

Lampiran 1. Data Pekerja *Plant Operator* PT. X Jawa Timur

| No. | Nama | Shift Team | Grade |
|-----|--------------|------------|-------|
| 1 | Responden 1 | A | PO |
| 2 | Responden 2 | A | PO |
| 3 | Responden 3 | A | PO |
| 4 | Responden 4 | A | PO |
| 5 | Responden 5 | A | PO |
| 6 | Responden 6 | A | PO |
| 7 | Responden 7 | B | PO |
| 8 | Responden 8 | B | PO |
| 9 | Responden 9 | B | PO |
| 10 | Responden 10 | B | PO |
| 11 | Responden 11 | B | PO |
| 12 | Responden 12 | B | PO |
| 13 | Responden 13 | C | PO |
| 14 | Responden 14 | C | PO |
| 15 | Responden 15 | C | PO |
| 16 | Responden 16 | C | PO |
| 17 | Responden 17 | C | PO |
| 18 | Responden 18 | C | PO |
| 19 | Responden 19 | C | PO |
| 20 | Responden 20 | D | PO |
| 21 | Responden 21 | D | PO |
| 22 | Responden 22 | D | PO |
| 23 | Responden 23 | D | PO |
| 24 | Responden 24 | D | PO |
| 25 | Responden 25 | D | PO |
| 26 | Responden 26 | D | PO |
| 27 | Responden 27 | E | PO |
| 28 | Responden 28 | E | PO |

| | | | |
|----|--------------|----------|----|
| 29 | Responden 29 | E | PO |
| 30 | Responden 30 | E | PO |
| 31 | Responden 31 | E | PO |
| 32 | Responden 32 | E | PO |
| 33 | Responden 33 | E | PO |
| 34 | Responden 34 | Day Team | PO |
| 35 | Responden 35 | Day Team | PO |
| 36 | Responden 36 | Day Team | PO |
| 37 | Responden 37 | Day Team | PO |

Lampiran 2. Kuisisioner

KUESIONER PENELITIAN

PEMETAAN RISIKO KEBISINGAN DAN HUBUNGAN KEPATUHAN PEMAKAIAN ALAT PELINDUNG TELINGA TERHADAP NILAI AMBANG DENGAR PADA PEKERJA DI PT.X JAWA TIMUR

Yth, Saudara/ i

Selamat Pagi/ Siang/ Sore

Assalamu' alaikum wr. Wb

Saya adalah mahasiswa S1 Program Studi Teknik Lingkungan Fakultas Teknik Sipil dan Perencanaan Universitas Islam Indonesia angkatan tahun 2014 dalam proses menyusun Tugas Akhir mengenai Pemetaan Risiko Kebisingan dan Analisis Faktor Yang mempengaruhi Dampak Kebisingan Pada Pekerja Di PT.X Jawa Timur. Oleh karena itu, saya membutuhkan informasi sebagai data penelitian dan mohon kesediaan Saudara untuk menjadi responden dan menjawab pertanyaan yang tertera pada lembar kuisisioner. Semua jawaban yang Saudara tulis akan sangat membantu saya. Penelitian ini tidak akan mencapai sasaran apabila jawaban Saudar tidak sesuai dengan apa yang ada pada diri Saudara. Semua data akan dirahasiakan dan hanya digunakan untuk penelitian ini. Sebelum mengembalikan kuisisioner ini, mohon periksa kembali jawaban Saudara. Jawablah dengan jujur dan jangan sampai ada bagian yang terlewatkan.

Atas bantuan kerja sama yang Saudara berikan, saya ucapkan terimakasih.

Hormat Saya

Aditio Suryanto

Identitas Responden:

Nama :
Umur : Tahun
Jenis Kelamin : L/P
Pendidikan Terakhir :
Masa Bekerja : Tahun

Kuisisioner Pengetahuan Mengenai Alat Pelindung Telinga (APT)

Petunjuk Pengisian:

Mohon dengan hormat bantuan dan kesediaan saudara untuk menjawab seluruh pertanyaan yang ada. Hanya ada satu jawaban. Pilihlah yang paling tepat dengan memberi tsaudara (X).

1. Apakah yang dimaksud dengan Alat Pelindung Telinga (APT) ?
 - a. Alat yang digunakan untuk melindungi telinga dari bahaya paparan kebisingan
 - b. Alat yang digunakan untuk melindungi telinga dari kotoran
 - c. Alat yang digunakan untuk melindungi seluruh tubuh
2. Yang manakah dibawah ini merupakan Alat Pelindung Telinga (APT) ?
 - a. Ear plug dan kaca mata
 - b. Ear plug dan ear muff
 - c. Ear muff dan sarung tangan
3. Kapankah penggunaan Alat Pelindung Telinga (APT) yang tepat ?
 - a. Saat bekerja dengan intensitas kebisingan tinggi
 - b. Saat bekerja di siang hari
 - c. Setiap saat
4. Di area manakah Alat Pelindung Telinga (APT) wajib digunakan?
 - a. Di tempat kerja yang tinggi
 - b. Di seluruh area kerja

