



PEP TEST RESULTS



APPENDIX A PEP TEST RESULTS

Part 1 | INITIAL PEP TEST RESULTS

	Date of Installation	Serial Number	Reference Pressure (psi)	Temperature of the Filtrate (°F or °C)	Filtrate Flow Rate (gpm)	Appropriate CORRECTION Factor ⁽²⁾	CORRECTED Flow Rate of Filtrate (gpm)	A Optimal Performance Index (100%) (Filtrate Flow Rate / gpm)
Membrane No. 1								
Membrane No. 2								

IMPORTANT | This **Initial PEP Test** should be done at the beginning of the season, after approximately 8 hours of cumulative use of new membranes and a rinse.

Part 2 | COMPARATIVE PEP TEST RESULTS

Date	Pressure (psi) ⁽¹⁾	Temperature of the Filtrate (°F or °C)	Filtrate Flow Rate (gpm)	Appropriate CORRECTION Factor ⁽²⁾	B CORRECTED Flow Rate of Filtrate (gpm)	Percentage (%) deviation from the Optimal Performance Index (100%) [Formula: $100 - ((\text{B} / \text{A}) \times 100)$] If > 15% = WASHING ⁽³⁾	Notes

(1) For the Comparative PEP Test to be valid, this PRESSURE must be the same as the REFERENCE PRESSURE of the Initial PEP Test (*Part 1, Column 4*).

(2) See *Appendix B* for the appropriate CORRECTION FACTOR by TEMPERATURE OF THE FILTRATE. We recommend that you use a copy of *Appendix B*.

(3) If a drop in FILTRATE FLOW RATE of more than 15% is noted, a chemical wash is required.



APPENDIX A PEP test results (continued)

Part 2 | COMPARATIVE PEP TEST RESULTS

Date	Pressure (psi) ⁽¹⁾	Temperature of the Filtrate (°F or °C)	Filtrate Flow Rate (gpm)	Appropriate CORRECTION Factor ⁽²⁾	B CORRECTED Flow Rate of Filtrate (gpm)	Percentage (%) deviation from the Optimal Performance Index (100%) [Formula: $100 - ((B/A) \times 100)$] If > 15% = WASHING ⁽³⁾	Notes

APPENDIX A PEP test results (continued)

Part 2 | COMPARATIVE PEP TEST RESULTS

Date	Pressure (psi) ⁽¹⁾	Temperature of the Filtrate (°F or °C)	Filtrate Flow Rate (gpm)	Appropriate CORRECTION Factor ⁽²⁾	B CORRECTED Flow Rate of Filtrate (gpm)	Percentage (%) deviation from the Optimal Performance Index (100%) [Formula: 100 - ((B / A) x 100)] If > 15% = WASHING ⁽³⁾	Notes

APPENDIX B CORRECTION FACTORS FOR FILTRATE TEMPERATURE

The **correction factors** in this table will be useful in calculating the **CORRECTED FLOW RATE OF FILTRATE** required in *Parts 1 and 2 of Appendix A*.

Please use the **APPROPRIATE CORRECTION FACTOR** for the **TEMPERATURE OF THE FILTRATE** found in *Appendix A*.



Temperature °C	Temperature °F	Correction factor
0	32.0	0.672
1	33.8	0.695
2	35.6	0.719
3	37.4	0.742
4	39.2	0.766
5	41.0	0.790
6	42.8	0.816
7	44.6	0.842
8	46.4	0.866
9	48.2	0.893
10	50.0	0.919
11	51.8	0.946
12	53.6	0.973

Temperature °C	Temperature °F	Correction factor
13	55.4	1.000
14	57.2	1.028
15	59.0	1.055
16	60.8	1.084
17	62.6	1.112
18	64.4	1.142
19	66.2	1.170
20	68.0	1.200
21	69.8	1.229
22	71.6	1.259
23	73.4	1.289
24	75.2	1.319
25	77.0	1.350



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