

## DAFTAR PUSTAKA

- Anas, A. A. Y. U. (2021). *Kerja Pada Pekerja Mesin Bubut DI Kecamatan Delitua Tahun 2020*.
- Eka Rini, W. N., Aswin, B., & Hidayati, F. (2021). Analisis Risiko dan Determinan Kejadian Kecelakaan Kerja di Pabrik Minyak Kelapa Sawit. *Jurnal Riset Hesti Medan Akper Kesdam I/BB Medan*, 6(2), 162. <https://doi.org/10.34008/jurhesti.v6i2.248>
- Ernyasih, E., Rahmawati, T., Andriyani, A., Fauziah, M., & Lusida, N. (2022). Faktor - Faktor Yang Berhubungan Dengan Perilaku Tidak Aman Pada Pekerja Proyek The Canary Apartment Pt. Abadi Prima Intikarya Tahun 2022. *Environmental Occupational Health and Safety Journal*, 3(1), 45. <https://doi.org/10.24853/eohjs.3.1.45-54>
- Fitriani, A., Wahyuni, I., Peminatan Keselamatan dan Kesehatan Kerja, M., Universitas Diponegoro, F., & Keselamatan dan Kesehatan Kerja, B. (2021). Hubungan Durasi Kerja, Beban Kerja Fisik, Dan Kelelahan Kerja Terhadap Terjadinya Kejadian Minor Injury Pada Pabrik Tahu X Kota Semarang. *Jurnal Kesehatan Masyarakat*, 9(1), 32–37. <http://ejournal3.undip.ac.id/index.php/jkm>
- Huda, N., Fitri, A. M., Buntara, A., & Utari, D. (2021). Faktor-Faktor Yang Berhubungan Dengan Terjadinya Kecelakaan Kerja Pada Pekerja Proyek Pembangunan Gedung Di Pt. X Tahun 2020. *Jurnal Kesehatan Masyarakat (Undip)*, 9(5), 652–659. <https://doi.org/10.14710/jkm.v9i5.30588>
- Kurniawan, R., Asril, & Endang. (2021). Media Kesmas ( Public Health Media ). *Media Kesmas (Public Health Media)*, 1(2), 225–240.
- Larasatie, A., Fauziah, M., Dihartawan, D., Herdiansyah, D., & Ernyasih, E. (2022). Faktor-Faktor Yang Berhubungan Dengan Tindakan Tidak Aman (Unsafe Action) Pada Pekerja Produksi Pt. X. *Environmental Occupational Health and Safety Journal*, 2(2), 133. <https://doi.org/10.24853/eohjs.2.2.133-146>
- Luthfia, N., Aletta, A., & Amin, F. A. (2023). *1485-Article Text-4663-1-10-20230901*. 2, 1–12.

- Mandagi, Sondakh, Maddusa, R. (2022). Hubungan Kelelahan Kerja dengan Kejadian Kecelakaan Kerja di PT. Putra Karangetang Desa Popontolen Kabupaten Minahasa Selatan. *Jurnal KESMAS*, 11(4), 28–34.
- Masyudi, M., & Lizam, T. C. (2019). Analisis Risiko Kecelakaan Kerja Pada Pekerja Pabrik Pengolahan Kelapa Sawit Lembah Bhakti Kabupaten Aceh Singkil. *Majalah Kesehatan Masyarakat Aceh (MaKMA)*, 2(1), 66. <https://doi.org/10.32672/makma.v2i1.882>
- Mei, O., Al Dian, D., Hilal, S., Husaini, A., Studi, P., Masyarakat, K., Tinggi, S., Kesehatan, I., & Jambi, H. I. (2023). *Faktor Yang Berhubungan dengan Kejadian Kecelakaan Kerja pada Pemanen kelapa sawit di desa Terjun Gajah kecamatan Betara Kabupaten Tanjung Jabung Barat*. 3(9), 7509–7514. <https://stp-mataram.e-journal.id/JIP/article/download/2443/1921/>
- Monalisa, U., Sibakir, & Listiawati, R. (2022). Faktor-Faktor Yang Berhubungan Dengan Perilaku Tidak Aman Pada Pekerja Service Pt. Agung Automall Cabang Jambi. *Jurnal Inovasi Penelitian*, 2(10), 3391–3398. <https://stp-mataram.e-journal.id/JIP/article/view/1332>
- Muharani, R. (2019). Factor Related To The Incidence Of Workplace Accidents To workers In The Production. *Journal of Public Health Research and Community Health Development*, 2(3), 122–130.
- Nola, L. F. (2023). Darurat Kasus Kecelakaan Kerja di Indonesia. *Pusat Analisis Keparlemenan Badan Keahlian DPR RI*, XV(18).
- Noviansyah, K. . (2023). Sosialisasi Penerapan Peraturan K3 (Keselamatan Dan Kesehatan Kerja) pada Siswa SMA Negeri 1 Kikim Barat Lahat. *'Asabiyah: Jurnal Pengabdian Hukum*, 1(1), 16–22. <https://doi.org/10.32502/jph.v1i1.5928>
- Pralistami, Fitri. (2020). Hubungan Kelelahan Kerja dan Status Gizi dengan Produktivitas Kerja Pada Pemanen Kelapa Sawit Di Perkebunan Balam PT. Salim Ivomas Pratama TBK. Fakultas kesehatan Masyarakat. Universitas Islam Negeri Sumatera Utara.
- Priadana, S., & Sunarsi, D. (2021). Metode Penelitian Kuantitatif (I). Pascal Books. <https://lemlit.unpas.ac.id/wp-content/uploads/2022/02/Metode-Penelitian-Kuantitatif.pdf>