- c. Di area kebisingan tinggi (*hearing protection zone*)
5. Apakah akibatnya jika Saudara tidak menggunakan Alat Pelindung Telinga (APT) saat bekerja pada area yang diwajibkan menggunakan Alat Pelindung Telinga (APT)?
 - a. Tidak berakibat
 - b. Bisa menimbulkan kecelakaan
 - c. Bisa menimbulkan efek negatif terhadap indra pendengaran
 6. Penggunaan Alat Pelindung Telinga (APT) harus sesuai dengan ?
 - a. Kemampuan
 - b. Keinginan
 - c. Stsaudaran dan peraturan
 7. Apa yang harus dilakukan ketika melihat teman Saudara tidak menggunakan Alat Pelindung Telinga (APT) di area kebisingan tinggi (*hearing protection zone*) ?
 - a. Menegur dan mengingatkan
 - b. Membiarkan
 - c. Memarahi
 8. Kapan Alat Pelindung Telinga (APT) boleh dilepas ?
 - a. Ketika sudah lelah
 - b. Saat keluar dari area kebisingan tinggi (*hearing protection zone*)
 - c. Setiap saat
 9. Apa yang Saudara lakukan jika Alat Pelindung Telinga (APT) tidak disediakan perusahaan di saat Saudara harus bekerja di area kebisingan tinggi (*hearing protection zone*) ?
 - a. Tetap bekerja tanpa Alat Pelindung Telinga (APT)
 - b. Mengganti Alat Pelindung Telinga (APT) dengan menggunakan tisu
 - c. Tidak bekerja sampai di sediakan Alat Pelindung Telinga (APT)
 10. Menurut Saudara apakah Alat Pelindung Telinga (APT) dapat menghilangkan bahaya kebisingan ?
 - a. Ya

- b. Tidak
- c. Bahaya tidak dapat dihilangkan, Alat Pelindung Telinga (APT) hanya melindungi

Kuisisioner Gangguan Akibat Kebisingan Saat Bekerja

Petunjuk Pengisian:

Lengkapi pertanyaan berikut pada kolom yang paling tepat menurut saudara. Hanya ada satu jawaban dengan memberi Saudara centang (√) pada salah satu dari dua pilihan hasil jawaban pada pertanyaan dibawah ini.

| No. | Indikator | Jawaban | |
|-----|--|---------|----|
| | | Tidak | Ya |
| 1 | Apakah Saudara merasa terganggu oleh suara di tempat Saudara bekerja saat ini ? | | |
| 2 | Apakah suara bising yang ditimbulkan oleh lingkungan kerja saudara mengganggu perhatian/konsentrasi saudara ? | | |
| 3 | Apakah Saudara harus berteriak jika sedang berbicara dengan rekan kerja saat Saudara bekerja ? | | |
| 4 | Apakah Saudara harus melihat dan memperhatikan bibir rekan kerja Saudara agar mengerti atau paham apa yang diucapkannya saat bekerja | | |
| 5 | Apakah Saudara pernah ditegur oleh rekan kerja Saudara ketika sedang bekerja, karena Saudara kurang jelas menangkap atau memahami apa yang dibicarakan olehnya ? | | |
| 6 | Apakah suara bising di tempat kerja membuat Saudara menjadi lebih mudah emosi atau marah dalam bekerja ? | | |
| 7 | Apakah telinga Saudara mendengung sesaat setelah bekerja ? | | |
| 8 | Apakah Saudara merasa ingin mengurangi suara bising di tempat | | |

| | | | |
|----|---|--|--|
| | saudara bekerja ? | | |
| 9 | Jika memungkinkan, apakah Saudara menghendaki untuk pindah tempat kerja ke area yang lebih tenang ? | | |
| 10 | Menurut Saudara, dengan kondisi bising yang ada di tempat kerja sekarang ini, apakah hal tersebut cukup berpengaruh terhadap produktivitas diri Saudara dalam bekerja ? | | |

Kuisisioner Kepatuhan Pemakaian Alat Pelindung Telinga (APT)

Petunjuk Pengisian:

Lengkapi pertanyaan berikut pada kolom yang paling tepat menurut saudara. Hanya ada satu jawaban dengan memberi saudara centang (√) pada salah satu dari dua pilihan hasil jawaban pada pertanyaan dibawah ini.

| No. | Indikator | Jawaban | |
|-----|--|---------|----|
| | | Tidak | Ya |
| 1 | Apakah Alat Pelindung Telinga (APT) itu penting bagi Saudara ? | | |
| 2 | Apakah Saudara menggunakan Alat Pelindung Telinga (APT) dengan lengkap, baik dan benar ? | | |
| 3 | Apakah Saudara menggunakan Alat Pelindung Telinga (APT) sesuai standar ? | | |
| 4 | Apakah Saudara menggunakan Alat Pelindung Telinga (APT) walaupun belum ada perintah atau teguran dari atasan Saudara ? | | |
| 5 | Apakah Saudara menggunakan Alat Pelindung Telinga (APT) walaupun mengganggu kenyamanan saat bekerja ? | | |
| 6 | Apakah Saudara menggunakan Alat Pelindung Telinga (APT) walaupun tidak ada pengawas atau auditor ? | | |
| 7 | Apakah Saudara menggunakan Alat Pelindung Telinga (APT) walaupun tidak diberi penghargaan ? | | |

| | | | |
|----|--|--|--|
| 8 | Apakah Saudara peduli dengan rekan kerja Saudara yang tidak menggunakan Alat Pelindung Telinga (APT) ? | | |
| 9 | Apakah Saudara selalu bekerja menggunakan Alat Pelindung Telinga (APT) ? | | |
| 10 | Apakah Saudara akan konsisten menggunakan Alat Pelindung Telinga (APT) saat bekerja ? | | |

