I. CLASS 1 FIELD LABORATORIES SHALL CONSIST OF A WEATHERPROOF, INSULATED, TWO TELEPHONES. TWO PRIVATE LINES (LFB) WITH TOUCH TONE CODES SERIES, WITH FLOOR PLAN AND EQUIPMENT LAYOUT SIMILAR TO THE DRAWING BY THE TWO TELEPHONES. THE SECOND LINE SHALL BE SHARED BY A COMPUTER ON THIS SHEET. IT SHALL MEET OR EXCEED THE FOLLOWING REQUIREMENTS.

2. DIMENSIONS:
   - WATER TANK: 8 ft x 2 ft, equipped with a small clear glass window, equipped with horizontal push bar, the front, the deck, rails, and steps shall meet OSHA requirements.
   - ONE MOTOR DRIVEN SHAKER, INCLUDING:
     - ELECTRICAL OUTLET
     - DECK AND STEPS WITH ADEQUATE INSULATION UNDER THE FLOOR. FLOOR COVERING SHALL BE
     - ONE HUNDRED GALLON WATER CAPACITY, VENTED, WITH MEANS OF DETERMINING WATER LEVEL, WITH ONE PRESSURE PUMP, NON-ASPHALT CONTENT (AC) GAUGE.
     - HIGH ASPHALT CONTENT (AC) GAUGE.
     - ONE SAFETY SHIELD ON DRIVE BELT.
     - AN ADJUSTABLE TIMED-ON/OFF SWITCH LOCATED NEAR THE SHAKER.
     - THE BALANCE SHALL COMPLY WITH AASHTO M 231 IF A FORCED AIR OVEN IS REQUIRED, THE LOCATION WHERE THE OVEN IS PLACED SHALL NOT BE MORE THAN 24 INCHES OFF THE GROUND.
     - THE REQUIREMENTS LISTED HEREIN ARE INTENDED TO MEET THE NEEDS OF MATERIALS. THE CONTRACTOR MAY SUBSTITUTE CLASS 2 FIELD LABORATORY FOR CLASS 1 FIELD LABORATORY.

3. WATER SUPPLY:
   - ONE, 1,500 BTU MINIMUM.
   - TWO, EQUIPPED WITH DEADBOLT LOCKS, 36 IN. x 80 IN., INSULATED STEEL DOORS SHALL HAVE A SET OF STEPS WITH DECK, AND HANDRAILS. THE STEPS SHALL MEET OSHA REQUIREMENTS.

4. TELEPHONES:
   - TWO TELEPHONES, THE PRIVATE LINES (LFB) WITH TOUCH TONE CODES SERIES, WITH FLOOR PLAN AND EQUIPMENT LAYOUT SIMILAR TO THE DRAWING BY THE TWO TELEPHONES. THE SECOND LINE SHALL BE SHARED BY A COMPUTER.
   - FOUR DOORS EQUIPPED WITH HIGH SECURITY LOCKS. THE ENTRANCE DOOR SHALL HAVE AN APPROPRIATELY SIZED SECURITY SHIELD ON DRIVE BELT.

5. SECURITY:
   - SECURITY: ONE, 1,500 BTU MINIMUM.
   - SECURITY: ONE, TWO-DRAWER, LEGAL SIZE FILE CABINET BUILT INTO DESK OVER DESK AREA. TOP SHELF SHALL BE AT LEAST 14 IN. BELOW CEILING.
   - SECURITY: ONE HUNDRED GALLON WATER CAPACITY, VENTED, WITH MEANS OF DETERMINING WATER LEVEL, WITH ONE PRESSURE PUMP, NON-ASPHALT CONTENT (AC) GAUGE.

6. ELECTRONIC BALANCE: THE BALANCE SHALL BE EQUIPPED WITH A FLOOR RED ON/OFF PORT, AND A CALIBRATION SWITCH.

7. DIGITAL DISPLAY: THE BALANCE SHALL BE EQUIPPED WITH AN UNLIMITED WEIGHING RANGE AND A COPY OF THE OWNER'S MANUAL.

8. DIGITAL DISPLAY: THE BALANCE SHALL BE EQUIPPED WITH A FLOOR RED ON/OFF PORT, AND A CALIBRATION SWITCH.

9. DIGITAL DISPLAY: THE BALANCE SHALL BE EQUIPPED WITH A FLOOR RED ON/OFF PORT, AND A CALIBRATION SWITCH.

10. DIGITAL DISPLAY: THE BALANCE SHALL BE EQUIPPED WITH A FLOOR RED ON/OFF PORT, AND A CALIBRATION SWITCH.

11. DIGITAL DISPLAY: THE BALANCE SHALL BE EQUIPPED WITH A FLOOR RED ON/OFF PORT, AND A CALIBRATION SWITCH.

12. DIGITAL DISPLAY: THE BALANCE SHALL BE EQUIPPED WITH A FLOOR RED ON/OFF PORT, AND A CALIBRATION SWITCH.

13. DIGITAL DISPLAY: THE BALANCE SHALL BE EQUIPPED WITH A FLOOR RED ON/OFF PORT, AND A CALIBRATION SWITCH.

14. DIGITAL DISPLAY: THE BALANCE SHALL BE EQUIPPED WITH A FLOOR RED ON/OFF PORT, AND A CALIBRATION SWITCH.

15. DIGITAL DISPLAY: THE BALANCE SHALL BE EQUIPPED WITH A FLOOR RED ON/OFF PORT, AND A CALIBRATION SWITCH.

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29. DIGITAL DISPLAY: THE BALANCE SHALL BE EQUIPPED WITH A FLOOR RED ON/OFF PORT, AND A CALIBRATION SWITCH.

30. DIGITAL DISPLAY: THE BALANCE SHALL BE EQUIPPED WITH A FLOOR RED ON/OFF PORT, AND A CALIBRATION SWITCH.