ABSTRACT

Center of Reactor Technology and Nuclear Safety (PTRKN) is an institution which concern in development of reactor technology and nuclear safety in Indonesia. In support to activities, Center of Reactor Technology and Nuclear Safety (PTRKN) has more than 100 labors and thermohydric workshop, which has heat exchangers the explosion and fire hazard. In addition, this institution also does not have a System of Safety Management and Occupational Health (SMK3) which manages the policy of safety work. In the Regulation of Minister of Labor Permenaker 05/MEN/1996 About System of Safety Management and Occupational Health Chapter 3 section 3, explains that every company which employs the labor as much 100 people or more and / or contain potential of hazard caused by the process of characteristics or production materials cause work result the accidents such as explosions, fires, pollution and diseases caused by work should apply the System of Safety Management and Occupational Health. Hence, is needed planning of SMK3 based on Permenaker 05/MEN/1996.

SMK3 is made based on Permenaker 05/MEN/1996. Things to do in conducting SMK3 are making the Commitment and Policy, Planning, Application and Measurement and also Evaluation and review and of increasing by management.

Based on the result of data processing, it can be found the manual procedure for SMK3’s implementation of Pusat Teknologi Reaktor dan Keselamatan Nuklir (PTRKN).

Keywords: System of Safety Management and Occupational Health, Permenaker 05/MEN/1996