

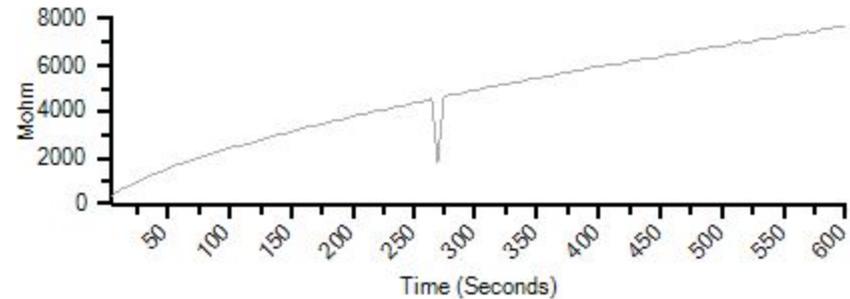
**Report Title** 2022 Motor PDMA MCE Test Report  
**Submitted By** Administrator  
**Create Date** 08/11/22 2:03 PM  
**Asset Name** Wet Zone Circ. Fan  
**Description** USG Greenville, MS



**Date: 08/06/22 9:42 AM Dated Test Event**

Test Date	08/05/19	08/01/20	07/20/21	08/06/22
Test Time	8:45 AM	12:09 PM	12:45 PM	9:42 AM
Test Location	Not Assigned	Motor Leads	Motor Leads	Motor Leads
Tester Serial	5095	5095	5095	5095
MTap ID				
	Baseline			
Frequency	1200	1200	1200	1200
Charge Time	600	600	600	600
Voltage	2500	2500	5000	5000
Motor Temp	40	24	25	55
Measured Mohm	2787.65	2248.92	N/T	1674.89
Corrected Mohm	2787.65	740.00	N/T	4700.00
pF Ph 1 to Ground	115000	185100	385500	121300
ohm Ph 1 to 2	0.18740	0.18900	0.18910	0.21350
ohm Ph 2 to 3	0.18770	0.18830	0.18850	0.21300
ohm Ph 3 to 1	0.18770	0.18890	0.18910	0.21340
mH Ph 1 to 2	38.961	38.078	37.875	37.541
mH Ph 2 to 3	39.511	38.875	40.297	39.344
mH Ph 3 to 1	38.785	40.908	40.421	38.682
Average Inductance	38.419	39.287	39.531	37.849
% Res. Imbalance	0.11	0.23	0.21	0.14
% Ind. Imbalance	3.79	4.13	4.18	3.95

**Date: 08/06/22 9:42 AM Test: Polarization Index Test**



**Date: 08/06/22 9:42 AM Dated Test Event**

Test Date	08/05/19	08/01/20	07/20/21	08/06/22
Test Time	8:45 AM	12:09 PM	12:51 PM	9:42 AM
Test Location	Not Assigned	Motor Leads	Not Assigned	Motor Leads
Tester Serial	5095	5095	5095	5095
MTap ID				
	Baseline			
Voltage	2500	2500	2500	5000
Duration	600	600	600	600
D/A Ratio	1.182	1.508	1.395	1.600
Polar. Index	1.253	2.144	1.537	4.581

**Remarks:** Everything looks OK except for the Polarization Index Test. The PI graph shows a dip at about halfway through the test. This may indicate some type of contamination or moisture in stator.