Lampiran 3. Data Umur dan Masa Kerja Pekerja

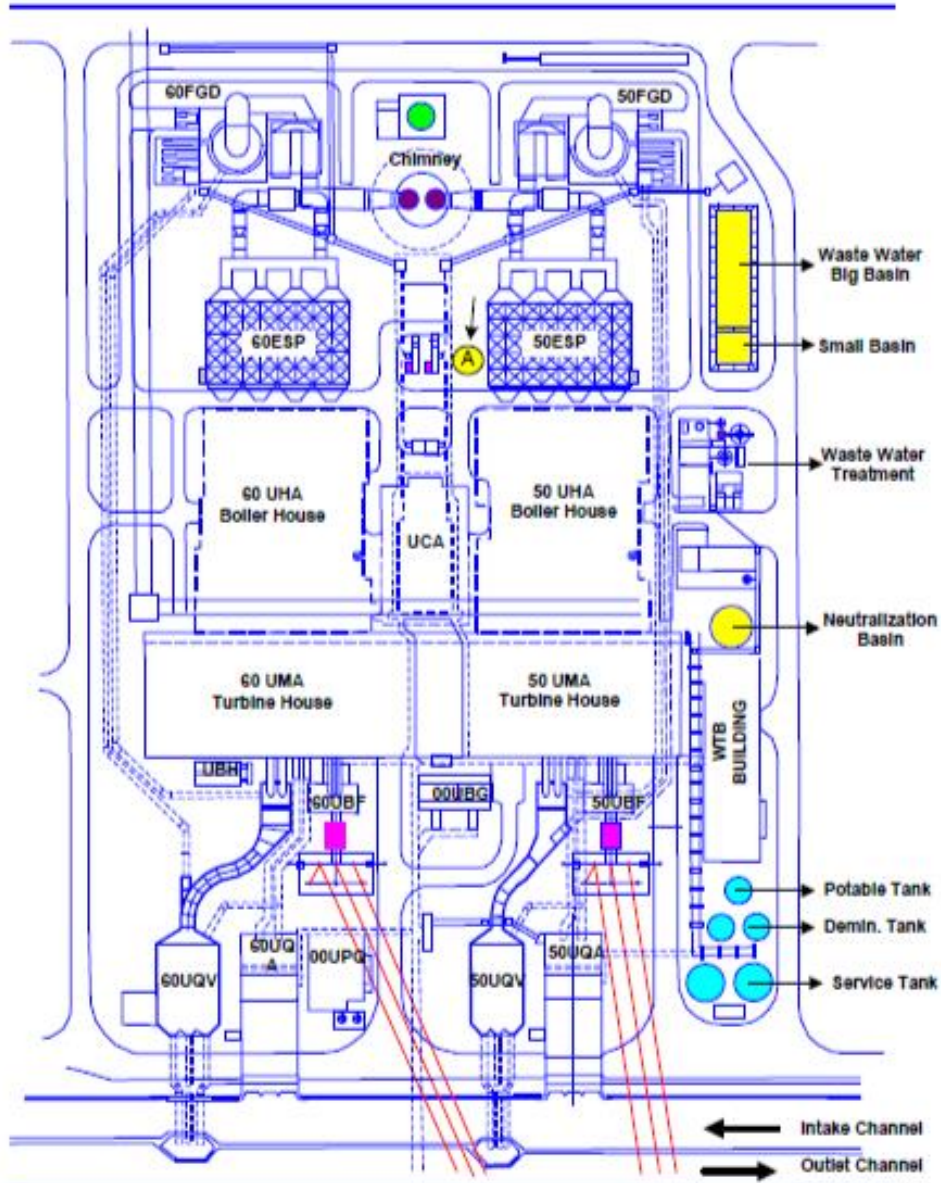
| No. | Nama | Umur | Masa Kerja |
|-----|--------------|------|------------|
| 1 | Responden 1 | 39 | 4 |
| 2 | Responden 2 | 42 | 4 |
| 3 | Responden 3 | 35 | 2 |
| 4 | Responden 4 | 43 | 4 |
| 5 | Responden 5 | 43 | 7 |
| 6 | Responden 6 | - | - |
| 7 | Responden 7 | 45 | 8 |
| 8 | Responden 8 | 37 | 3 |
| 9 | Responden 9 | - | - |
| 10 | Responden 10 | 45 | 6 |
| 11 | Responden 11 | 44 | 7 |
| 12 | Responden 12 | 37 | 4 |
| 13 | Responden 13 | 42 | 6 |
| 14 | Responden 14 | 42 | 7 |
| 15 | Responden 15 | 43 | 8 |
| 16 | Responden 16 | 38 | 4 |
| 17 | Responden 17 | - | - |
| 18 | Responden 18 | 44 | 8 |
| 19 | Responden 19 | 37 | 3 |
| 20 | Responden 20 | 43 | 7 |
| 21 | Responden 21 | 45 | 8 |
| 22 | Responden 22 | 37 | 8 |
| 23 | Responden 23 | 44 | 6 |
| 24 | Responden 24 | 44 | 7 |
| 25 | Responden 25 | 36 | 2 |
| 26 | Responden 26 | - | - |
| 27 | Responden 27 | 45 | 8 |
| 28 | Responden 28 | - | - |

| | | | |
|----|--------------|----|---|
| 29 | Responden 29 | 35 | 3 |
| 30 | Responden 30 | 37 | 4 |
| 31 | Responden 31 | 37 | 4 |
| 32 | Responden 32 | 38 | 4 |
| 33 | Responden 33 | 42 | 7 |
| 34 | Responden 34 | 45 | 8 |
| 35 | Responden 35 | 43 | 7 |
| 36 | Responden 36 | - | - |
| 37 | Responden 37 | - | - |

