**KINGDOM OF SAUDI ARABIA**
MINISTRY OF COMMUNICATIONS
MATERIALS AND RESEARCH
DEPARTMENT

## Los Angeles Abrasion

| | | |
|---|---|---|
| FIELD SAMPLE NO. | LAB SAMPLE NO. | PROJECT |
| DATE SAMPLED | DATE RECEIVED | ROAD NO. |
| SAMPLED BY | DATE TESTED | ROAD NAME |
| TITLE | TESTED BY | QUANTITY REPRESENTED |
| MATERIAL | TITLE | |

| Test Class | | | | A | B | C | D |
|---|---|---|---|---|---|---|---|
| Abrasive Charge (No. of Spheres) | | | | 12 | 11 | 8 | 6 |
| Sieves | | | | Sample Mass g | | | |
| Passing | | Retained | | | | | |
| mm | (alt.) | mm | (alt.) | | | | |
| 37.5 | (1 1/2 in.) | 25.0 | (1 in.) | 1250 | | | |
| 25.0 | (1 in.) | 19.0 | (3/4 in.) | 1250 | | | |
| 19.0 | (3/4 in.) | 12.5 | (1/2 in.) | 1250 | 2500 | | |
| 12.5 | (1/2 in.) | 9.5 | (3/8 in.) | 1250 | 2500 | | |
| 9.5 | (3/8 in.) | 6.35 | (1/4 in.) | | | 2500 | |
| 6.35 | (1/4 in.) | 4.75 | (No. 4) | | | 2500 | |
| 4.75 | (No. 4) | 2.36 | (No. 8) | | | | 5000 |
| TOTAL | | | | 5000 | 5000 | 5000 | 5000 |

Mass of Sample Before Test g = 5000

Mass of Sample Retained on 1.70 mm (No. 12) g = _____

Los Angeles Wear $\frac{5000 - \text{Mass Retained}}{5000} \times 100$ % = _____

Remarks

CHECKED BY: _____ TITLE _____ DATE _____

MATERIALS ENGINEER: _____ (CONSULTANT) ; _____ (CONTRACTOR)

RESIDENT ENGINEER:

DISTRIBUTION:

☐ CONTRACTOR ☐ MINISTRY

☐ RESIDENT ENGINEER ☐ OTHER (Specify) _____

Form No. MRDWS 309