

# ANALISIS RISIKO PEKERJAAN PEMESINAN DI BENGKEL MESIN SMK NEGERI 2 WONOSARI

Oleh: Rendy Kurnia Adhitama, 15503241008, Pendidikan Teknik Mesin  
Fakultas Teknik Universitas Negeri Yogyakarta, email:  
rendy.adhitama.rk@gmail.com

## Abstrak

Penelitian ini bertujuan untuk mengetahui *hazard* yang mungkin terjadi di bengkel pemesinan SMK Negeri 2 Wonosari, mengetahui *probability* yang mungkin terjadi di bengkel pemesinan SMK Negeri 2 Wonosari, mengetahui risiko yang akan terjadi di bengkel pemesinan SMK Negeri 2 Wonosari, dan mengetahui cara pengendalian dan pencegahan risiko yang dilakukan oleh pihak manajemen bengkel, guru dan sekolah agar tidak terjadi kecelakaan kerja di bengkel SMK Negeri 2 Wonosari. Penelitian ini merupakan penelitian deskriptif.

Data diperoleh melalui observasi, wawancara serta dokumentasi foto kondisi bengkel pemesinan. Keabsahan data dilakukan dengan uji kredibilitas, dependabilitas dan uji konfirmabilitas. Analisis data menggunakan teknik analisis Miles dan Huberman yaitu dengan mereduksi data, penyajian data dan menarik kesimpulan atau verifikasi. Hasil penelitian menunjukkan bahwa *hazard* atau sumber bahaya yang teridentifikasi di bengkel pemesinan sejumlah 29 *hazard*, *probability* yang teridentifikasi di bengkel pemesinan sejumlah 30 peluang, risiko yang terdapat di bengkel pemesinan sejumlah 31 risiko jika tanpa penanganan tepat, dan pengendalian risiko rata-rata pada bengkel pemesinan sejumlah 86,0%.

Kata kunci: analisis dan pengendalian risiko, *hazard*, *probability*, bengkel pemesinan, SMK N 2 Wonosari

***THE ANALYSIS OF MACHINERY JOB RISK IN WORKSHOP OF SMK  
NEGERI 2 WONOSARI***

By: Rendy Kurnia Adhitama, 15503241008, Education of Mechanical Engineering  
Faculty of Engineering Yogyakarta State University, email:  
rendy.adhitama.rk@gmail.com

***Abstract***

*This study was purposed to identify the hazards that might occurred in the machinery workshop of SMK Negeri 2 Wonosari, identify the probabilities that might occurred in machinery workshop of SMK Negeri 2 Wonosari, identify the risks that would occur in machinery workshop of SMK Negeri 2 Wonosari, and recognize how the workshop management, teachers and schools controlled and prevented the risks in the machinery workshop, in order to avoid the accidents in themachinery workshop of SMK Negeri 2 Wonosari. This research was a descriptive research.*

*Data was obtained through observation, interviews and photographic documentation of machinery workshop conditions. The validity of the data was done by testing credibility, dependability and confirmation test. Data analysis was using Miles and Huberman analysis methods, by reducing data, presenting data and drawing the conclusions or verification. The results of the study proved that, there were 29 hazards sources which identified in the machinery workshops, there were 30 opportunities probability which identified in the machinery workshop, there were 31 risks which identified in the workshops if without accurate treatment, and the average of risk control in the machinery workshops was 86.0%.*

*Keywords: risk analysis and control, hazard, probability, machinery workshop, SMK  
N 2 Wonosari*