Lampiran 4. Data Hasil Pengukuran Kebisingan

| No. | Titik | Leq dB(A) | | | Leq 8 Jam dB(A) | Baku Mutu Tingkat Kebisingan dB(A) |
|-----|-------|------------------|-------|------|--------------------|--|
| | | Waktu Pengukuran | | | | |
| | | Pagi | Siang | Sore | | |
| 1 | 1 | 84,5 | 86,2 | 85,7 | 86 | 85 |
| 2 | 2 | 86,3 | 85,8 | 85 | 86,2 | 85 |
| 3 | 3 | 87,3 | 88 | 87,9 | 88,2 | 85 |
| 4 | 4 | 88,1 | 87,6 | 87,8 | 88,3 | 85 |
| 5 | 5 | 90,1 | 90,7 | 91 | 91,1 | 85 |
| 6 | 6 | 92 | 91,3 | 91,4 | 92,1 | 85 |
| 7 | 7 | 96,4 | 96 | 96,8 | 96,9 | 85 |
| 8 | 8 | 95,9 | 95,7 | 96,7 | 96,6 | 85 |
| 9 | 9 | 70,6 | 70,2 | 71 | 71,1 | 85 |
| 10 | 10 | 74 | 73,2 | 73,6 | 74,1 | 85 |
| 11 | 11 | 81,2 | 81,8 | 82 | 82,2 | 85 |
| 12 | 12 | 80 | 80 | 80,2 | 80,6 | 85 |
| 13 | 13 | 76,4 | 76,7 | 76 | 76,9 | 85 |
| 14 | 14 | 81,5 | 82 | 82,2 | 82,4 | 85 |
| 15 | 15 | 70 | 70,3 | 71 | 71 | 85 |

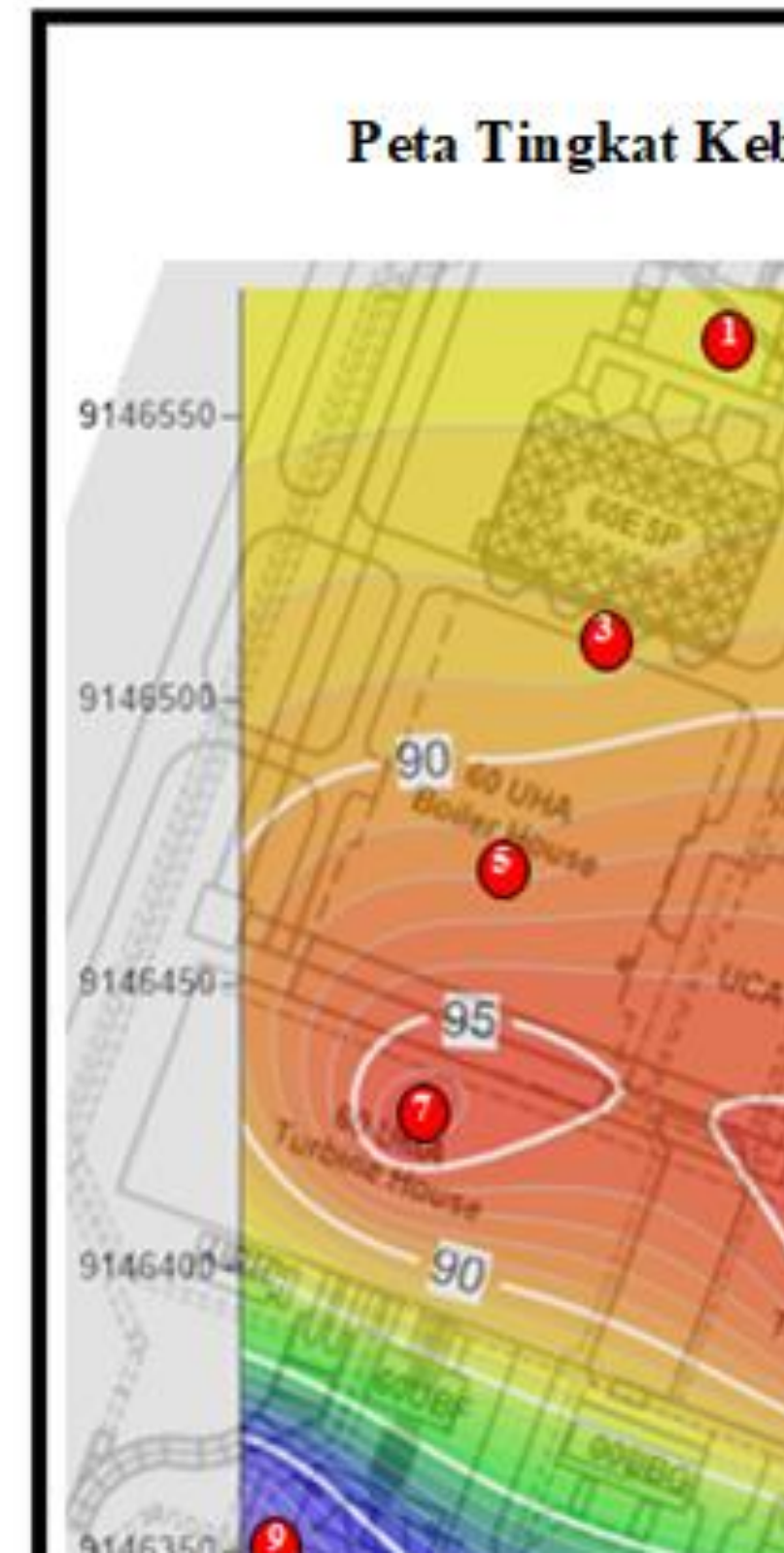
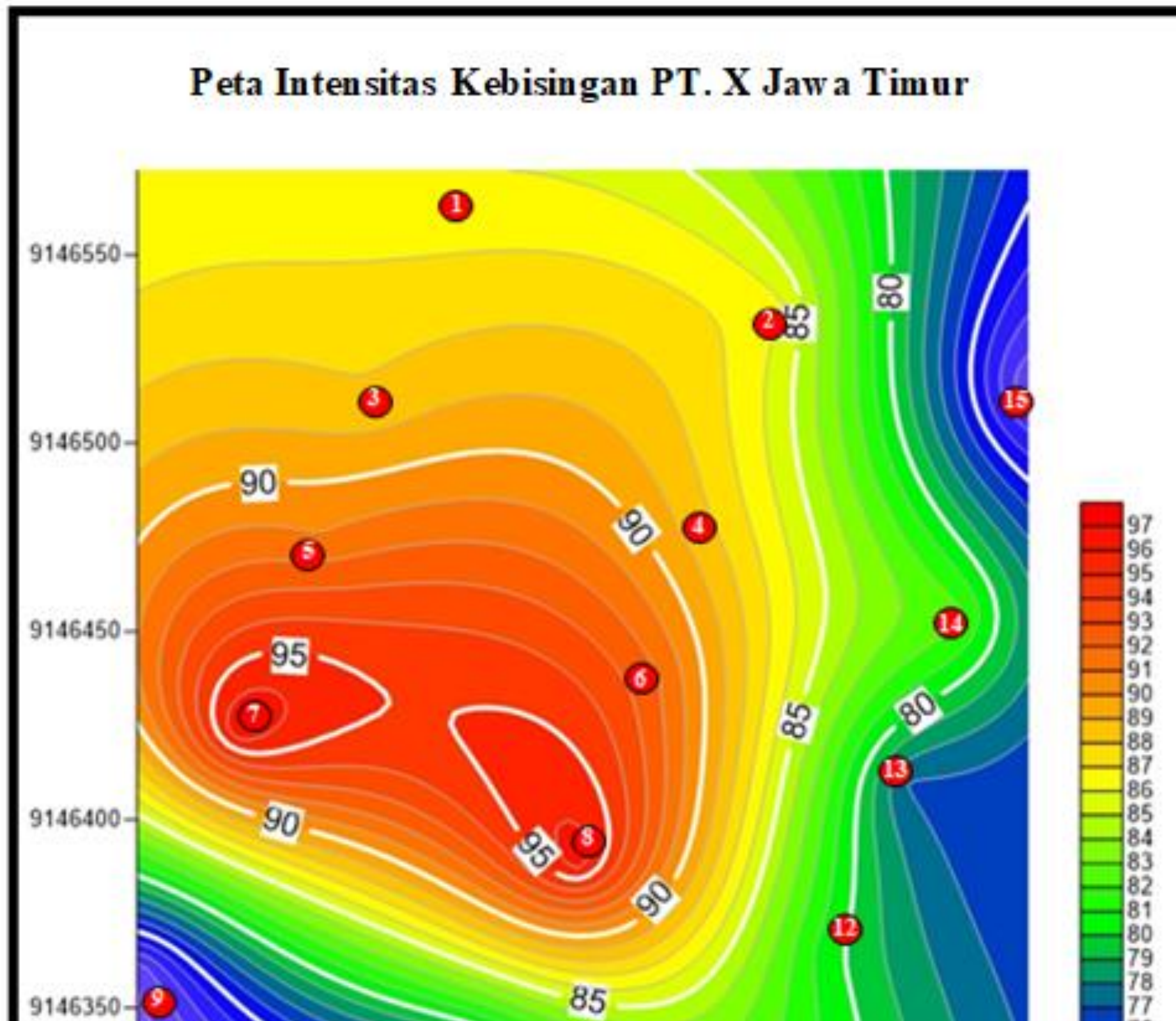
Lampiran 5. Layout PT.X Jawa Timur