- Puterisari, D. U., & Wibawati, L. (2022). Implementasi Kesehatan, Kecelakaan, Dan Keselamatan Kerja (K3) Karyawan Pada Pt Alis Jaya Ciptatama Klaten. *Bussman Journal : Indonesian Journal of Business and Management*, 2(3), 733–746. <https://doi.org/10.53363/buss.v2i3.101>
- Rohani, Q. A., & Suhartini. (2021). Analisis Kecelakaan Kerja dengan Menggunakan Metode Risk Priority Number, Diagram Pareto, Fishbone, dan Five Why's Analysis. *Seminar Nasional Teknologi Industri Berkelanjutan I*, 136–143.
- RST, R., Yulistria, R., Handayani, E. P., & Nursanty, S. (2021). Pengaruh Keselamatan Dan Kesehatan Kerja (K3) Terhadap Produktivitas Kerja Karyawan. *Swabumi*, 9(2), 147–158. <https://doi.org/10.31294/swabumi.v9i2.11015>
- Salsabila, S. (2020). Analisis Faktor Yang Mempengaruhi Kecelakaan Kerja Pada Nelayan Di Wilayah Pesisir Belawan. In *Universitas Islam Negeri*. [http://repository.uinsu.ac.id/10502/1/SKRIPSI\\_SAVIRA\\_SALSABILA\\_FKM.pdf](http://repository.uinsu.ac.id/10502/1/SKRIPSI_SAVIRA_SALSABILA_FKM.pdf)
- Siregar, S. D., Nazara, W. D., & Pane, P. Y. (2022). Hubungan Perilaku Dengan Kecelakaan Kerja Pada Pekerja Bagian Pengelasan Di Pt Cahaya Baru Shipyard. *Jurnal Kedokteran STM (Sains Dan Teknologi Medik)*, 5(1), 22–28. <https://doi.org/10.30743/stm.v5i1.224>
- Sudalma. (2021). Komitmen Manajemen Dalam Pencegahan Kecelakaan Kerja. *Jurnal Widiya Praja*, 1(2), 33–37.
- Sulistyaningtyas, N. (2021). Analisis Faktor-Faktor Penyebab Kecelakaan Akibat Kerja Pada Pekerja Konstruksi: Literature Review. *Journal of Health Quality Development*, 1(1), 51–59. <https://doi.org/10.51577/jhq.v1i1.185>
- Ulya, L. L., & Wahyuningsih, A. S. (2023). Faktor-faktor yang Berhubungan dengan Kecelakaan Kerja di PT. Pijar Sukma Jepara. *Jurnal Kesehatan Masyarakat*, 11(2356–3346), 153–159.
- Vidya Natalia Eka Putri, A. S. W. (2022). Faktor - Faktor Yang Berhubungan Dengan Kecelakaan Kerja Di Pt.X, Desa Jladri, Kecamatan Buayan, Kabupaten Kebumen, Jawa Tengah. *Jurnal Kesehatan Masyarakat*, 10(6), 1–15.

Zhafira, Haura. (2020).Determinan Kecelakaan Kerja Karyawan Pabrik Kelapa Sawit Bagian Pengolahan DI PTPN IV Bah Jambi. In *Universitas Islam Negeri*. <http://repository.uinsu.ac.id/10502/1/>.



UNIVERSITAS ISLAM NEGERI  
SUMATERA UTARA MEDAN

**LAMPIRAN 1**  
**LEMBAR KUESIONER PENELITIAN**  
**DETERMINAN KECELAKAAN KERJA KARYAWAN PABRIK BAGIAN**  
**PENGOLAHANDI PABRIK KELAPA SAWIT (PKS) PTPN IV BANDAR PASIR**  
**MANDOGE**

| <b>A. Identitas Umum Responden</b> |   |
|------------------------------------|---|
| Nama Karyawan                      |   |
| Umur                               |   |
| Tingkat Pendidikan                 | <input type="checkbox"/> / Sederajat<br><input type="checkbox"/> IP/Sederajat<br><input type="checkbox"/> IA/Sederajat<br><input type="checkbox"/> perguruan Tinggi |
| Masa Kerja                         |   |

| <b>B. Penggunaan Alat Pelindung Diri</b> |  |    |       |
|--|--|----|-------|
| No                                       | Pertanyaan   | Ya | Tidak |
| 1  | Apakah Perusahaan menyediakan alat pelindung diri ?            |    |       |
| 2  | Apakah anda menggunakan APD secara lengkap pada saat bekerja ? |    |       |
| 3  | Apakah anda menggunakan sepatu safety saat bekerja?            |    |       |
| 4  | Apakah anda menggunakan Helm saat bekerja?                     |    |       |
| 5  | Apakah anda menggunakan Kacamata saat bekerja?                 |    |       |
| 6  | Apakah anda menggunakan sarung tangan saat bekerja?            |    |       |
| 7  | Apakah anda menggunakan masker saat bekerja?                   |    |       |
| 8  | Apakah anda menggunakan pelindung telinga?                     |    |       |

| <b>C. Perilaku</b> |   |              |              |
|--------------------|---|--------------|--------------|
| <b>No</b>          | <b>Pernyataan</b>   | <b>Benar</b> | <b>Salah</b> |
| 1                  | Terburu-buru saat bekerja mampu menyelesaikan pekerjaan dengan cepat dan aman                           |              |              |
| 2                  | Dengan mengikuti standar operasional pelaksanaan kerja maka dapat mencegah terjadinya kecelakaan kerja. |              |              |
| 3                  | Fasilitas P3K diperlukan untuk menangani pertolongan pertama pada saat terjadi kecelakaan               |              |              |
| 4                  | Merokok pada saat bekerja mampu mengurangi stress saat bekerja  |              |              |
| 5                  | Jika terdapat potensi berbahaya saya bekerja lebih berhati-hati dan menggunakan APD lengkap.            |              |              |

| <b>D. Lingkungan Fisik/Lantai Licin</b> |  |           |              |
|---|--|-----------|--------------|
| <b>No</b>                               | <b>Pertanyaan</b>  | <b>Ya</b> | <b>Tidak</b> |
| 1                                       | Apakah lantai di tempat kerja anda dalam keadaan licin?                              |           |              |
| 2                                       | Apakah anda melintas di lantai licin tanpa menggunakan sepatu boot sebagai pengaman? |           |              |
| 3                                       | Apakah anda pernah terjatuh karena lantai licin?                                     |           |              |
| 4                                       | Apakah aktifitas bekerja terhambat karena lantai licin?                              |           |              |

