

ABSTRAK**ANALISIS KUALITAS AIR KOLAM RENANG *INDOOR* DAN
OUTDOOR DEPOK *SPORT CENTER* DAN TIRTA SARI DI
KABUPATEN SLEMAN BERDASARKAN KETENTUAN-KETENTUAN
PERATURAN MENTERI KESEHATAN RI NO
416/MENKES/PER/IX/1990**

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Berenang di kolam renang merupakan kegiatan olahraga sekaligus rekreasi yang banyak digemari oleh masyarakat. Aktivitas dengan jumlah pengunjung yang banyak berpotensi menyebabkan penularan berbagai penyakit. Keluhan mata perih kulit gatal-gatal serta kurangnya pengontrolan pengecekan kualitas air kolam renang oleh pihak kolam renang merupakan masalah yang terdapat di kolam renang Depok *Sport Center* dan Tirta Sari. Salah satu aspek yang harus diawasi dari sanitasi kolam renang adalah kualitas airnya yang harus memenuhi syarat. Penelitian ini bertujuan untuk mengetahui kualitas pada air kolam renang *indoor* dan *outdoor* di kolam renang Depok *Sport Center* dan Tirta Sari serta mengetahui perbedaan kualitas air kolam renang *indoor* dan *outdoor* di kolam renang Depok *Sport Center* dan Tirta Sari

Jenis penelitian ini adalah studi kasus. Data yang diperoleh dari pengamatan dan pengukuran dibuat dalam bentuk diagram batang kemudian dibandingkan dengan baku mutu kualitas air kolam renang sesuai Peraturan Menteri Kesehatan 416/MENKES/PER/IX/1990 serta dikaitkan dengan teori-teori, jurnal dan penemuan yang nyata dan disajikan secara dekriptif.

Hasil penelitian menunjukkan bahwa dari segi aspek fisik kimiawi dan biologis air kolam renang *indoor* dan *outdoor* di Depok *Sport Center* dan Tirta Sari yang memenuhi standar baku mutu kualitas air kolam renang yaitu benda timbul, kejernihan, pH, kesadahan dan jumlah bakteri, sementara yang tidak memenuhi standar baku mutu kualitas air kolam renang yaitu DO (oksigen terlarut) dan kadar klorin. Terdapat perbedaan antara kualitas air kolam renang *indoor* dan *outdoor*. Perbedaan ini dipengaruhi oleh beberapa faktor yaitu sumber air, cahaya matahari dan aktivitas manusia.

Kata kunci: indoor, outdoor, kolam renang, fisik, kimiawi, biologis.

ABSTRACT

ANALYSIS THE QUALITY OF A POOL WATER INDOOR AND OUTDOOR IN DEPOK SPORT CENTER AND TIRTA SARI AT SLEMAN TOWN BASED ON PROVISIONS THE MINISTER OF HEALTH IN INDONESIA NO 416 / MENKES / PER / IX / 1990

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Swimming in pool are the activities of sports all recreation many popular by the people. Many activity with the number of visitors pond make potency of transmission of various diseases. Complaints eyes sting the skin itching, and lack of control checking the quality of a pool water by the pool a matter were found in Depok Sport Center and Tirta sari. One of the aspects that needs to be done of sanitation pool is the quality of the it to be qualified. This study aims to to see how the quality in a pool water indoor and outdoor in Depok Sport Center and Tirta Sari. Knows the difference the quality of a pool water indoor and outdoor in Depok Sport Center and Tirta Sari.

The research this is a study case. The data collected from observations and measurements made in the form of bars is compared with of quality standard the quality of a pool water in accordance with the regulations health minister 416 / menkes / per / ix / 1990 and associated with theories , journals and contrivance real and served in a dekriptif . The results of the study showed that in terms of the physical aspects chemical and biological a pool water indoor and outdoor in Depok Sport Center and Tirta Sari which meet the standards of quality standard the quality of a pool water that is objects arising , clarity , ph , hardness and the number of bacteri , while the is not adequate of quality standard the quality of a pool water that is dropped out, oxygen dissolved and levels of chlorine . There are differences between the quality of a pool water indoor and outdoor. The difference is affected by several factors that is water sources, sunlight and human activity

Keywords: indoor , outdoor , pool , physical , chemical , biological .