Note:

- Ⓐ = Assembly point
- UQV = Neutralisation basin
- UQ = Circulation water pump house
- UCA = Main control room
- UPQ = Chlorination building
- UBF = Unit transformer
- UBG = Station service transformer
- UBH = Hydrogen building

Lampiran 6. Pemetaan Kebisingan PT.X Jawa Timur



Lampiran 7. Tabel Uji Validitas dan Reliabilitas Kuesioner

1. Validitas Kuesioner Tingkat Pengetahuan

SKALO

Wahyu Widhiarso

PROGRAM ANALISIS SKALA GUTTMAN

Fakultas Psikologi Universitas Gadjah Mada | 2011

A. PETUNJUK

- Masukkan Jumlah Butir dan Ukuran Sampel pada Kolom yang disediakan
- Masukkan data pada kolom INPUT DATA

Catatan : Urutan butir harus sudah disesuaikan dengan urutan tingkat kesulitannya secara teoritik

OUTPUT

| | |
|----------------------|------------|
| Jumlah Potensi Error | 300 |
| Jumlah Error | 26 |

B. INPUT BUTIR & SAMPEL

| | |
|------------------------|-----------|
| Masukkan Jumlah Butir | 10 |
| Masukkan Ukuran Sampel | 30 |

| | |
|----------------------------|---------------|
| Koefisien Reprodusibilitas | 0.9133 |
| Koefisien Skalabilitas | 0.8267 |

| P | 0.97 | 0.97 | 0.97 | 0.93 | 0.93 | 0.9 | 0.87 | 0.77 | 0.77 | 0.67 | | | | | | | | | | | |
|-------|------|------|------|------|------|-----|------|------|------|------|---|---|---|---|---|---|---|---|---|---|---|
| ITEM | A1 | A2 | A3 | A4 | A5 | A6 | A7 | A8 | A9 | A10 | | | | | | | | | | | |
| ID_1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| ID_2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| ID_3 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| ID_4 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| ID_5 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| ID_6 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| ID_7 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| ID_8 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| ID_9 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| ID_10 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| ID_11 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| ID_12 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| ID_13 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| ID_14 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| ID_15 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| ID_16 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| ID_17 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 |
| ID_18 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| ID_19 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| ID_20 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| ID_21 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| ID_22 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 0 |
| ID_23 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 |
| ID_24 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 |
| ID_25 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 |
| ID_26 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| ID_27 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 |
| ID_28 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 |
| ID_29 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 |
| ID_30 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 |

