

ABSTRACT

Cold storage is a place to store products that require cold temperatures. The function of the cold room itself is to store products, both food and certain goods that require a certain temperature. When designing a cold store, the calculation of the cooling load determines the performance of the refrigeration devices in the cold store. Cold chain is that part of the supply chain whose goal is to maintain the temperature in such a way that the product is maintained during goods collection, processing and distribution to consumers, whereas cold chain management includes all cold chain activities, i.e. analysis was performed, measured, monitored, documented and validated so that it runs effectively and efficiently, both technically and economically. Vaccines require a cold chain system to maintain recommended storage and distribution temperatures. The study was conducted to determine the application of the cold chain system to vaccines.

Keywords: Cold Storage, Cold Chain, Cold Chain Vaccine.