The temperature dependence of the $^{14}\text{N}$ NQR frequencies has been measured in a polycrystalline sample of diphenylamine by nuclear quadrupole double resonance. Two non-equivalent diphenylamine molecules have been observed. The NQR parameters in diphenylamine were related to the NQR parameters obtained in other amines and to the molecular and crystal structure.

**Key words:** NQR; Nitrogen; Amines; Biphenyl.