

Abstract

PG. Tjoekir is subsidiary PTPN X (persero) that engaged in sugar production. In producing sugar PG. Tjoekir has average employs as many as 499 workers. PG. Tjoekir has several stations in sugar production are emplacement station, grinder station, purification station, evaporation station, cooking station, round station, completion station. Process production PG. Tjoekir more to connected with the level of risk work that leads the danger of K3, for accidents occurring in 2011 as many as 20 cases of accidents, tools production owned by PG. Tjoekir large, old age, the layout system of the pedestrian with the production together. Besides that PG. Tjoekir has not done an evaluation of the Occupational Safety and Health Management System (OSHM) for 5 years.

In this research, used a method Checklist Analysis for evaluating the implementation OSHM PG. Tjoekir using the checklist that contains questions and the scale of assessments, as well as tables Traffic Light System to determine the level of implementation OSHM PG. Tjoekir in accordance with PER.05/MEN/1996.

From the results of this research, level implementation OSHM PG. Tjoekir is still lacking. Level implementation OSHM PG. Tjoekir entered at level 6 which means the level of implementation K3 program PG. Tjoekir is still very dangerous. This is because of company in addition K3 management has not optimized yet, company policy has not formed yet. So that the necessary repairs immediately.

Priority improvements to the risk of K3 using FMEA method by multiplying the severity, occurrence and detection to calculate the RPN. The highest RPN of 60 found in grinder Station.

Keyword :*Checklist, Traffic Light System, OSHM, FMEA*