

# CONVEYOR DRILL SYSTEM

Prepared by: Uzaawaji Adasi Ubulom

## ABSTRACT

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Conveyor systems have been a mainstay of material handling for over 100 years. Conveyors are ideally suited to solving handling problem as a complete system rather than as a individual units. A complete conveyor system involve a combination of conveyors, accessories and controls the monitor and control the movement of material though the operation process.

In this project is concerned with learning and exploring PLC as programming tool. The programmable logic controller PLC was becoming more powerful and high technology that extensively used in automation works. Thus, an efficient approach which can represent the control process by using the graphical representation perhaps a good solution to helps the designer in order to programming the PLC's. There has been a growing interest in programming languages for PLC's.

This project also consist of the use of a pneumatic system to power the movement of a drill from a rest position to the object that is to be drill and also the pneumatic system also serves as a clamp that is use to hold the device in place before it is been drill. Pneumatic systems have been use in the industry application but as long as hydraulic systems. In addition the performance of pneumatic system is at least as important as any other system currently in use.