

HIGH ANGLE CONVEYOR AND ITS APPLICABILITY IN LARGE OPENCAST COAL MINES IN INDIA

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High Angle Conveyors (HAC) is a new technological marvel in Transportation of Bulk material. It can be suitably used in large deep opencast mines. The present paper has attempted to give the overview of HAC with its different types, different application areas. The most useful HAC i.e. Sandwich belt Conveyor is described with its Mechanics of operation. The deep seated coal mine reserves in India are also shown to analyse its applicability in opencast mining transport system. The application of HAC at different coal and metal mines round the world is also discussed. The merits and demerits of HAC is also narrated to get the clear overview of the Transportation Technology for Deep Opencast Coal Mines in India.
