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INFORMATION
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TABLE B–4 TO SUBPART B OF PART 53—LINE VOLTAGE AND ROOM TEMPERATURE TEST CONDITIONS

Test day	Line voltage,[1] rms	Room temperature,[2] °C	Comments
0	115	25	Initial set-up and adjustments.
1	125	20	
2	105	20	
3	125	30	Adjustments and/or periodic maintenance permitted at end of tests.
4	105	30	
5	125	20	
6	105	20	Adjustments and/or periodic maintenance permitted at end of tests.
7	125	30	Examine test results to ascertain if further testing is required.
8	105	30	
9	125	20	Adjustments and/or periodic maintenance permitted at end of tests.
10	105	20	
11	125	30	
12	105	30	Adjustments and/or periodic maintenance permitted at end of tests.
13	125	20	
14	105	20	
15	125	30	

[1] Voltage specified shall be controlled to ±1 volt.
[2] Temperatures shall be controlled to ±1 °C.

TABLE B–5 TO SUBPART B OF PART 53—SYMBOLS AND ABBREVIATIONS

B_L—Analyzer reading at the specified *LDL* test concentration for the *LDL* test.
B_Z—analyzer reading at 0 concentration for the *LDL* test.
DM—Digital meter.
C_{max}—Maximum analyzer reading during the 12*ZD* test period.
C_{min}—Minimum analyzer reading during the 12*ZD* test period.
i—Subscript indicating the *i*-th quantity in a series.
IE—Interference equivalent.
L_1—First analyzer zero reading for the 24*ZD* test.
L_2—Second analyzer zero reading for the 24*ZD* test.
n—Subscript indicating the test day number.
P—Analyzer reading for the span drift and precision tests.
P_i—The *i*-th analyzer reading for the span drift and precision tests.
P_{20}—Precision at 20 percent of URL.
P_{80}—Precision at 80 percent of URL.
ppb—Parts per billion of pollutant gas (usually in air), by volume.
ppm—Parts per million of pollutant gas (usually in air), by volume.
R—Analyzer reading of pollutant alone for the *IE* test.
R_1—Analyzer reading with interferent added for the *IE* test.
r_i—the *i*-th analyzer or DM reading for the noise test.
S—Standard deviation of the noise test readings.
S_0—Noise value (*S*) measured at 0 concentration.
S_{80}—Noise value (*S*) measured at 80 percent of the URL.
S_n—Average of P_7 . . . P_{12} for the n-th test day of the SD test.
S'_n—Adjusted span reading on the *n*-th test day.
SD—Span drift
URL—Upper range limit of the analyzer's measurement range.
Z—Average of L_1 and L_2 readings for the 24ZD test.
Z_n—Average of L_1 and L_2 readings on the *n*-th test day for the 24ZD test.
Z'_n—Adjusted analyzer zero reading on the *n*-the test day for the 24ZD test.
ZD—Zero drift.
12*ZD*—12-hour zero drift.
24*ZD*—24-hour zero drift.