3. Validitas Kuesioner Dampak

SKALO

Wahyu Widhiarso

PROGRAM ANALISIS SKALA GUTTMAN Fakultas Psikologi Universitas Gadjah Mada | 2011

A. PETUNJUK

1. Masukkan Jumlah Butir dan Ukuran Sampel pada Kolom yang disediakan

2. Masukkan data pada kolom INPUT DATA

Catatan : Urutan butir harus sudah disesuaikan dengan urutan tingkat kesulitannya secara teoritik

B. INPUT BUTIR & SAMPEL

Masukkan Jumlah Butir

10

Masukkan Ukuran Sampel

30

OUTPUT

Jumlah Potensi Error

300

Jumlah Error

26

Koefisien Reprodusibilitas

0.913

Koefisien Skalabilitas

0.827

C. INPUT DATA

| P | 0.97 | 0.97 | 0.97 | 0.97 | 0.93 | 0.93 | 0.9 | 0.87 | 0.77 | 0.63 |
|-------|------|------|------|------|------|------|-----|------|------|------|
| ITEM | A1 | A2 | A3 | A4 | A5 | A6 | A7 | A8 | A9 | A10 |
| ID_1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| ID_2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| ID_3 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| ID_4 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| ID_5 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| ID_6 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| ID_7 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| ID_8 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| ID_9 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| ID_10 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| ID_11 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| ID_12 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| ID_13 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| ID_14 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| ID_15 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| ID_16 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| ID_17 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| ID_18 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 |
| ID_19 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 0 |
| ID_20 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 |

| | | | | | | | | | | | |
|-------|---|---|---|---|---|---|---|---|---|---|---|
| ID_21 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 0 |
| ID_22 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 0 |
| ID_23 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| ID_24 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 1 |
| ID_25 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 0 |
| ID_26 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| ID_27 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| ID_28 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| ID_29 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| ID_30 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 |

2. Reliabilitas Kuesioner Tingkat Kepatuhan

| Responden | Pertanyaan | | | | | | | | | | Skor |
|--------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 |
| 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 |
| 3 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 |
| 4 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 |
| 5 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 |
| 6 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 |
| 7 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 |
| 8 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 |
| 9 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 |
| 10 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 |
| 11 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 |
| 12 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 |
| 13 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 |
| 14 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 |
| 15 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 |
| 16 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 |
| 17 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 9 |
| 18 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 |
| 19 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 8 |
| 20 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 8 |
| 21 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 8 |
| 22 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 8 |
| 23 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 8 |
| 24 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 8 |
| 25 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 8 |
| 26 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 8 |
| 27 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 7 |
| 28 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 7 |
| 29 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 7 |
| 30 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 7 |
| Total | 29 | 29 | 29 | 29 | 28 | 28 | 28 | 28 | 24 | 19 | 271 |

| | | | | | | | | | | |
|------------|------|------|------|------|------|------|------|------|------|------|
| p | 0.97 | 0.97 | 0.97 | 0.97 | 0.93 | 0.93 | 0.93 | 0.93 | 0.80 | 0.63 |
| q | 0.03 | 0.03 | 0.03 | 0.03 | 0.07 | 0.07 | 0.07 | 0.07 | 0.20 | 0.37 |
| p.q | 0.03 | 0.03 | 0.03 | 0.03 | 0.06 | 0.06 | 0.06 | 0.06 | 0.16 | 0.23 |

| | |
|-------------------------------|------|
| k | 10.0 |
| Σpq | 0.7 |
| var | 1.6 |
| KR 21 | 0.7 |

3. Reliabilitas Kuesioner Dampak

| Responden | Pertanyaan | | | | | | | | | | Skor |
|--------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 |
| 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 |
| 3 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 |
| 4 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 |
| 5 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 |
| 6 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 |
| 7 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 |
| 8 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 |
| 9 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 |
| 10 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 |
| 11 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 |
| 12 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 |
| 13 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 |
| 14 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 |
| 15 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 |
| 16 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 |
| 17 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 |
| 18 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 9 |
| 19 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 8 |
| 20 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 8 |
| 21 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 8 |
| 22 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 8 |
| 23 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 8 |
| 24 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 7 |
| 25 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 7 |
| 26 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 7 |
| 27 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 7 |
| 28 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 7 |
| 29 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 7 |
| 30 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 6 |
| Total | 29 | 29 | 29 | 29 | 28 | 28 | 27 | 26 | 23 | 19 | 267 |

| | | | | | | | | | | |
|------------|------|------|------|------|------|------|------|------|------|------|
| p | 0.97 | 0.97 | 0.97 | 0.97 | 0.93 | 0.93 | 0.90 | 0.87 | 0.77 | 0.63 |
| q | 0.03 | 0.03 | 0.03 | 0.03 | 0.07 | 0.07 | 0.10 | 0.13 | 0.23 | 0.37 |
| p.q | 0.03 | 0.03 | 0.03 | 0.03 | 0.06 | 0.06 | 0.09 | 0.12 | 0.18 | 0.23 |

| | |
|-------------------------------|------|
| k | 10.0 |
| Σpq | 0.8 |
| var | 2.5 |
| KR 21 | 0.8 |

