

Float Glass Manufacture Facility Design: Feasibility Study in Kuwait

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Abstract : Lately, within the middle east, development has taken place in the construction area which increased the demand of a crucial component, where without it; stunning views from skyscrapers cannot be experienced, and natural light would not be able to be viewed from an indoor building. Glass has changed the path of living and building. Float glass is a type of glass that is flat and it is the type used in the construction and automobile sector. Facility design on the other hand is a study that improves the efficiency utilization of people, equipment, material and space. Kuwait's governmental future developing plan bears in mind the need of increase in industries to increase the growth domestic product(GDP) of the country. This project studies the feasibility of two designs of a float glass manufacture in Kuwait. The first Alternative, consists of one production line of capacity 500 tons of glass per day. The second alternative, consists of three production lines, each of capacity 500 tons of glass daily.

Keywords : float glass manufacture, Kuwait, feasibility float glass, facility design, float glass production

Conference Title : ICSRD 2020 : International Conference on Scientific Research and Development

Conference Location : Chicago, United States

Conference Dates : December 12-13, 2020