ABSTRACT

Noise level, indoor climate and lighting in engine room of KM. Ciremai become very important to be analyzed because the standard that recommended by the classification become more specific recently. If ship companies in Indonesia want to be survive and capable to compete with abroad ship companies on the global era, they must to fulfill the recommended standard. In other side, noise in engine room also give bad effect to crew’s working condition, comfortable, and healthy.

Data obtained by measurement of the noise level, indoor climate and lighting in engine room directly. Then those data compared with the maximum level that recommended by American Bureau Of Shipping (ABS) and International Maritime Organization (IMO). From the comparison will be found weather the noise level, indoor climate and lighting is still fulfill the recommended standard.

Based on the measurement of noise level in engine room of KM.Ciremai still fulfill the maximum noise level that recommended by ABS and IMO except workshop room and non specified work space. Beside that, air temperature of indoor climate and illuminance level of lighting in engine room of KM. Ciremai not appropriate that recommended by ABS.

Keywords: Engine room, Noise, Indoor climate, Lighting.