Lampiran 8. Tabel Tabulasi Silang & Uji *Chi Square* Hubungan Pengetahuan dengan Kepatuhan

| | | Kepatuhan | | Total |
|-------------|--------|-----------|-------|-------|
| | | Tidak | Patuh | |
| Pengetahuan | Kurang | 10 | 4 | 14 |
| | Baik | 2 | 14 | 16 |
| Total | | 17 | 13 | 30 |

| | Value | df | Asymp. Sig. (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) | Point Probability |
|--|---------------------|----|-----------------------|----------------------|----------------------|-------------------|
| Pearson Chi-Square | 10.804 ^a | 1 | .001 | .002 | .001 | |
| Continuity Correction^b | 8.488 | 1 | .004 | | | |
| Likelihood Ratio | 11.573 | 1 | .001 | .002 | .001 | |
| Fisher's Exact Test | | | | .002 | .001 | |
| Linear-by-Linear Association | 10.443 ^c | 1 | .001 | .002 | .001 | .001 |
| N of Valid Cases | 30 | | | | | |

Lampiran 9. Tabel Tabulasi Silang & Uji *Chi Square* Hubungan Intensitas Kebisingan dengan Dampak

| | | Dampak | | Total |
|-----------------------|-------|--------|-------|-------|
| | | Kecil | Besar | |
| Intensitas Kebisingan | < NAB | 10 | 2 | 12 |
| | > NAB | 7 | 11 | 18 |
| Total | | 17 | 13 | 30 |

| | Value | df | Asymp. Sig. (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) | Point Probability |
|--|---------------------|----|-----------------------|----------------------|----------------------|-------------------|
| Pearson Chi-Square | 10.804 ^a | 1 | .016 | .026 | .019 | |
| Continuity Correction^b | 8.488 | 1 | .042 | | | |
| Likelihood Ratio | 11.573 | 1 | .013 | .026 | .019 | |
| Fisher's Exact Test | | | | .026 | .019 | |
| Linear-by-Linear Association | 10.443 ^c | 1 | .018 | .026 | .019 | .018 |
| N of Valid Cases | 30 | | | | | |

Lampiran 10. Tabel Tabulasi Silang & Uji *Chi Square* Hubungan Kepatuhan dengan Dampak

| | | Dampak | | Total |
|-----------|-------|--------|-------|-------|
| | | Kecil | Besar | |
| Kepatuhan | Tidak | 4 | 10 | 14 |
| | Patuh | 13 | 3 | 16 |
| Total | | 17 | 13 | 30 |

| | Value | df | Asymp. Sig. (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) | Point Probability |
|--|--------------------|----|-----------------------|----------------------|----------------------|-------------------|
| Pearson Chi-Square | 8.438 ^a | 1 | .004 | .009 | .005 | |
| Continuity Correction^b | 6.429 | 1 | .011 | | | |
| Likelihood Ratio | 8.860 | 1 | .003 | .009 | .005 | |
| Fisher's Exact Test | | | | .009 | .005 | |
| Linear-by-Linear Association | 8.157 ^c | 1 | .004 | .009 | .005 | .005 |
| N of Valid Cases | 30 | | | | | |

Lampiran 11. Tabel Tabulasi Silang & Uji *Chi Square* Hubungan Usia dengan Dampak

| | | Dampak | | Total |
|-------|------|--------|-------|-------|
| | | Kecil | Besar | |
| Usia | Muda | 11 | 1 | 12 |
| | Tua | 6 | 12 | 18 |
| Total | | 17 | 13 | 30 |

| | Value | df | Asymp. Sig. (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) | Point Probability |
|--|--------------------|----|-----------------------------|----------------------------|----------------------------|----------------------|
| Pearson Chi-Square | 9.977 ^a | 1 | .002 | .002 | .002 | |
| Continuity Correction^b | 7.743 | 1 | .005 | | | |
| Likelihood Ratio | 11.255 | 1 | .001 | .002 | .002 | |
| Fisher's Exact Test | | | | .002 | .002 | |
| Linear-by-Linear Association | 9.645 ^c | 1 | .002 | .002 | .002 | .002 |
| N of Valid Cases | 30 | | | | | |

Lampiran 12. Tabel Tabulasi Silang & Uji *Chi Square* Hubungan Masa Kerja dengan Dampak

| | | Dampak | | Total |
|------------|------|--------|-------|-------|
| | | Kecil | Besar | |
| Masa Kerja | Baru | 13 | 1 | 14 |
| | Lama | 4 | 12 | 16 |
| Total | | 17 | 13 | 30 |

| | Value | df | Asymp. Sig. (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) | Point Probability |
|--|---------------------|----|-----------------------|----------------------|----------------------|-------------------|
| Pearson Chi-Square | 14.001 ^a | 1 | .000 | .000 | .000 | |
| Continuity Correction^b | 11.374 | 1 | .001 | | | |
| Likelihood Ratio | 15.854 | 1 | .000 | .000 | .000 | |
| Fisher's Exact Test | | | | .000 | .000 | |
| Linear-by-Linear Association | 13.535 ^c | 1 | .000 | .000 | .000 | .000 |
| N of Valid Cases | 30 | | | | | |

