



NUCLEAR CORRECTION FACTORS

CONTRACT NO. _____ PROJECT NO. _____ GAUGE TYPE AND MODEL _____ QA CONSULTANT _____
 PROJECT FROM _____ PROJECT TO _____ MATERIAL TYPE _____
 DATE TESTED _____ CONTRACTOR _____ PRIME CONSULTANT _____

NUCLEAR DENSITY

| | | | | | | | | | | | |
|---|----------|-------------------------------|--|--|--|--|--|--|--|--|--|
| A DENSITY MODE | | BS or DT 50, 100, 150, 200 mm | | | | | | | | | |
| B DENSITY STANDARD COUNT | | | | | | | | | | | |
| C DIRECT TRANSMISSION or BACKSCATTER DENSITY READINGS | COUNT #1 | | | | | | | | | | |
| | COUNT #2 | | | | | | | | | | |
| DENSITY COUNT RATIO AVE | | AVERAGE | | | | | | | | | |
| DENSITY COUNT RATIO AVE | | AVE (C) / B | | | | | | | | | |
| E NUCLEAR WET DENSITY | | kg/m ³ | | | | | | | | | |

DENSITY CORRECTION FACTOR

| | | | | | |
|---|--|------------------|--|-----------------------|--|
| F AVERAGE NUCLEAR WET DENSITY | | (AVERAGE OF E) | | kg/m ³ | |
| G AVERAGE BALLOON OR SAND METHOD OR CSBC CORE WET DENSITY OR AVERAGE ASPHALT CONCRETE CORE DRY DENSITY | | | | kg/m ³ | |
| H DENSITY CORRECTION FACTOR | | (G - F) | | +/- kg/m ³ | |

NUCLEAR MOISTURE

| | | | | | | | | | | | |
|---------------------------|----------|-------------------|--|--|--|--|--|--|--|--|--|
| I MOISTURE STANDARD COUNT | | | | | | | | | | | |
| J MOISTURE READINGS | COUNT #1 | | | | | | | | | | |
| | COUNT #2 | | | | | | | | | | |
| | AVERAGE | | | | | | | | | | |
| K MOISTURE COUNT RATIO | | AVE (J) / I | | | | | | | | | |
| L NUCLEAR MOISTURE | | kg/m ³ | | | | | | | | | |

MOISTURE CORRECTION FACTOR

| | | | | | |
|---|--|------------------|--|-------------------|--|
| M AVERAGE CORRECTED NUCLEAR WET DENSITY | | F + or - H | | kg/m ³ | |
| N AVERAGE NUCLEAR MOISTURE | | (AVERAGE OF L) | | kg/m ³ | |
| O AVERAGE OVEN DRY OR OPEN PAN MOISTURE CONTENT | | | | % | |
| P AVERAGE OVEN DRY OR OPEN PAN MOISTURE | | OM/(100 + O) | | kg/m ³ | |
| Q MOISTURE CORRECT FACTOR | | P - N | | kg/m ³ | |

REMARKS _____ TECHNOLOGISTS _____