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| <b>E. Faktor Peralatan/ Kondisi Mesin</b> |  |           |              |
|---|--|-----------|--------------|
| <b>No</b>                                 | <b>Pernyataan</b>  | <b>Ya</b> | <b>Tidak</b> |
| 1   | Apakah bagian-bagian dari mesin yang berputar/bergerak diberi pelindung dengan baik? |           |              |
| 2   | Apakah pelindung tersebut dapat berfungsi dengan baik?                               |           |              |
| 3   | Apakah mesin yang digunakan berproduksi masih berfungsi dengan baik?                 |           |              |
| 4   | Apakah mesin yang digunakan masih dalam kondisi layak pakai ?                        |           |              |

| <b>F. Kecelakaan Kerja</b> |   |           |              |
|----------------------------|---|-----------|--------------|
| <b>No</b>                  | <b>Pertanyaan</b>   | <b>Ya</b> | <b>Tidak</b> |
| 1                          | Apakah anda pernah mengalami kecelakaan selama bekerja?                           |           |              |
| 2                          | Apakah anda pernah tertimpa benda yang terjatuh dari atas pada saat bekerja?      |           |              |
| 3                          | Apakah anda pernah terpeleset pada saat bekerja?                                  |           |              |
| 4                          | Apakah tangan atau kaki anda pernah terjepit oleh peralatan kerja selama bekerja? |           |              |
| 5                          | Apakah bagian tubuh anda pernah mengalami cedera selama bekerja?                  |           |              |
| 6                          | Apakah tangan dan kaki anda pernah tersayat benda tajam pada saat bekerja?        |           |              |

**LAMPIRAN 2**  
**UJI VALIDITAS DAN RELIABILITAS**

|            |                     | <b>Correlations</b> |            |            |            |            |            |            |            |        |
|------------|---------------------|---------------------|------------|------------|------------|------------|------------|------------|------------|--------|
|            |                     | APD<br>_Q1          | APD<br>_Q2 | APD<br>_Q3 | APD<br>_Q4 | APD<br>_Q5 | APD<br>_Q6 | APD<br>_Q7 | APD<br>_Q8 | Total  |
| APD<br>_Q1 | Pearson Correlation | 1                   | .176       | .388*      | .118       | .450*      | .005       | .184       | -.129      | .513** |
|            | Sig. (2-tailed)     |                     | .352       | .034       | .534       | .012       | .978       | .331       | .498       | .004   |
|            | N                   | 30                  | 30         | 30         | 30         | 30         | 30         | 30         | 30         | 30     |
| APD<br>_Q2 | Pearson Correlation | .176                | 1          | .280       | .671*      | .000       | .211       | .149       | .000       | .555** |
|            | Sig. (2-tailed)     | .352                |            | .134       | .000       | 1.000      | .264       | .432       | 1.000      | .001   |
|            | N                   | 30                  | 30         | 30         | 30         | 30         | 30         | 30         | 30         | 30     |
| APD<br>_Q3 | Pearson Correlation | .388*               | .280       | 1          | .224       | .365*      | .211       | .149       | .000       | .606** |
|            | Sig. (2-tailed)     | .034                | .134       |            | .235       | .047       | .264       | .432       | 1.000      | .000   |
|            | N                   | 30                  | 30         | 30         | 30         | 30         | 30         | 30         | 30         | 30     |
| APD<br>_Q4 | Pearson Correlation | .118                | .671*      | .224       | 1          | -.102      | .101       | -.111      | -.068      | .411*  |
|            | Sig. (2-tailed)     | .534                | .000       | .235       |            | .591       | .596       | .559       | .721       | .024   |
|            | N                   | 30                  | 30         | 30         | 30         | 30         | 30         | 30         | 30         | 30     |
| APD<br>_Q5 | Pearson Correlation | .450*               | .000       | .365*      | -.102      | 1          | .247       | .408*      | .389*      | .694** |
|            | Sig. (2-tailed)     | .012                | 1.000      | .047       | .591       |            | .188       | .025       | .034       | .000   |
|            | N                   | 30                  | 30         | 30         | 30         | 30         | 30         | 30         | 30         | 30     |
| APD<br>_Q6 | Pearson Correlation | .005                | .211       | .211       | .101       | .247       | 1          | .157       | .165       | .541** |
|            | Sig. (2-tailed)     | .978                | .264       | .264       | .596       | .188       |            | .407       | .384       | .002   |
|            | N                   | 30                  | 30         | 30         | 30         | 30         | 30         | 30         | 30         | 30     |
| APD<br>_Q7 | Pearson Correlation | .184                | .149       | .149       | -.111      | .408*      | .157       | 1          | .045       | .427*  |
|            | Sig. (2-tailed)     | .331                | .432       | .432       | .559       | .025       | .407       |            | .812       | .019   |
|            | N                   | 30                  | 30         | 30         | 30         | 30         | 30         | 30         | 30         | 30     |
| APD<br>_Q8 | Pearson Correlation | -.129               | .000       | .000       | -.068      | .389*      | .165       | .045       | 1          | .398*  |
|            | Sig. (2-tailed)     | .498                | 1.000      | 1.000      | .721       | .034       | .384       | .812       |            | .030   |
|            | N                   | 30                  | 30         | 30         | 30         | 30         | 30         | 30         | 30         | 30     |
| Total      | Pearson Correlation | .513*               | .555*      | .606*      | .411*      | .694*      | .541*      | .427*      | .398*      | 1      |



|                 |      |      |      |      |      |      |      |      |    |
|-----------------|------|------|------|------|------|------|------|------|----|
| Sig. (2-tailed) | .004 | .001 | .000 | .024 | .000 | .002 | .019 | .030 |    |
| N               | 30   | 30   | 30   | 30   | 30   | 30   | 30   | 30   | 30 |

\*. Correlation is significant at the 0.05 level (2-tailed).

