Belt Conveyors have long been the primary choice for providing transplant transportation of bulk materials, with high adaptability to path of travel and long distance transportation. Changed in direction of transportation from horizontal to slopes or the contrary causes changes on belt conveyor travel path. This profile forms convex or concave curves of travel path. Determining the minimum radius of inclination is very important in operating belt conveyors to fulfil the capacity of transportation, proportioned with the characteristic of material being conveyed.

Key Words: belt conveyor travel path, minimum radius, characteristic of material, capacity.