



Hal : Jawaban ijin penelitian dan menggunakan data

22 April 2009

Kepada Yth.
Wakil Dekan FKM UI
Bapak Dian Ayubi
Di Tempat

Menjawab surat saudara No. **1270/PT.02.H5.FKMUI/I/2009** pertanggal 2 April 2009 perihal permohonan ijin penelitian mahasiswa atas nama Diah Nova Ariani, maka kami sampaikan bahwa kami memberi ijin mahasiswa tersebut untuk melakukan pengambilan data-data yang diperlukan di area PT Holcim Indonesia Tbk khususnya, di PT. BCS kontraktor PT Holcim Indonesia Tbk.

Demikian kami sampaikan dan atas perhatiannya kami ucapkan terimakasih.

Manajer Logistic OH&S,

A handwritten signature in black ink, appearing to read 'Edy Saptono', with a long horizontal flourish extending to the right.

Edy Saptono
NIP. 62500404

Tembusan:

- Departemen Keselamatan dan Kesehatan Kerja FKM UI
- Arsip

I. Identitas Responden

1. Nama :
 2. Jenis Kelamin : L / P
 3. Tanggal lahir :
 4. Pendidikan Terakhir : SD/SLTP/SMA/SMK/Diploma/Sarjana
 5. Lama Mengemudi :Tahun
 6. Lama Bekerja :Tahun
 7. Tinggi Badan :Cm
 8. Berat Badan :Kg
 9. Waktu Pengisian : Sebelum Mengemudi / Sesudah Mengemudi
 10. Tujuan Muatan :
- * Coret yang tidak sesuai

II. Gejala Kelelahan

Petunjuk

Pilihlah jawaban yang paling sesuai dengan menandai (√) atau (X) pada tempat yang telah disediakan.

Skala Kelelahan IFRC :

| No | Pertanyaan : Apakah setiap kali setelah bekerja saudara merasakan | Jawaban | | | |
|----|---|---------|---|---|----|
| | | SS | S | K | TP |
| 1 | Perasaan berat di kepala | | | | |
| 2 | Terasa lelah seluruh badan | | | | |
| 3 | Kaki terasa berat | | | | |
| 4 | Menguap | | | | |
| 5 | Merasa kacau pikiran | | | | |
| 6 | Menjadi Mengantuk | | | | |
| 7 | Merasakan ada beban pada mata | | | | |
| 8 | Merasa kaku dan canggung dalam bergerak | | | | |
| 9 | Berdiri tidak seimbang | | | | |
| 10 | Ingin berbaring | | | | |
| 11 | Merasa sukar berpikir | | | | |
| 12 | Lelah kalau berbicara | | | | |
| 13 | Menjadi gugup | | | | |
| 14 | Susah berkonsentrasi | | | | |
| 15 | Susah memusatkan perhatian | | | | |
| 16 | Cenderung untuk lupa | | | | |
| 17 | Kurang kepercayaan pada diri sendiri | | | | |
| 18 | Cemas terhadap sesuatu | | | | |
| 19 | Tidak dapat mengontrol sikap | | | | |
| 20 | Tidak dapat tekun dalam bekerja | | | | |
| 21 | Sakit kepala | | | | |
| 22 | Bahu terasa kaku | | | | |
| 23 | Nyeri di pinggang | | | | |
| 24 | Pernapasan tertekan | | | | |
| 25 | Haus | | | | |
| 26 | Suara serak | | | | |

| | | | | | |
|--------|----------------------------|--|--|--|--|
| 27 | Pening | | | | |
| 28 | Kelopak mata terasa tegang | | | | |
| 29 | Tremor pada anggota badan | | | | |
| 30 | Merasa kurang sehat | | | | |
| Jumlah | | | | | |
| | | | | | |

Keterangan :

- SS : Sangat sering = hampir setiap hari terasa dalam 1 minggu
 S : Sering = 3 - 4 hari terasa dalam 1 minggu
 K : Kadang-kadang = 1 – 2 hari terasa dalam 1 minggu
 TP : Tidak pernah = tidak pernah terasa dalam 1 minggu

Petunjuk

Jawablah pertanyaan berikut dengan cara silang pada jawaban yang dianggap paling sesuai.