\*\*. Correlation is significant at the 0.01 level (2-tailed).

### Reliability Statistics

| Cronbach's Alpha | N of Items |
|------------------|------------|
| .605             | 8          |

### Correlations

|       |            | Perilaku<br>Q1      | Perilaku<br>Q2 | Perilaku<br>Q3 | Perilaku<br>Q4 | Perilaku<br>Q5 | Total  |        |
|-------|------------|---------------------|----------------|----------------|----------------|----------------|--------|--------|
| 1     | Perilaku_Q | Pearson Correlation | 1              | .331           | .381*          | .384*          | .306   | .745** |
|       |            | Sig. (2-tailed)     |                | .074           | .038           | .036           | .101   | .000   |
|       |            | N                   | 30             | 30             | 30             | 30             | 30     | 30     |
| 2     | Perilaku_Q | Pearson Correlation | .331           | 1              | .443*          | .000           | .239   | .495** |
|       |            | Sig. (2-tailed)     | .074           |                | .014           | 1.000          | .203   | .005   |
|       |            | N                   | 30             | 30             | 30             | 30             | 30     | 30     |
| 3     | Perilaku_Q | Pearson Correlation | .381*          | .443*          | 1              | .433*          | .378*  | .783** |
|       |            | Sig. (2-tailed)     | .038           | .014           |                | .017           | .039   | .000   |
|       |            | N                   | 30             | 30             | 30             | 30             | 30     | 30     |
| 4     | Perilaku_Q | Pearson Correlation | .384*          | .000           | .433*          | 1              | .055   | .616** |
|       |            | Sig. (2-tailed)     | .036           | 1.000          | .017           |                | .775   | .000   |
|       |            | N                   | 30             | 30             | 30             | 30             | 30     | 30     |
| 5     | Perilaku_Q | Pearson Correlation | .306           | .239           | .378*          | .055           | 1      | .538** |
|       |            | Sig. (2-tailed)     | .101           | .203           | .039           | .775           |        | .002   |
|       |            | N                   | 30             | 30             | 30             | 30             | 30     | 30     |
| Total |            | Pearson Correlation | .745**         | .495**         | .783**         | .616**         | .538** | 1      |
|       |            | Sig. (2-tailed)     | .000           | .005           | .000           | .000           | .002   |        |
|       |            | N                   | 30             | 30             | 30             | 30             | 30     | 30     |

\*. Correlation is significant at the 0.05 level (2-tailed).

\*\*. Correlation is significant at the 0.01 level (2-tailed).

### Reliability Statistics

| Cronbach's Alpha | N of Items |
|------------------|------------|
| .674             | 5          |

### Correlations

|                 |                 | Lantai<br>Licin_Q1 | Lantai<br>Licin_Q2 | Lantai<br>Licin_Q3 | Lantai<br>Licin_Q4 | Total  |
|-----------------|-----------------|--------------------|--------------------|--------------------|--------------------|--------|
| Lantai Licin_Q1 | Pearson         | 1                  | .321               | .262               | .262               | .709** |
|                 | Correlation     |                    |                    |                    |                    |        |
|                 | Sig. (2-tailed) |                    | .084               | .161               | .161               | .000   |
| N               |                 | 30                 | 30                 | 30                 | 30                 | 30     |
| Lantai Licin_Q2 | Pearson         | .321               | 1                  | -.048              | .111               | .514** |
|                 | Correlation     |                    |                    |                    |                    |        |
|                 | Sig. (2-tailed) | .084               |                    | .803               | .559               | .004   |
| N               |                 | 30                 | 30                 | 30                 | 30                 | 30     |
| Lantai Licin_Q3 | Pearson         | .262               | -.048              | 1                  | .841**             | .715** |
|                 | Correlation     |                    |                    |                    |                    |        |
|                 | Sig. (2-tailed) | .161               | .803               |                    | .000               | .000   |
| N               |                 | 30                 | 30                 | 30                 | 30                 | 30     |
| Lantai Licin_Q4 | Pearson         | .262               | .111               | .841**             | 1                  | .771** |
|                 | Correlation     |                    |                    |                    |                    |        |
|                 | Sig. (2-tailed) | .161               | .559               | .000               |                    | .000   |
| N               |                 | 30                 | 30                 | 30                 | 30                 | 30     |
| Total           | Pearson         | .709**             | .514**             | .715**             | .771**             | 1      |
|                 | Correlation     |                    |                    |                    |                    |        |
|                 | Sig. (2-tailed) | .000               | .004               | .000               | .000               |        |
| N               |                 | 30                 | 30                 | 30                 | 30                 | 30     |

\*\* . Correlation is significant at the 0.01 level (2-tailed).

