

**THE EFFORTNESS TO MANAGE WASTE AND HAZARDOUS MATERIALS (B3) AT Dr. WAHIDIN SUDIRO HUSODO HOSPITAL IN THE CITY OF MOJOKERTO**

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**ABSTRACT**

Hazardous and Toxic Material (B3) waste can be causing of the health protection disruption and the risks of pollution to the environment, so it would be needed to be managed properly and correctly. The management of B3 waste requires a management function that consists of four main management functions, namely planning, organizing, actuating, and controlling. The purpose of this study is to determine the effortness of the hazardous management and toxic waste (B3) at Dr. Wahidin Sudiro Husodo Hospital in the city of Mojokerto.

This research is a descriptive research. Data collection is done by checklist, observation, and interview. The object in this study is a service unit at Dr. Wahidin Sudiro Husodo Hospital in the city of Mojokerto. The data has been obtained then analyzed using descriptive data analysis techniques by presenting tabulated data and frequency distribution.

The result of the efforts B3 waste research management through of planning efforts, organizing efforts, and controlling efforts is very good that is 100%, 85.71%, and 100%. The Implementation efforts is good that is 76,96%. The overall of effortness in order to manage B3 waste is very good that is 90,68%.

It has been recommended to be improved the competence officers of B3 hazardous waste implementing through of educating and training, fulfilling of the facilities according to the standard, e.g. availability of brown waste bag for chemical and ruined medicine, precision of waste storage position, arranging effectively the route and the schedules of waste transportation and the supervision of the cleaning service officers in order to handle B3 waste hazardous and by using PPE (Personal Protective Equipment) as the standard handling.

**Keywords:** management, waste, hazardous and toxic materials, B3

# UPAYA PENGELOLAAN LIMBAH BAHAN BERBAHAYA DAN BERACUN (B3) DI RSU Dr. WAHIDIN SUDIRO HUSODO

## KOTA MOJOKERTO

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### ABSTRAK

Limbah Bahan Berbahaya dan Beracun (B3) dapat menyebabkan gangguan kesehatan dan atau risiko pencemaran terhadap lingkungan hidup sehingga perlu upaya pengelolaan dengan baik dan benar. Pengelolaan limbah B3 diperlukan adanya fungsi manajemen yaitu perencanaan, pengorganisasian, pelaksanaan, dan pengendalian. Tujuan penelitian ini untuk mengetahui upaya pengelolaan limbah Bahan Berbahaya dan Beracun (B3) di RSU Dr. Wahidin Sudiro Husodo Kota Mojokerto.

Penelitian ini merupakan penelitian deskriptif. Pengumpulan data dilakukan dengan checklist, observasi, dan wawancara. Obyek penelitian ini adalah unit pelayanan dan penunjang di RSU Dr. Wahidin Sudiro Husodo Kota Mojokerto. Data dianalisis menggunakan teknik analisis data deskriptif dengan penyajian data secara tabulasi dan distribusi frekuensi.

Hasil penelitian upaya pengelolaan limbah B3 melalui upaya perencanaan, upaya pengorganisasian, dan upaya pengendalian sudah sangat baik yaitu 100%, 85,71%, dan 100%. Upaya pelaksanaan sudah baik yaitu 76,96%. Secara keseluruhan upaya pengelolaan limbah B3 sangat baik yaitu 90,68%.

Saran yang dapat diberikan adalah peningkatan kompetensi petugas pengelola limbah B3 melalui pelatihan, penyediaan kantong plastik warna cokelat untuk limbah kemasan bahan kimia dan obat farmasi, memperbaiki tata letak penyimpanan limbah di TPS, pengaturan rute dan jadwal pengangkutan limbah, pengawasan terhadap petugas dalam penanganan limbah B3 serta penggunaan APD yang sesuai standar.

**Kata Kunci:** Pengelolaan, Limbah, Bahan Berbahaya dan Beracun, B3