III. Kondisi Fisik dan Kesehatan

1. Apakah anda sedang/pernah mengkonsumsi obat karena kondisi tubuh yang kurang baik (dalam keadaan sakit) dalam 1 minggu terakhir ini?
 a. Ya b. Tidak
2. Jika Ya, apakah kondisi tersebut menyebabkan Anda tidak dapat melakukan pekerjaan dengan baik ?
 a. Ya b. Tidak
3. Apakah Anda pernah / sedang menderita penyakit flu/demam/anemia/gangguan tidur/hypothyroid/TBC/penyakit kronis/Parkinson/Diabetes atau penyakit jantung?
 a. Ya,tahun
 b. tidak
4. Apakah Anda pernah/sedang dalam pengobatan karena penyakit flu/demam/anemia/gangguan tidur/hypothyroid/TBC/penyakit kronis/Parkinson/Diabetes atau penyakit jantung?
 a. Ya,tahun
 b. Tidak
5. Apakah Anda sedang / pernah merokok?
 a. Ya b. Tidak
6. Apakah Anda pernah/sedang mengkonsumsi obat-obatan terlarang atau minuman beralkohol?
 a. Ya,.....tahun
 b. Tidak
7. Apakah Anda sering berolahraga dalam waktu seminggu terakhir ini?
 a. Ya
 b. Tidak

IV. Pola Kerja-Istirahat

7. Apakah Anda mengemudi dengan sistem shift (bergilir/rotasi)?
 a. Ya b. Tidak
8. Jika Ya, waktu kerja yang sedang Anda lakukan saat ini merupakan shift apa?
 a. Pagi b. Siang c. Sore d. Malam
9. Pola kerja-istirahat yang saat ini anda jalankan (frekuensi mengemudi dalam 1 minggu):

10. Berapa lama anda mengemudi dalam satu hari kerja (tidak termasuk waktu istirahat) ?
.....
11. Waktu istirahat yang disediakan terdiri dari (saat kendaraan dikemudikan oleh sopir lainnya):
12. Aktifitas yang biasa dilakukan saat istirahat atau setelah mengemudi(boleh lebih dari satu):
- Tidur/istirahat
 - Membaca koran, buku, dll
 - Menonton tv
 - Makan/minum
 - Meneruskan aktifitas
 - Lainnya, sebutkan...
13. Berapa lama waktu tidur anda dalam sehari pada saat hari kerja?
- kurang dari 6 jam
 - 6-8 jam
 - lebih dari 8 jam
14. Berapa lama anda tidur dalam sehari selama tidak mengemudi (saat libur kerja)?
- kurang dari 6 jam
 - 6-8 jam
 - lebih dari 8 jam
15. Apakah anda mengalami gangguan saat tidur?
- Ya, jelaskan....
 - Tidak
16. Apakah anda merasa waktu istirahat Anda saat ini sudah mencukupi?
- Ya
 - Tidak

V. JENIS PEKERJAAN DAN AKTIFITAS YANG DILAKUKAN

17. Jenis aktifitas yang paling membuat Anda bosan, ngantuk dan lelah yang dilakukan selain mengemudi adalah :
- Menunggu muatan
 - Mengisi Muatan
 - Mengantri di timbangan
 - Menimbang Muatan
 - Membongkar Muatan
18. Apakah pekerjaan Anda secara fisik sangat membutuhkan banyak tenaga?
- Ya
 - Tidak
19. Apakah pekerjaan Anda secara mental dirasakan berat?
- Ya
 - Tidak
20. Apakah pekerjaan Anda membutuhkan konsentrasi tinggi?
- Ya
 - Tidak
21. Apakah menurut Anda pekerjaan yang dilakukan pada saat mengemudi terlalu banyak?
- Ya
 - Tidak
22. Apakah Anda merasa jenuh/bosan dengan pekerjaan sekarang?
- Ya
 - Tidak
23. Apakah anda mengkonsumsi teh/kopi pada saat mengemudi ?
- Ya,.....gelas/hari
 - tidak

VI. Kendaraan

24. Apakah kendaraan yang Anda kemudikan, menguras tenaga Anda cukup besar untuk menjalankannya?
- Ya
 - Tidak
25. Apakah merek dan jenis kendaraan *bulk truck* yang Anda gunakan mempengaruhi

- kemampuan Anda dalam mengemudi?
a. Ya b. Tidak
26. Apakah seluruh fasilitas atau perlengkapan kendaraan Anda dapat membantu mengurangi rasa bosan dan mengantuk Anda ketika mengemudi?
a. Ya b. Tidak
27. Apakah kendaraan yang Anda kemudikan cukup sulit untuk dioperasikan?
a. Ya b. Tidak
28. Apakah desain kursi pada kendaraan Anda cukup memberi kenyamanan saat Anda mengemudi?
a. Ya b. Tidak