### Reliability Statistics

| Cronbach's Alpha | N of Items |
|------------------|------------|
| .621             | 4          |

### Correlations

|                     |             | Kondisi<br>Mesin_Q1 | Kondisi<br>Mesin_Q2 | Kondisi<br>Mesin_Q3 | Kondisi<br>Mesin_Q4 | Total  |
|---------------------|-------------|---------------------|---------------------|---------------------|---------------------|--------|
| Kondisi<br>Mesin_Q1 | Pearson     | 1                   | .447*               | -.111               | .557**              | .592** |
|                     | Correlation |                     |                     |                     |                     |        |

|                  |                     |        |        |        |        |        |
|------------------|---------------------|--------|--------|--------|--------|--------|
|                  | Sig. (2-tailed)     |        | .013   | .559   | .001   | .001   |
|                  | N                   | 30     | 30     | 30     | 30     | 30     |
| Kondisi Mesin_Q2 | Pearson Correlation | .447*  | 1      | .447*  | .415*  | .895** |
|                  | Sig. (2-tailed)     | .013   |        | .013   | .023   | .000   |
|                  | N                   | 30     | 30     | 30     | 30     | 30     |
| Kondisi Mesin_Q3 | Pearson Correlation | -.111  | .447*  | 1      | -.062  | .592** |
|                  | Sig. (2-tailed)     | .559   | .013   |        | .745   | .001   |
|                  | N                   | 30     | 30     | 30     | 30     | 30     |
| Kondisi Mesin_Q4 | Pearson Correlation | .557** | .415*  | -.062  | 1      | .540** |
|                  | Sig. (2-tailed)     | .001   | .023   | .745   |        | .002   |
|                  | N                   | 30     | 30     | 30     | 30     | 30     |
| Total            | Pearson Correlation | .592** | .895** | .592** | .540** | 1      |
|                  | Sig. (2-tailed)     | .001   | .000   | .001   | .002   |        |
|                  | N                   | 30     | 30     | 30     | 30     | 30     |

\*. Correlation is significant at the 0.05 level (2-tailed).

\*\* . Correlation is significant at the 0.01 level (2-tailed).

### Reliability Statistics

| Cronbach's Alpha | N of Items |
|------------------|------------|
| .602             | 4          |

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### Correlations

|         |                     | Kec<br>Kerja_Q<br>1 | Kec<br>Kerja_Q<br>2 | Kec<br>Kerja_<br>Q3 | Kec<br>Kerja_<br>Q4 | Kec<br>Kerja_<br>Q5 | Kec<br>Kerja_<br>Q6 | Total  |
|---------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|--------|
| Kec     | Pearson Correlation | 1                   | .535**              | .367*               | .356                | .356                | .223                | .872** |
| Kerja_Q | Sig. (2-tailed)     |                     | .002                | .046                | .053                | .053                | .237                | .000   |
| 1       | N                   | 30                  | 30                  | 30                  | 30                  | 30                  | 30                  | 30     |

|         |                     |        |        |        |       |       |       |        |
|---------|---------------------|--------|--------|--------|-------|-------|-------|--------|
| Kec     | Pearson Correlation | .535** | 1      | .167   | .389* | .111  | .049  | .650** |
| Kerja_Q | Sig. (2-tailed)     | .002   |        | .379   | .034  | .559  | .797  | .000   |
| 2       | N                   | 30     | 30     | 30     | 30    | 30    | 30    | 30     |
| Kec     | Pearson Correlation | .367*  | .167   | 1      | .111  | .111  | .294  | .589** |
| Kerja_Q | Sig. (2-tailed)     | .046   | .379   |        | .559  | .559  | .115  | .001   |
| 3       | N                   | 30     | 30     | 30     | 30    | 30    | 30    | 30     |
| Kec     | Pearson Correlation | .356   | .389*  | .111   | 1     | -.111 | -.131 | .433*  |
| Kerja_Q | Sig. (2-tailed)     | .053   | .034   | .559   |       | .559  | .491  | .017   |
| 4       | N                   | 30     | 30     | 30     | 30    | 30    | 30    | 30     |
| Kec     | Pearson Correlation | .356   | .111   | .111   | -.111 | 1     | .196  | .433*  |
| Kerja_Q | Sig. (2-tailed)     | .053   | .559   | .559   | .559  |       | .299  | .017   |
| 5       | N                   | 30     | 30     | 30     | 30    | 30    | 30    | 30     |
| Kec     | Pearson Correlation | .223   | .049   | .294   | -.131 | .196  | 1     | .438*  |
| Kerja_Q | Sig. (2-tailed)     | .237   | .797   | .115   | .491  | .299  |       | .016   |
| 6       | N                   | 30     | 30     | 30     | 30    | 30    | 30    | 30     |
| Total   | Pearson Correlation | .872** | .650** | .589** | .433* | .433* | .438* | 1      |
|         | Sig. (2-tailed)     | .000   | .000   | .001   | .017  | .017  | .016  |        |
|         | N                   | 30     | 30     | 30     | 30    | 30    | 30    | 30     |

\*\* . Correlation is significant at the 0.01 level (2-tailed).

\* . Correlation is significant at the 0.05 level (2-tailed).

#### Reliability Statistics

| Cronbach's Alpha | N of Items |
|------------------|------------|
| .632             | 6          |

