

Ag 115

STATE OF WISCONSIN)
STATE DEPARTMENT OF AGRICULTURE) SS

TO ALL TO WHOM THESE PRESENTS SHALL COME, GREETING:

I, D. N. McDowell, Director of the State Department of Agriculture, and custodian of the official records of said department, do hereby certify that the annexed rules relating to liquefied petroleum gas (Wis. Adm. Code ch. Ag 115) were duly adopted by this department on March 2, 1960.

I further certify that said copy has been compared by me with the original on file in this department and that the same is a true copy thereof, and of the whole of such original.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the official seal of the department at the Capitol, in the city of Madison, this 2nd day of March, A. D. 1960.

D. N. McDowell
Director

Docket No. 582.

ORDER OF THE STATE DEPARTMENT OF AGRICULTURE
ADOPTING RULES

Pursuant to authority vested in the State Department of Agriculture by sections 93.07 (1) and 98.245, Wis. Stats., the State Department of Agriculture hereby adopts rules as follows:

Chapter Ag 115 of the Wisconsin administrative code is adopted to read:

Chapter Ag 115

LIQUEFIED PETROLEUM GAS

Ag 115.01 Thermometer and thermometer well specifications.

(1) Every meter used for the liquid measurement of liquefied petroleum gas sold or delivered to consumers shall be equipped with a thermometer well. The well shall extend into the flowing liquid either in the liquid chamber of the meter or in the meter inlet or discharge line immediately adjacent to the meter.

(2) The thermometer well shall be constructed so as to permit insertion of a mercury in glass Fahrenheit thermometer which has one-degree graduations, spaced at least 0.04 inch apart.

Ag 115.02 Manual volume correction. (1) When liquefied petroleum

gas is sold or delivered to consumers by liquid measurement through use of a liquid meter that is not equipped with an automatic temperature compensating mechanism, then its volume shall be corrected to a temperature of 60° F. through use of the volume correction factor table set forth in sub. (2). To correct measured volume to volume at 60° F., determine the temperature of the liquid after midpoint in the delivery from the thermometer referred to in section Ag 115.01, find the observed temperature in the temperature column in the table, refer to the appropriate column for the product delivered, read the volume conversion factor opposite the observed temperature, and multiply the volume delivered as indicated by the meter by the factor to obtain the volume at 60° F.

(2) Volume correction factor table.

<u>Temperature</u>	<u>Propane</u>	<u>Butane</u>	<u>Temperature</u>	<u>Propane</u>	<u>Butane</u>
-20	1.115	1.080	-6	1.096	1.067
-19	1.113	1.079	-5	1.094	1.066
-18	1.112	1.078	-4	1.092	1.065
-17	1.111	1.077	-3	1.091	1.065
-16	1.110	1.076	-2	1.090	1.064
-15	1.109	1.075	-1	1.089	1.063
-14	1.108	1.074	0	1.088	1.062
-13	1.107	1.073	1	1.087	1.061
-12	1.105	1.072	2	1.086	1.060
-11	1.103	1.071	3	1.084	1.059
-10	1.102	1.071	4	1.083	1.058
-9	1.101	1.070	5	1.081	1.057
-8	1.100	1.069	6	1.080	1.055
-7	1.098	1.068	7	1.079	1.054

<u>Temperature</u>	<u>Propane</u>	<u>Butane</u>	<u>Temperature</u>	<u>Propane</u>	<u>Butane</u>
8	1.078	1.053	33	1.042	1.029
9	1.076	1.052	34	1.041	1.028
10	1.075	1.051	35	1.039	1.026
11	1.073	1.050	36	1.038	1.025
12	1.072	1.049	37	1.036	1.024
13	1.071	1.048	38	1.035	1.023
14	1.070	1.047	39	1.033	1.022
15	1.068	1.046	40	1.032	1.021
16	1.067	1.045	41	1.030	1.020
17	1.066	1.044	42	1.029	1.019
18	1.065	1.043	43	1.027	1.018
19	1.063	1.042	44	1.026	1.017
20	1.062	1.041	45	1.024	1.016
21	1.060	1.040	46	1.022	1.015
22	1.059	1.039	47	1.020	1.014
23	1.057	1.038	48	1.019	1.013
24	1.056	1.037	49	1.017	1.012
25	1.054	1.036	50	1.016	1.011
26	1.053	1.036	51	1.014	1.010
27	1.051	1.035	52	1.013	1.009
28	1.050	1.034	53	1.011	1.007
29	1.048	1.033	54	1.010	1.006
30	1.047	1.032	55	1.008	1.005
31	1.045	1.031	56	1.007	1.004
32	1.044	1.030	57	1.005	1.003

<u>Temperature</u>	<u>Propane</u>	<u>Butane</u>	<u>Temperature</u>	<u>Propane</u>	<u>Butane</u>
58	1.003	1.002	80	.967	.978
59	1.001	1.001	81	.965	.977
60	1.000	1.000	82	.963	.976
61	.998	.999	83	.961	.975
62	.997	.998	84	.959	.974
63	.995	.997	85	.957	.972
64	.993	.996	86	.956	.971
65	.991	.994	87	.954	.970
66	.990	.993	88	.952	.969
67	.988	.992	89	.950	.968
68	.986	.991	90	.949	.967
69	.984	.990	91	.947	.966
70	.983	.989	92	.945	.965
71	.981	.988	93	.943	.963
72	.980	.987	94	.941	.962
73	.978	.986	95	.939	.961
74	.976	.985	96	.938	.960
75	.974	.983	97	.936	.958
76	.973	.982	98	.934	.957
77	.971	.981	99	.932	.956
78	.970	.980	100	.930	.955
79	.968	.979			

Ag 115.03 Sales tickets. (1) When delivery of liquefied petroleum gas is made through a liquid meter equipped with an automatic temperature compensating mechanism, the word "gallon" or any abbreviation thereof shall not appear alone

on the sales ticket but shall be immediately preceded or followed by the words "automatically corrected to 60° F." in the same size and style of type.

(2) When delivery of liquefied petroleum gas is made through a liquid meter not equipped with an automatic temperature compensating mechanism, the sales ticket shall show the delivered gallons, the temperature of the liquid at the time of delivery, the volume correction factor, and the corrected gallonage. Wherever a statement of corrected gallonage appears on the sales ticket the words "corrected to 60° F." shall appear immediately adjacent thereto.

Ag 115.04 This chapter shall not apply to unit sales or deliveries made direct to mobile fuel tanks consisting of less than 100 gallons.

The rules contained herein shall take effect April 1, 1960.

Dated: March 2, 1960.

STATE DEPARTMENT OF AGRICULTURE

By /s/ D. N. McDowell
Director