Abstrak

Noise generated by the generator which is placed on IPSRS RSUD kab. Klungkung building feels very disturbing. It is because inside the building there are many different kinds of work space including workshop space elektromedik installation and installation of non-medical workshop adjacent to the room where the generator is placed. In this final step is to design the dividing wall between the room with the generator room installations elektromedik works shop and work shop non-medical installations to reduce the noise level generated from the generator room. Step by step is to conduct measurements at the points which have been determined, enter into the calculation of sound presure level is then compared with measurement results of the measurements, then calculate the expected value of transmission loss. By determining the expected value of transmission loss can be determined the type of wall used. Wall type used is a double wall with air cavity diantaranya.Hasil shown using a double wall with air cavities such as the thickness of 12 in providing a sound pressure level in the room work shop is 53.72 dBA elektromedik installation and installation work shop space is non-medical 53.50 dBA. From the results, has met the desired standards.

Key word: Noise, transmission loss , sound presure is level