UNIVERSITAS ISLAM NEGERI  
SUMATERA UTARA MEDAN

### LAMPIRAN 3

## HASIL ANALISIS UNIVARIAT, BIVARIAT & MULTIVARIAT

### 1. Hasil Univariat

| <b>Umur</b> |       |           |         |               |                    |
|-------------|-------|-----------|---------|---------------|--------------------|
|             |       | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid       | 30-35 | 3         | 3.0     | 3.0           | 3.0                |
|             | 36-40 | 9         | 9.0     | 9.0           | 12.0               |
|             | 41-45 | 19        | 19.0    | 19.0          | 31.0               |
|             | 46-50 | 44        | 44.0    | 44.0          | 75.0               |
|             | 51-55 | 25        | 25.0    | 25.0          | 100.0              |
|             | Total |           | 100     | 100.0         | 100.0              |

| <b>Tingkat Pendidikan</b> |       |           |         |               |                    |
|---------------------------|-------|-----------|---------|---------------|--------------------|
|                           |       | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid                     | S1    | 3         | 3.0     | 3.0           | 3.0                |
|                           | SD    | 12        | 12.0    | 12.0          | 15.0               |
|                           | SMA   | 59        | 59.0    | 59.0          | 74.0               |
|                           | SMP   | 26        | 26.0    | 26.0          | 100.0              |
|                           | Total |           | 100     | 100.0         | 100.0              |

| <b>Masa Kerja</b> |            |           |         |               |                    |
|-------------------|------------|-----------|---------|---------------|--------------------|
|                   |            | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid             | < 18 Tahun | 12        | 12.0    | 12.0          | 12.0               |
|                   | ≥ 18 Tahun | 88        | 88.0    | 88.0          | 100.0              |
|                   | Total      |           | 100     | 100.0         | 100.0              |

| <b>Penggunaan_APD</b> |        |           |         |               |                    |
|-----------------------|--------|-----------|---------|---------------|--------------------|
|                       |        | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid                 | Tidak  | 59        | 59.0    | 59.0          | 59.0               |
|                       | Sesuai | 41        | 41.0    | 41.0          | 100.0              |
|                       | Total  |           | 100     | 100.0         | 100.0              |

### Perilaku

|       |            | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|------------|-----------|---------|---------------|--------------------|
| Valid | Tidak Baik | 40        | 40.0    | 40.0          | 40.0               |
|       | Baik       | 60        | 60.0    | 60.0          | 100.0              |
|       | Total      | 100       | 100.0   | 100.0         |                    |

### Lantai

|       |             | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|-------------|-----------|---------|---------------|--------------------|
| Valid | Tidak Licin | 60        | 60.0    | 60.0          | 60.0               |
|       | Licin       | 40        | 40.0    | 40.0          | 100.0              |
|       | Total       | 100       | 100.0   | 100.0         |                    |

### Alat/Kondisi Mesin

|       |                | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|----------------|-----------|---------|---------------|--------------------|
| Valid | Tidak Berisiko | 34        | 34.0    | 34.0          | 34.0               |
|       | Berisiko       | 66        | 66.0    | 66.0          | 100.0              |
|       | Total          | 100       | 100.0   | 100.0         |                    |

## 2. Bivariat

### Penggunaan\_APD \* Total\_Kecelakaan\_Kerja Crosstabulation

|                        |        | Total_Kecelakaan_Kerja |        |       |        |
|------------------------|--------|------------------------|--------|-------|--------|
|                        |        | Tidak Pernah           | Pernah | Total |        |
| Score_APD              | Tidak  | Count                  | 17     | 42    | 59     |
|                        |        | % within Score_APD     | 28.8%  | 71.2% | 100.0% |
|                        | Sesuai | Count                  | 21     | 20    | 41     |
|                        |        | % within Score_APD     | 51.2%  | 48.8% | 100.0% |
| Total_Kecelakaan_Kerja |        | % within               | 44.7%  | 67.7% | 59.0%  |
| Total                  |        | Count                  | 38     | 62    | 100    |
|                        |        | % within Score_APD     | 38.0%  | 62.0% | 100.0% |

|                        |        |        |        |
|------------------------|--------|--------|--------|
| % within               | 100.0% | 100.0% | 100.0% |
| Total Kecelakaan Kerja |        |        |        |

### Chi-Square Tests

|                                    | Value              | df | Asymptotic Significance (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
|------------------------------------|--------------------|----|-----------------------------------|----------------------|----------------------|
| Pearson Chi-Square                 | 5.155 <sup>a</sup> | 1  | .023                              |                      |                      |
| Continuity Correction <sup>b</sup> | 4.247              | 1  | .039                              |                      |                      |
| Likelihood Ratio                   | 5.143              | 1  | .023                              |                      |                      |
| Fisher's Exact Test                |                    |    |                                   | .036                 | .020                 |
| Linear-by-Linear Association       | 5.103              | 1  | .024                              |                      |                      |
| N of Valid Cases                   | 100                |    |                                   |                      |                      |

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 15,58.

b. Computed only for a 2x2 table

### Perilaku \* Total\_Kecelakaan\_Kerja Crosstabulation

|                |            | Total_Kecelakaan_Kerja          |        |        |        |
|----------------|------------|---------------------------------|--------|--------|--------|
|                |            | Tidak Pernah                    | Pernah | Total  |        |
| Score_Perilaku | Tidak Baik | Count                           | 10     | 30     | 40     |
|                |            | % within Score_Perilaku         | 25.0%  | 75.0%  | 100.0% |
|                |            | % within Total_Kecelakaan_Kerja | 26.3%  | 48.4%  | 40.0%  |
|                |            | Total_Kecelakaan_Kerja          |        |        |        |
|                | Baik       | Count                           | 28     | 32     | 60     |
|                |            | % within Score_Perilaku         | 46.7%  | 53.3%  | 100.0% |
|                |            | % within Total_Kecelakaan_Kerja | 73.7%  | 51.6%  | 60.0%  |
|                |            | Total_Kecelakaan_Kerja          |        |        |        |
| Total          |            | Count                           | 38     | 62     | 100    |
|                |            | % within Score_Perilaku         | 38.0%  | 62.0%  | 100.0% |
|                |            | % within Total_Kecelakaan_Kerja | 100.0% | 100.0% | 100.0% |
|                |            | Total_Kecelakaan_Kerja          |        |        |        |

