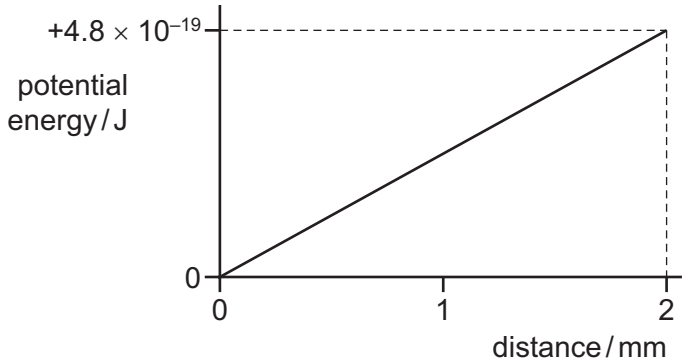
29 Two parallel plates R and S are 2 mm apart in a vacuum. An electron with charge -1.6×10^{-19} C moves along a straight line in the electric field between the plates. The graph shows how the potential energy of the electron varies with its distance from plate R.



Which deduction is **not** correct?

A The electric field between R and S is uniform.

B The electric field strength is 3000 N C^{-1}.

C The force on the electron is constant.

D The magnitude of the potential difference between R and S is 3 V.