VII. Jalan dan Lingkungan kerja

29. Apakah kondisi jalan yang Anda lalui selama melakukan tugas selalu dalam kondisi yang baik?
a. Ya b. Tidak
30. Apabila hujan turun, apakah membuat Anda lebih berkonsentrasi dalam mengemudi?
a. Ya b. Tidak
31. Apakah kondisi jalan yang lancar dan sepi membuat Anda merasa bosan dan mengantuk saat mengemudi?
a. Ya b. Tidak
32. Kondisi jalan yang Anda lalui membuat Anda merasa bosan dan mengantuk saat mengemudi?
a. Ya b. Tidak
33. Apakah rambu-rambu lalu lintas jalan mudah terlihat bagi Anda saat mengemudi?
a. Ya b. Tidak
34. Apakah lampu jalan cukup memberikan penerangan Anda saat mengemudi khususnya pada malam hari?
a. Ya b. Tidak
35. Apakah kondisi jalan yang macet membuat Anda merasa bosan, mengantuk dan capek saat mengemudi?
a. Ya b. Tidak

VIII. Pengaruh Non fisik

36. Apakah kondisi keluarga mempengaruhi performa Anda saat mengemudi?
a. Ya b. Tidak
37. Apakah upah yang diterima mempengaruhi pikiran Anda saat mengemudi?
a. Ya b. Tidak
38. Apakah Anda terganggu dengan pikiran Anda saat mengemudi?
a. Ya b. Tidak
39. Apakah Anda pernah melamun/tidak sadar saat mengemudi?
a. Ya b. Tidak
40. Apakah kondisi keluarga dan lingkungan sekitar mendorong Anda untuk semangat bekerja?
a. Ya b. Tidak

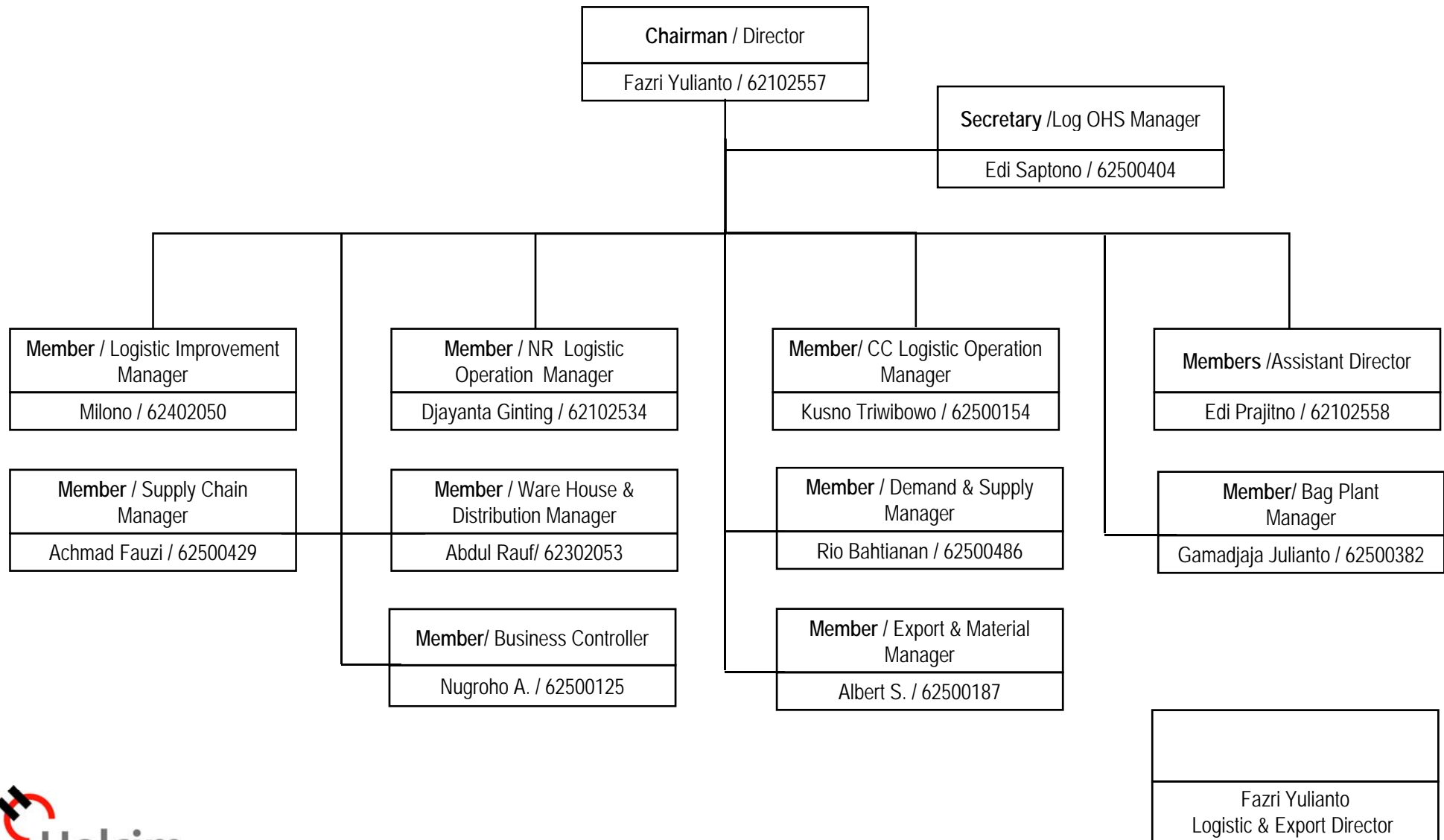
| | |
|----------|-------|
| Mat Desc | (All) |
|----------|-------|