### Chi-Square Tests

|                    | Value              | df | Asymptotic Significance (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
|--------------------|--------------------|----|-----------------------------------|----------------------|----------------------|
| Pearson Chi-Square | 4.782 <sup>a</sup> | 1  | .029                              |                      |                      |

|                                    |       |   |      |      |      |
|------------------------------------|-------|---|------|------|------|
| Continuity Correction <sup>b</sup> | 3.907 | 1 | .048 |      |      |
| Likelihood Ratio                   | 4.915 | 1 | .027 |      |      |
| Fisher's Exact Test                |       |   |      | .036 | .023 |
| Linear-by-Linear Association       | 4.734 | 1 | .030 |      |      |
| N of Valid Cases                   | 100   |   |      |      |      |

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 15,20.

b. Computed only for a 2x2 table

### Lantai \* Total\_Kecelakaan\_Kerja Crosstabulation

|              |             | Total_Kecelakaan_Kerja          |        |        |        |
|--------------|-------------|---------------------------------|--------|--------|--------|
|              |             | Tidak Pernah                    | Pernah | Total  |        |
| Score_Lantai | Tidak Licin | Count                           | 28     | 32     | 60     |
|              |             | % within Score_Lantai           | 46.7%  | 53.3%  | 100.0% |
|              |             | % within Total_Kecelakaan_Kerja | 73.7%  | 51.6%  | 60.0%  |
|              |             | Total_Kecelakaan_Kerja          |        |        |        |
|              | Licin       | Count                           | 10     | 30     | 40     |
|              |             | % within Score_Lantai           | 25.0%  | 75.0%  | 100.0% |
|              |             | % within Total_Kecelakaan_Kerja | 26.3%  | 48.4%  | 40.0%  |
|              |             | Total_Kecelakaan_Kerja          |        |        |        |
| Total        |             | Count                           | 38     | 62     | 100    |
|              |             | % within Score_Lantai           | 38.0%  | 62.0%  | 100.0% |
|              |             | % within Total_Kecelakaan_Kerja | 100.0% | 100.0% | 100.0% |

### Chi-Square Tests

|                                    | Value              | df | Asymptotic Significance (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
|------------------------------------|--------------------|----|-----------------------------------|----------------------|----------------------|
| Pearson Chi-Square                 | 4.782 <sup>a</sup> | 1  | .029                              |                      |                      |
| Continuity Correction <sup>b</sup> | 3.907              | 1  | .048                              |                      |                      |
| Likelihood Ratio                   | 4.915              | 1  | .027                              |                      |                      |



|                              |       |   |      |      |      |
|------------------------------|-------|---|------|------|------|
| Fisher's Exact Test          |       |   |      | .036 | .023 |
| Linear-by-Linear Association | 4.734 | 1 | .030 |      |      |
| N of Valid Cases             | 100   |   |      |      |      |

- a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 15,20.  
b. Computed only for a 2x2 table

### Alat/Kondisi Mesin \* Total\_Kecelakaan\_Kerja Crosstabulation

|                    |                | Total_Kecelakaan_Kerja          |        |        |        |
|--------------------|----------------|---------------------------------|--------|--------|--------|
|                    |                | Tidak Pernah                    | Pernah | Total  |        |
| Alat/Kondisi Mesin | Tidak Berisiko | Count                           | 18     | 16     | 34     |
|                    |                | % within Alat/Kondisi Mesin     | 52.9%  | 47.1%  | 100.0% |
|                    |                | % within Total_Kecelakaan_Kerja | 47.4%  | 25.8%  | 34.0%  |
| Berisiko           |                | Count                           | 20     | 46     | 66     |
|                    |                | % within Alat/Kondisi Mesin     | 30.3%  | 69.7%  | 100.0% |
|                    |                | % within Total_Kecelakaan_Kerja | 52.6%  | 74.2%  | 66.0%  |
| Total              |                | Count                           | 38     | 62     | 100    |
|                    |                | % within Alat/Kondisi Mesin     | 38.0%  | 62.0%  | 100.0% |
|                    |                | % within Total_Kecelakaan_Kerja | 100.0% | 100.0% | 100.0% |

### Chi-Square Tests

|                                    | Value              | df | Asymptotic Significance (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
|------------------------------------|--------------------|----|-----------------------------------|----------------------|----------------------|
| Pearson Chi-Square                 | 4.881 <sup>a</sup> | 1  | .027                              |                      |                      |
| Continuity Correction <sup>b</sup> | 3.968              | 1  | .046                              |                      |                      |
| Likelihood Ratio                   | 4.826              | 1  | .028                              |                      |                      |
| Fisher's Exact Test                |                    |    |                                   | .032                 | .024                 |
| Linear-by-Linear Association       | 4.832              | 1  | .028                              |                      |                      |
| N of Valid Cases                   | 100                |    |                                   |                      |                      |

- a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 12,92.  
b. Computed only for a 2x2 table

### 3. Multivariat

#### Model Awal

**Variables in the Equation**

|                |                    | B      | S.E.  | Wald  | df | Sig. | Exp(B) | 95% C.I. for EXP(B) |       |
|----------------|--------------------|--------|-------|-------|----|------|--------|---------------------|-------|
|                |                    |        |       |       |    |      |        | Lower               | Upper |
| Step           | Score_APD          | -1.069 | .470  | 5.173 | 1  | .023 | .343   | .137                | .863  |
| 1 <sup>a</sup> | Score_Perilaku     | -1.144 | .496  | 5.307 | 1  | .021 | .319   | .120                | .843  |
|                | Score_Lantai       | 1.317  | .499  | 6.970 | 1  | .008 | 3.734  | 1.404               | 9.928 |
|                | Alat/Kondisi Mesin | .902   | .485  | 3.456 | 1  | .063 | 2.464  | .952                | 6.373 |
|                | Constant           | .579   | 1.454 | .158  | 1  | .691 | 1.784  |                     |       |

a. Variable(s) entered on step 1: Score\_APD, Score\_Perilaku, Score\_Lantai, Alat/Kondisi Mesin.

