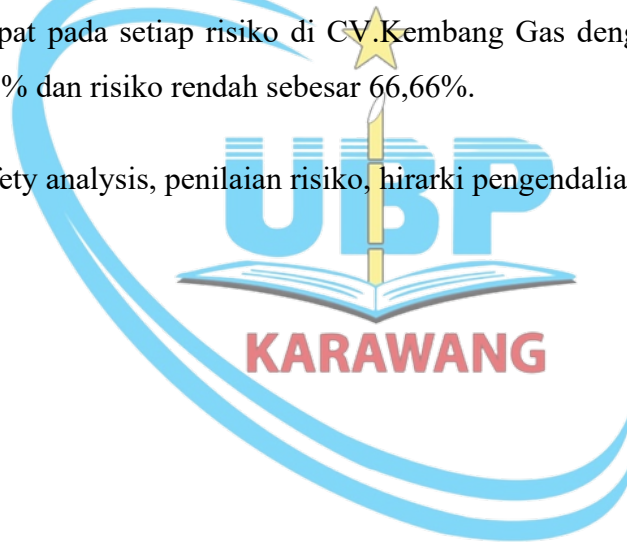


## ABSTRAK

CV. Kembang Gas memiliki pekerja bongkar muat sebanyak 3 orang pekerja Gas LPG pada perusahaan yang bergerak di bidang jasa penjualan gas LPG 3kg. CV. Kembang Gas masih terdapat banyak potensi bahaya dan risiko yang tinggi. Penelitian ini bertujuan untuk mengidentifikasi bahaya menggunakan metode *Job Safety Analysis*, menilai risiko dan memberikan saran pengendalian terhadap risiko yang ada. Rekomendasi pengendalian yang dilakukan berdasarkan hirarki pengendalian yaitu *eliminasi*, *engineering control*, *administrative control*, dan alat pelindung diri (APD). Dari hasil analisis dapat disimpulkan bahwa masih terdapat potensi bahaya yang memiliki nilai risiko tinggi, terdapat 16 risiko bahaya yang terdiri dari *extreme* 0 dan risiko tinggi 5, risiko sedang 2 dan risiko rendah 9 risiko, diantaranya tangan tergores, tangan terjepit, tangan terkilir, sakit pinggang, cidera pada otot tangan, tertimpa tabung gas kaki tertimpa tabung gas, kepala tertimpa tabung gas. Dan untuk presentase yang didapat pada setiap risiko di CV. Kembang Gas dengan risiko tinggi 6,6%, pada risiko sedang 26% dan risiko rendah sebesar 66,66%.

**Kata Kunci :** Job safety analysis, penilaian risiko, hirarki pengendalian



## ***ABSTRACT***

*CV. Kembang Gas has loading and unloading workers as many as 3 LPG Gas workers in a company engaged in the sales of 3kg LPG gas. CV. Kembang Gas still contains many potential hazards and high risks. This study aims to identify hazards using the Job Safety Analysis method, asses risks, and provide suggestions for controlling existing risks. Control recommendations are carried out based on the control hierarchy, namely elimination, engineering control, administrative control, and personal protective equipment (PPE). From the results of the analysis, it showed that there were still potential hazards that have a high-risk value. There were 16 hazard risks consisting of extreme 0 and high risk 5, medium risk 2, and low risk 9 risks, including scratched hands, pinched hands, sprained hands, pain waist, injury to the arm muscles, crushed by a gas cylinder, leg crushed by a gas cylinder, head crushed by a gas cylinder. And for the percentage obtained at each risk at CV. Kembang Gas with a high risk of 6.6%, a moderate risk of 26%, and a low risk of 66.66%.*

*Keywords: Job safety analysis, risk assessment, control hierarchy*

