Dust acoustic solitary waves are investigated on the nonlinear, unmagnetized homogeneous dust ion and dust ion electron plasma with the effects of dust streaming. The Sagdeev’s pseudopotential is determined in terms of $u_d$, the dust ion speed. It is found that there exist a critical value of $u_d$, beyond which the solitary waves cease to exist.

Key words: Pseudopotential; Solitary Waves; Dusty Plasma.