ABSTRACT

The vacuum pan station PT.Perkebunan Nusantara X (PERSERO) PG.Watoetoelis is used to get sugar crystal, which is made from nira that evaporated by water until content is being saturated however, in the processing vacuum pan station production the failure often happen and it influences vacuum pan the overall process so that it must be moved to other pan. To overcome the process about, there must be investigation. This research used in order to method by following Hazard And Operability Prosedure (HAZOP) and the identify and risk analysis are done. All form, cause, method on the processing vacuum pan station is categorized as high risk. From the risk analysis using hazard and operability procedure (HAZOP), it is found 9 problems in high category. Recommendation which on the market to 9 the problems among others is operator of stand by, sweeping regularly, periodical checking, repair or replacement of pipe expenditure of air, treatment regularly and observation of operator.