Lampiran 13. Tabel Uji Regresi Logistik

Variables Entered/Removed^b

| Model | Variables Entered | Variables Removed | Method |
|-------|---|--------------------------|---|
| 1 | Masa Kerja, Pengetahuan, Intensitas Kebisingan, Kepatuhan, Usia ^a | | Enter |
| 2 | | Usia | Backward (criterion: Probability of F-to- remove >= .100). |
| 3 | | Intensitas Kebisingan | Backward (criterion: Probability of F-to- remove >= .100). |
| 4 | | Kepatuhan | Backward (criterion: Probability of F-to- remove >= .100). |

a. All requested variables entered.

b. Dependent Variable: Dampak Kebisingan

Coefficients^a

| Model | | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. | 95% Confidence Interval for B | |
|-------------|-----------------------|-----------------------------|------------|---------------------------|--------|-------|-------------------------------|-------------|
| | | B | Std. Error | Beta | | | Lower Bound | Upper Bound |
| 1 | (Constant) | .368 | .138 | | 2.672 | .013 | .084 | .652 |
| | Pengetahuan | -.252 | .152 | -.254 | -1.656 | .111 | -.567 | .062 |
| | Kepatuhan | -.247 | .150 | -.244 | -1.643 | .113 | -.556 | .063 |
| | Intensitas Kebisingan | .110 | .152 | .108 | .719 | .479 | -.205 | .424 |
| | Usia | .022 | .279 | .022 | .078 | .938 | -.555 | .598 |
| | Masa Kerja | .505 | .254 | .509 | 1.989 | .058 | -.019 | 1.029 |
| 2 | (Constant) | .367 | .134 | | 2.728 | .011 | .090 | .644 |
| | Pengetahuan | -.250 | .145 | -.251 | -1.717 | .098 | -.549 | .050 |
| | Kepatuhan | -.246 | .147 | -.244 | -1.675 | .106 | -.549 | .057 |
| | Intensitas Kebisingan | .115 | .133 | .114 | .864 | .396 | -.159 | .389 |
| | Masa Kerja | .522 | .131 | .526 | 3.977 | .001 | .252 | .793 |
| | 3 | (Constant) | .413 | .123 | | 3.371 | .002 | .161 |
| Pengetahuan | | -.271 | .143 | -.272 | -1.896 | .069 | -.564 | .023 |
| Kepatuhan | | -.235 | .146 | -.232 | -1.613 | .119 | -.535 | .064 |
| Masa Kerja | | .573 | .117 | .576 | 4.895 | .000 | .332 | .813 |
| 4 | | (Constant) | .331 | .115 | | 2.885 | .008 | .096 |
| | Pengetahuan | -.404 | .120 | -.407 | -3.384 | .002 | -.650 | -.159 |
| | Masa Kerja | .596 | .120 | .600 | 4.982 | .000 | .350 | .841 |

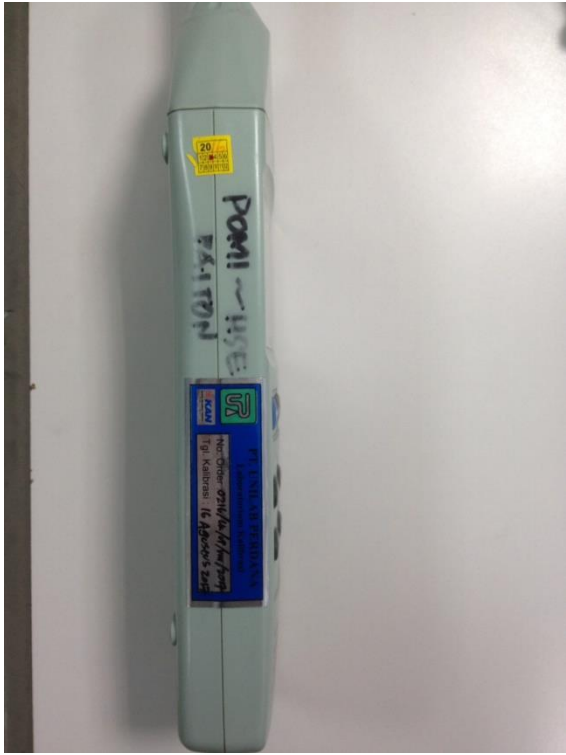
a. Dependent Variable: Dampak Kebisingan

Lampiran 14. Dokumentasi











Lampiran 15. Surat Keterangan Telah Melaksabakan Penelitian



PT. YTL Jawa Timur

SURAT KETERANGAN PENELITIAN CERTIFICATE OF RESEARCH PROGRAMME

Kami yang bertanda tangan dibawah ini :
We, the undersigned:

Nama : Herdian Zulkarnain
Name
Jabatan : Section Head of Human Resource
Position

Menerangkan dengan sebenarnya bahwa :
Hereby certify that:

Nama / NIM : Aditto Suryanto / 14513075
Name / ID No.
Institusi : Indonesia Islamic University of Yogyakarta
Institution
Jurusan : Environmental Engineering
Major

Telah menjalani penelitian di PT. YTL Jawa Timur, di :
Has completed Research programme at PT. YTL Jawa Timur, at:

Departemen : Operation
Department
Bagian : Safety and Fire Services
Section
Lama Riset : October 18th 2017 – October 31st 2017
Period

Demikian surat keterangan penelitian ini kami buat untuk dipergunakan sebagaimana mestinya.

This certificate of Research programme to be used properly.

Paiton, December 20th 2017

Yours sincerely,

Herdian Zulkarnain
Section Head of Human Resource

PT. YTL Jawa Timur
J. Raya Surabaya -
Sidoarjo KM. 141,
PO. Box 36, Paiton
67261, Probolinggo,
East Java, Indonesia
Telp. 02 335 773300
Fax. 02 335 773161

