

ABSTRACT

Silo fumigation is one of the works in a confined space at PT Japfa Comfeed Indonesia Tbk, Plant Margomulyo Surabaya. The purpose of this study is to evaluate OSH procedures for confined space work based on the Minister of SE No: SE.01 / MEN / PPK / IV / 2012 and the decision of the Director-General of Labor Inspection No. 113 / DJPPK / XI / 2006 regarding work requirements in confined spaces

This research has an observational descriptive study. The research subjects were related workers and HSE, while the object of the study applied the HSE procedure in the confined space of managing fumigating silos. Data collection used a checklist with a direct collection.

The results of this study included 17 (38%) aspects of the application of K3 procedures in confined spaces, where silo regulation is appropriate, and there are 28 (62%) aspects that are not in appropriated with regulations. The aspects that are not appropriated are some aspects that fall into the category of re-identified of confined spaces, atmospheric gas tested, work permit, energy isolation systems, and air ventilation, rescue teams, communication procedures, the appointment of competent officers, contractor reports, confined space reports.

This study concludes that the application of K3 procedures in confined spaces in silo management work is included in the lacking category. For the recommendation given is HSE completes the re-identification items, immediately reporting on the confined space data, providing nonslippery safety shoes, and others.

Keywords; Evaluation, OSH Procedure, *Confined space*

ABSTRAK

Fumigating silo merupakan salah satu pekerjaan di area terbatas (*confined space*) di PT Japfa Comfeed Indonesia Tbk, Plant Margomulyo Surabaya. Tujuan dari penelitian ini adalah untuk mengevaluasi penerapan prosedur K3 pada pekerjaan *confined space* berdasarkan SE Menteri No: SE.01/MEN/PPK/IV/2012 serta keputusan Direktur Jendral Pembinaan Pengawasan Ketenagakerjaan No 113/DJPPK/XI/2006 tentang pedoman bekerja di *confined space*

Penelitian ini termasuk penelitian observasional *deskriptif*. Subyek penelitian adalah pekerja terkait dan HSE, sedangkan objek penelitian adalah penerapan prosedur K3 di pekerjaan *confined space* pembersihan *fumigating* Silo. Pengumpulan data dengan menggunakan checklist dengan observasi langsung.

Hasil penelitian ini adalah terdapat 17(38%) aspek penerapan prosedur K3 di *confined space* pekerjaan pembersihan silo yang sudah sesuai dan ada 28 (62%) aspek yang belum sesuai dengan peraturan. Adapun aspek yang belum sesuai adalah beberapa aspek yang masuk dalam kategori identifikasi ulang *confined space*, pengujian gas atmosfer, sistem perijian, sistem isolasi energi dan ventilasi udara, tim penyelamat, prosedur komunikasi, penunjukan petugas yang kompeten, laporan kontraktor, laporan ruang terbatas

Kesimpulan penelitian ini adalah penerapan prosedur K3 di *confined space* pekerjaan pembersihan silo termasuk dalam kategori kurang. Adapun Saran yang diberikan yaitu HSE melengkapi item identifikasi ulang segera melaaporkan data *confined space*, memberikan safety shoes anti slip, dan lainnya.

Kata kunci; Evaluasi, Prosedur K3, *Confined space*