ABSTRACT

At hospital composure and freshness patient was prominent to help accelerate healing process. That condition can be reached by muffled by maximum as possible noise source that exist. One of noise source at RS.Adi Husada Surabaya, Jl. Kapasari 97-101 is from compressor with continuous running.

Measuring data was taken at daytime 10.00 – 12.00 and night 20.00 – 23.00. Location measuring general poly in (1st floor) and medical treatment room at 2nd, 3rd, and 4th floor. Day time measuring was taken when compressor was run and shutdown. For night measuring was taken when compressor running.

From data and calculation, difference SPL when compressor running and shutdown around 7 – 12 dBA.

SPL overall value at point in 1st - 4th floor was not complying with standard criteria SK Menteri Kesehatan No. 718 / MENKES / XI / 1987 for day measuring, because SPL overall value exceed 45 dBA. And for night measuring was not comply with a standard at 2nd floor, while 3rd and 4th floor floor appropriate with standard SK Menteri Kesehatan No. 718 / MENKES / XI / 1987 because SPL overall value less from 45 dBA. PSIL at every point measuring included sound or speech normal category for day and night measurement.