#### Alat/Kondisi Mesin dikeluarkan (Model Akhir)

**Variables in the Equation**

|                |                | B      | S.E.  | Wald  | Df | Sig. | Exp(B) | 95% C.I. for EXP(B) |       |
|----------------|----------------|--------|-------|-------|----|------|--------|---------------------|-------|
|                |                |        |       |       |    |      |        | Lower               | Upper |
| Step           | Score_APD      | -1.066 | .459  | 5.378 | 1  | .020 | .345   | .140                | .848  |
| 1 <sup>a</sup> | Score_Perilaku | -1.250 | .488  | 6.559 | 1  | .010 | .287   | .110                | .746  |
|                | Score_Lantai   | 1.291  | .490  | 6.943 | 1  | .008 | 3.638  | 1.392               | 9.507 |
|                | Constant       | 2.272  | 1.138 | 3.982 | 1  | .046 | 9.695  |                     |       |

a. Variable(s) entered on step 1: Score\_APD, Score\_Perilaku, Score\_Lantai.

## LAMPIRAN 4

### SURAT IZIN DAN SURAT BALASAN PENELITIAN

#### 1. Surat Izin Penelitian



KEMENTERIAN AGAMA REPUBLIK INDONESIA  
UNIVERSITAS ISLAM NEGERI SUMATERA UTARA MEDAN  
FAKULTAS KESEHATAN MASYARAKAT  
Jl. Williem Iskandar Pasar V Medan Estate 20371  
Telp. (061) 6615683-6622925 Fax. 6615683

Nomor : B.152/Un.11/KM I/PP.00.9/01/2024

22 Januari 2024

Lampiran : -

Hal : Izin Riset

**Yth. Bapak/Ibu Kepala Kepala Manager Pabrik Kelapa Sawit Pasir Mandoge**

*Assalamualaikum Wr. Wb.*

Dengan Hormat, diberitahukan bahwa untuk mencapai gelar Sarjana Strata Satu (S1) bagi Mahasiswa Fakultas Kesehatan Masyarakat adalah menyusun Skripsi (Karya Ilmiah), kami tugaskan mahasiswa:

Nama : Nurafrillia Ningsih  
NIM : 0801201027  
Tempat/Tanggal Lahir : Setia Tawar, 13 April 2002  
Program Studi : Ilmu Kesehatan Masyarakat  
Semester : VII (Tujuh)  
Alamat : Dusun IV Bandar Pasir Mandoge Kelurahan Desa Huta Bagasan  
Kecamatan Bandar Pasir Mandoge

untuk hal dimaksud kami mohon memberikan Izin dan bantuannya terhadap pelaksanaan Riset di PTP Nusantara IV, Bandar Pasir Mandoge, guna memperoleh informasi/keterangan dan data-data yang berhubungan dengan Skripsi (Karya Ilmiah) yang berjudul:

***Determinan Kecelakaan Kerja Karyawan Pabrik Bagian Pengolahan di PKS (Pabrik Kelapa Sawit) PTPN IV Bandar Pasir Mandoge***

Demikian kami sampaikan, atas bantuan dan kerjasamanya diucapkan terima kasih.

Medan, 22 Januari 2024

a.n. DEKAN  
Wakil Dekan Bidang Akademik dan  
Kelembagaan



*Digitally Signed*

**Dr. Hasrat Efendi Samosir, MA**  
NIP. 197311122000031002

Tembusan:

- Dekan Fakultas Kesehatan Masyarakat UIN Sumatera Utara Medan

Info : Silahkan scan QRCode diatas dan klik link yang muncul, untuk mengetahui keaslian surat

## 2. Surat Balasan Izin Penelitian



**UNIT PKS PASIR MANDOGÉ**  
PT PERKEBUNAN NUSANTARA IV REGIONAL - II  
**ASAHAN – SUMATERA UTARA**

- KANTOR UNIT USAHA : PKS PASIR MANDOGÉ  
- KANTOR PUSAT : JL. LETJEND SUPRAPTO NO. 2 MEDAN TELP : (061) 4154666 - FAX : (061) 4573117

Pasir Mandoge, 12 Februari 2024

Nomor: 2PPM/X/2024/II /2024  
Lamp : -  
Hal : Izin Riset

Kepada Yth :  
Universitas Islam Negeri  
Sumatera Utara  
Fakutas Kesehatan Masyarakat  
di-  
Tempat

Sesuai surat Kementerian Agama Republik Indonesia Universitas Islam Negeri Sumatera Utara Fakultas Kesehatan Masyarakat Nomor : B.152/Un.11/KM I/PP.00.9/01/2024 perihal izin riset.

Berdasarkan hal tersebut diatas bersama ini disampaikan bahwa kami memberikan izin riset kepada :

Nama : Nurafriila Ningsi  
NIM : 0801201027  
Tempat/Tanggal lahir : Setia Tawar, 13 April 2002  
Program Studi : Ilmu Kesehatan Masyarakat  
Semeter : VII (Tujuh)  
Alamat : Dusun IV Desa Huta Bagasan Kecamatan BP. Mandoge Kabupaten Asahan Provinsi Sumatera Utara

Demikian disampaikan atas perhatiannya diucapkan terima kasih.

PT PERKEBUNAN NUSANTARA IV  
REGIONAL II



Wilmar Lubis  
Manajer

Tembusan :  
1. Arsip

## LAMPIRAN 5 DOKUMENTASI

### 1. Dokumentasi Pengambilan Data Responden



### 2. Wawancara Dengan Responden







### 3. Kondisi Lantai dan Lingkungan PKS Pasir Mandoge

