

Test Plan Document

TEST ID	ELEMENT NAME	TEST CASE	INPUT	EXPECTED OUTPUT	ACTUAL OUTPUT	TEST RESULT
1.	Rotor	Deflection should be 90.	(Stator B is ON)P9_12 is set to high	Deflection of 90 towards (Stator B) P9_12	Deflected by an angle of 90 towards stator B	Pass
2.	Rotor	Deflection should be 90.	(Stator C is ON)P9_13 is set to high	Deflection of 90 towards (Stator C) P9_13.	Deflected by an angle of 90 towards stator C.	Pass
3.	Rotor	Deflection should be 90.	(Stator D is ON)P9_14 is set to high	Deflection of 90 towards (Stator D) P9_14.	No deflection.	Fail
4.	Rotor	Deflection should be 90.	(Stator A is ON)P9_11 is set to high	Deflection of 90 towards (Stator A) P9_11.	Deflected by an angle of 90 towards stator A.	Pass
5.	Rotor	Deflection should be 45.	(Stator A and Stator B are ON)P9_11 and P9_12 are set to high.	Deflection of 45 towards (Stator B) P9_12 from Stator A.	Deflected by an angle of 45 towards stator B.	Pass
6.	Rotor	Deflection should be 45.	(Stator B and Stator C are ON)P9_12 and P9_13 are set to high.	Deflection of 45 towards (Stator C) P9_13 from Stator B.	Deflected by an angle of 45 towards stator C.	Pass
7.	Rotor	Deflection should be 45.	(Stator C and Stator D are ON)P9_13 and P9_14 are set to high.	Deflection of 45 towards (Stator D) P9_14 from Stator C.	Deflected by an angle of 90 towards stator D.	Fail
8.	Rotor	Deflection should be 45.	(Stator D and Stator A are ON)P9_14 and P9_11 are set to high.	Deflection of 45 towards (Stator A) P9_11 from Stator D.	Deflected by an angle of 45 towards stator A.	Pass