| Count of Truck ID | | | | | |
|--------------------|----------------------------------|----------------|-------------------------------------|-----------|-------|
| Trans Code | Mat Group | City Desc | Ship To2 | Ship Type | Total |
| 5700128 | BK | BALARAJA | DRYMIXA INDONESIA (CIKUPA) | U3 | 3 |
| | | | | U5 | 1 |
| | | | HOLCIM BETON.PT (BALARAJA) | GF | 23 |
| | | | | H1 | 3 |
| | | | | H4 | 11 |
| | | | U3 | 9 | |
| | | | U5 | 32 | |
| | | BANDAR LAMPUNG | ADHIKARYA PT | U3 | 10 |
| | | | | U5 | 15 |
| | | BANDUNG | BETON JATI ARGON .PT | U2 | 3 |
| | | | | U3 | 35 |
| | | | | U5 | 6 |
| | | BEKASI | CITRA READYMIX PT | U2 | 5 |
| | | | | U3 | 13 |
| | | | | U5 | 8 |
| | | | HOLCIM BETON PT.(CIBITUNG) | U2 | 12 |
| | | | | U3 | 61 |
| | | | | U5 | 31 |
| | | BOGOR | BORAL PIPE AND PRECAST INDONESIA PT | G1 | 1 |
| | | | | U2 | 90 |
| | | | | U3 | 21 |
| | | | | U5 | 5 |
| | | | | | |
| | | | SIKA INDONESIA PT | U2 | 20 |
| | | | | U5 | 3 |
| | | | UTAMA BANGUN PERSADA PT (CURAH) | U2 | 5 |
| | | | | U3 | 1 |
| | | | UTAMA JAYA.PB / GALIAN PASIR | U2 | 7 |
| | | | | U3 | 2 |
| | | BREBES | FARIKA DUTA AGUNG. PT | U3 | 19 |
| | | | | U5 | 21 |
| | | CIBITUNG | CIPTA MORTAR UTAMA (CIBITUNG) | U2 | 4 |
| | | | | U3 | 48 |
| | | | | U5 | 29 |
| | | CIKARANG | BASF (CIKARANG) | U2 | 12 |
| | | | | U3 | 2 |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | FOSROC INDONESIA.PT | U2 | 37 |
| | | | | U3 | 4 |
| | | | HUME CONCRETE INDONESIA PT | U2 | 15 |
| | | | | U3 | 25 |
| | | | | U5 | 28 |
| | | | KOMPONINDO.B (CIKARANG) | U2 | 17 |
| | | | | U3 | 31 |
| | | | | U5 | 33 |
| | | CILACAP | HOLCIM BETON PT (CILACAP) | GF | 15 |
| | | | | H1 | 1 |
| | | | | U2 | 4 |
| | | | | U3 | 3 |
| | | | | U5 | 5 |
| | | CILEGON | HOLCIM BETON.PT (CILEGON) | GF | 10 |
| | | | | H1 | 1 |
| H4 | 4 | | | | |
| U2 | 8 | | | | |
| U3 | 19 | | | | |
| U5 | 30 | | | | |
| CILEUNGI | HOLCIM BETON.PT (NAROGONG) | U2 | 37 | | |
| | | U3 | 24 | | |
| | | U5 | 11 | | |
| | | | | | |
| | | | | | |
| | PANASONIC ELECTRIC WORKS (CURAH) | U2 | 40 | | |
| | | U3 | 37 | | |
| | | U5 | 15 | | |
| CIREBON | BATCHING PLANT KANCI(1926) | U3 | 5 | | |
| | | U5 | 4 | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | CONBLOC INFRATECNO PT.(LOSARI) | GF | 15 | | |
| | | H1 | 1 | | |
| | | H4 | 2 | | |
| | | U3 | 2 | | |
| | | U5 | 10 | | |
| | JO PT.ADHI KARYA | U3 | 15 | | |
| | | U5 | 17 | | |
| French Polynesia | SOCIETE MAHORAISE DE CIMENT | G3 | 1 | | |
| | | G4 | 5 | | |
| | | GF | 129 | | |
| GRESIK | HALLIBURTON SURABAYA | GF | 5 | | |
| | | U5 | 1 | | |
| GUDANG BRUMBUNG | (blank) | GF | 1 | | |
| GUDANG LEMPUYANGAN | (blank) | GF | 1 | | |
| GUDANG SRAGEN | (blank) | GF | 2 | | |
| INDRAMAYU | HOLCIM BETON (INDRAMAYU) | GF | 105 | | |
| | | H1 | 15 | | |
| | | H4 | 27 | | |
| | | U2 | 1 | | |
| | | U3 | 11 | | |

