

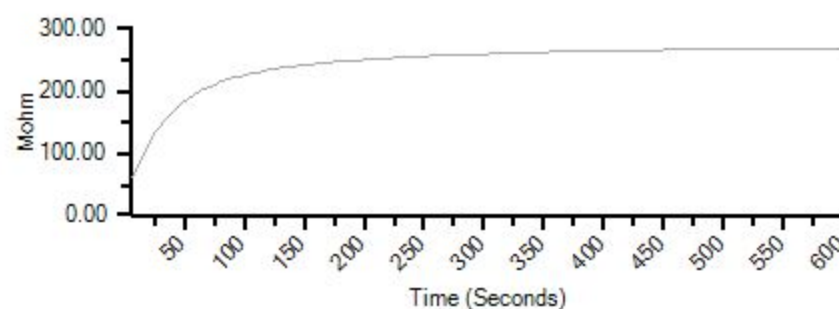
Report Title 2022 PDMA Motor MCE Test Report
Submitted By Administrator
Create Date 08/11/22 2:21 PM
Asset Name #7 Expander Dust Collector
Description USG Greenville, MS



Date: 06/25/22 9:43 AM Dated Test Event

Test Date	03/21/20	03/24/21	06/25/22
Test Time	12:54 PM	8:43 AM	9:43 AM
Test Location	T-Leads	T-Leads	T-Leads
Tester Serial	5095	5095	5095
MTap ID			
	Baseline		
Frequency	1200	1200	1200
Charge Time	600	600	600
Voltage	500	1000	1000
Motor Temp	10	17	32
Measured Mohm	1088.94	705.75	195.15
Corrected Mohm	136.00	143.00	112.00
pF Ph 1 to Ground	54200	55100	51400
ohm Ph 1 to 2	0.04260	0.04340	0.04210
ohm Ph 2 to 3	0.04260	0.04330	0.04190
ohm Ph 3 to 1	0.04260	0.04340	0.04210
mH Ph 1 to 2	1.968	2.080	2.043
mH Ph 2 to 3	1.945	2.353	2.224
mH Ph 3 to 1	2.317	1.881	1.765
Average Inductance	2.077	2.105	2.011
% Res. Imbalance	0.00	0.15	0.32
% Ind. Imbalance	11.48	11.88	12.26

Date: 06/25/22 9:43 AM Test: Polarization Index Test



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Test Location	T-Leads	T-Leads	T-Leads
Tester Serial	5095	5095	5095
MTap ID			
	Baseline		
Voltage	500	1000	1000
Duration	600	600	600
D/A Ratio	1.210	1.377	1.368
Polar. Index	3.264	3.607	1.363

Remarks: Motor data shows a change in RTG (Resistance to Ground) reading. Also PI has changed. Need to confirm if this is the same motor last year. If so, then motor may need a step voltage test. This test must be done off line and should help determine stator winding condition.