

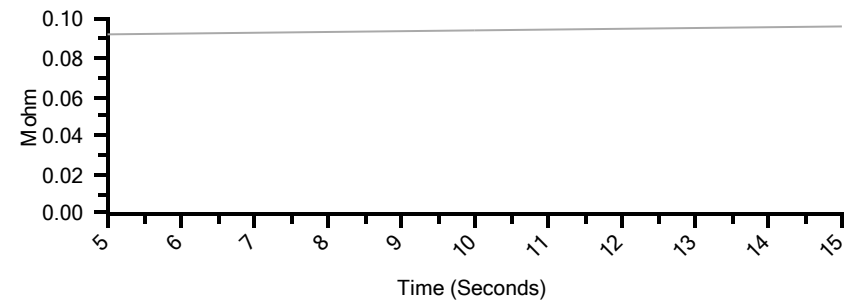
**Report Title** Annual Motor Diagnostics Report  
**Submitted By** Chris Senter  
**Create Date** 07/24/21 10:43 AM  
**Asset Name** Dry Zone Circ. Fan  
**Description** USG



**Date: 07/20/21 1:25 PM**Dated Test Event

Test Date	08/05/19	08/01/20	07/20/21	07/20/21
Test Time	9:52 AM	12:41 PM	1:16 PM	1:25 PM
Test Location	Not Assigned	Motor Leads	Motor Leads	Not Assigned
Tester Serial	5095	5095	5095	5095
MTap ID				
	Baseline			
Frequency	1200	1200	1200	1200
Charge Time	600	600	600	60
Voltage	2500	2500	5000	2500
Motor Temp	40	26	31	40
Measured Mohm	23.16	16.78	0.00	0.09
Corrected Mohm	23.16	6.40	N/C	N/C
pF Ph 1 to Ground	191600	170200	198400	198500
ohm Ph 1 to 2	0.18600	0.18580	0.18570	0.18570
ohm Ph 2 to 3	0.18590	0.18580	0.18550	0.18540
ohm Ph 3 to 1	0.18600	0.18580	0.18550	0.18540
mH Ph 1 to 2	29.881	29.807	29.416	29.534
mH Ph 2 to 3	28.449	29.459	29.988	30.133
mH Ph 3 to 1	28.676	26.784	26.831	26.974
Average Inductance	28.335	26.684	26.744	26.880
% Res. Imbalance	0.04	0.07	0.07	0.11
% Ind. Imbalance	6.66	6.64	6.67	6.60

**Test: Polarization Index Test**



**Date: 07/20/21 1:33 PM**Dated Test Event

Test Date	08/05/19	07/20/21	07/20/21	07/20/21
Test Time	9:52 AM	1:30 PM	1:32 PM	1:33 PM
Test Location	Not Assigned	Not Assigned	Not Assigned	Not Assigned
Tester Serial	5095	5095	5095	5095
MTap ID				
	Baseline			
Voltage	2500	2500	250	2500
Duration	600	15	15	15
D/A Ratio	1.238	N/C	N/C	N/C
Polar. Index	1.841	N/C	N/C	N/C

**Remarks:**

The motor has changed very little since last years test as you can see. Although the motor would not take a Mohm test we kow its because the motor hasnt been run in 3 day and between the rain and humidity all this combined is the reason for Mohm test failure. For now this motor is in satisfactory condition retest next year.