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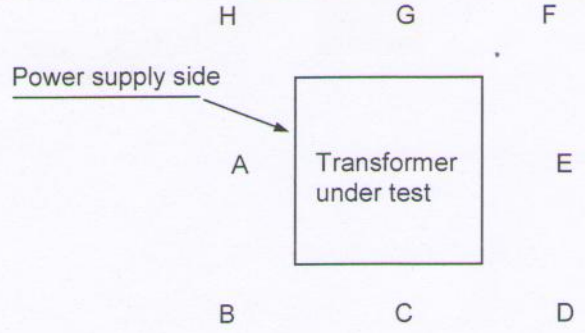
REPORT No: MNDTTR008717/4
DATE: 06/05/2010

Transformer under test	CRGO Core ALU. Wound Proto type Distribution Transformer Rating: 100 KVA, Voltage: 11/0.433 KV, Tr. Sr. No.: Proto – 100
Particulars of Test	Audible Sound Level Measurement
Test Details	Distance of measurement from test equipment: 0.3 m, Measurement was made at half the height of the transformer
Requirement	Permissible Average Audible Sound Level: 50 dB(A) [Maximum] As per Customer's requirement.

Test Result:

Sr. No.	Measurement Locations (Refer Sketch Below)	Ambient audible sound level before measurement of audible sound level of Transformer	Audible sound level from ambient and "Transformer at rated voltage & no load condition"	Ambient audible sound level after measurement of audible sound level of Transformer
		dB(A)	dB(A)	dB(A)
1	A	43.5	46.9	43.6
2	B	43.6	46.8	43.6
3	C	43.6	46.9	43.5
4	D	43.5	46.8	43.5
5	E	43.6	46.8	43.6
6	F	43.5	46.8	43.5
7	G	43.5	46.7	43.6
8	H	43.6	46.8	43.5

1) Average audible sound level of ambient: 43. 6 dB(A)
2) Average audible sound level of combined transformer & ambient: 46.8 dB(A)
3) Corrected average audible sound level of transformer: 43.8 dB(A)



Sketch showing the Sound measurement locations

PREPARED BY **CHECKED BY**

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