standards and specification.
- 6) Compile laboratory test results.
- 7) Forward test results to KPP/M&P

3.0 APPENDIX

Flow Chart on the process of Laboratory Testing on Materials for Road Works.

**WORKS INSTRUCTION
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FLOW CHART FOR THE PROCESS OF LABORATORY TESTING

4.0

