

RELATIONSHIP BETWEEN MOLECULAR GEOMETRY AND DIPOLE MOMENT**(RULES BELOW APPLY WHEN ALL ATOMS X ARE IDENTICAL)**

| FORMULA | MOLECULAR GEOMETRY | DIPOLE MOMENT |
|----------------|---------------------------|-----------------------------------|
| AX | LINEAR | NONZERO (EXCEPT WHEN A = X !!) |
| AX_2 | LINEAR | ZERO |
| AX_3 | TRIGONAL PLANAR | ZERO |
| AX_2E_1 | BENT | NONZERO |
| AX_4 | TETRAHEDRAL | ZERO |
| AX_3E_1 | TRIGONAL PYRAMIDAL | NONZERO |
| AX_2E_2 | BENT | NONZERO |
| AX_5 | TRIGONAL BIPYRAMIDAL | ZERO |
| AX_4E_1 | SEESAW | NONZERO |
| AX_3E_2 | T-SHAPE | NONZERO |
| AX_2E_3 | LINEAR | ZERO |
| AX_6 | OCTAHEDRAL | ZERO |
| AX_5E_1 | SQUARE PYRAMIDAL | NONZERO |
| AX_4E_2 | SQUARE PLANAR | ZERO |