

# OBSERVATION SHEET FOR DETERMINATION OF SPECIFIC GRAVITY COARSE AGGREGATE

**[As per IS 2386 (Part-3): 1963, RA 2021]**

**Lab Job No.:** \_\_\_\_\_

**DATE:** (i) Sample Received: \_\_\_\_\_

**Sample Code No:** \_\_\_\_\_

(ii) Sample Tested: \_\_\_\_\_

**Description of Sample:** \_\_\_\_\_

| Observation   | I | II | Average |
|---|---|----|---------|
| Weight of Saturated Specimen Basket in Water <b>A<sub>1</sub></b> (gms)                   |   |    |         |
| Weight of Basket <b>A<sub>2</sub></b> (gms)   |   |    |         |
| Weight of Saturated Specimen in Water <b>A</b> = (A <sub>1</sub> – A <sub>2</sub> ) (gms) |   |    |         |
| Weight of Saturated Surface Dried Specimen in Air <b>B</b> (gms)                          |   |    |         |
| Weight of oven dried specimen in air <b>C</b> (gms)                                       |   |    |         |
| 1. Specific gravity on Oven Dried basis = $\frac{C}{B - A}$                               |   |    |         |
| 2. Apparent Specific Gravity = $\frac{C}{C - A}$  |   |    |         |

**Tested by**

**Verified by**