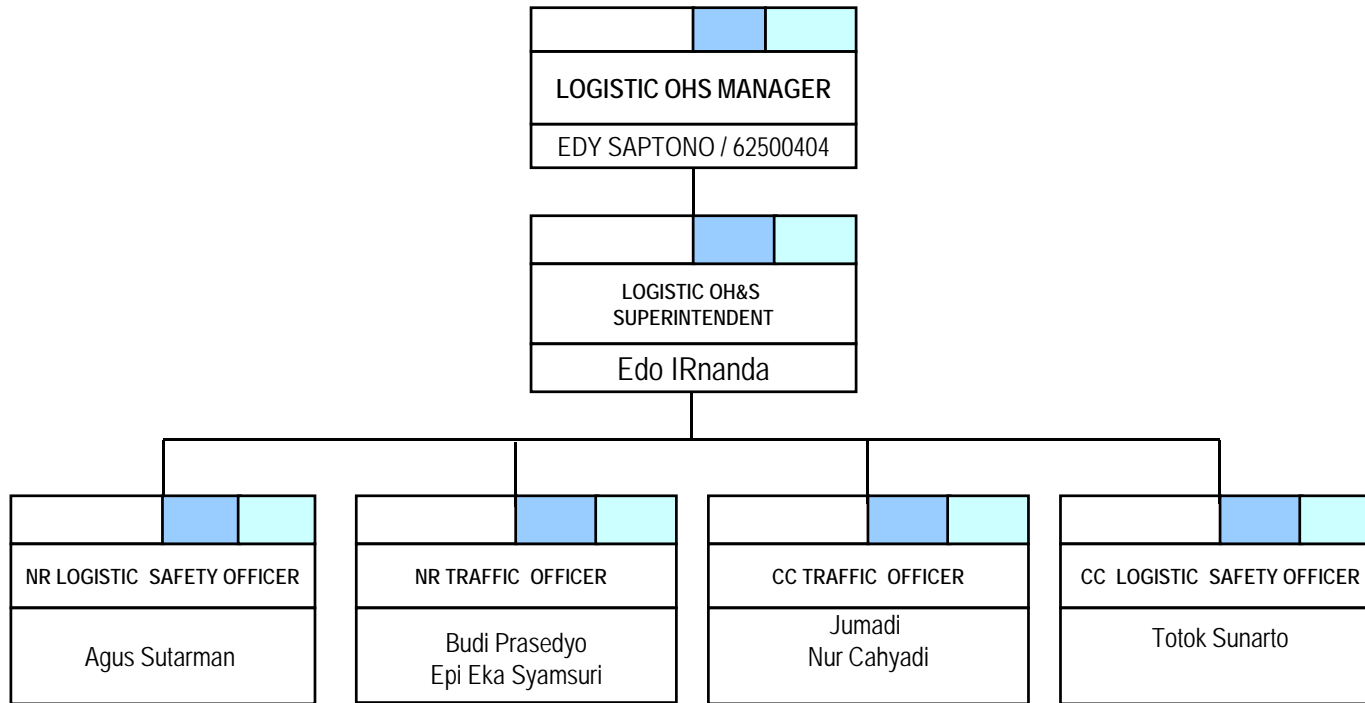
| | | | | | |
|----------------------|-----------------------------|---------------------------------|-------------------------------|-----|-----|
| 5700128 | BK | INDRAMAYU | HOLCIM BETON (INDRAMAYU) | U5 | 130 |
| | | JAKARTA BARAT | BETAMIX.PT (KEDOYA) | U2 | 3 |
| | | | | U3 | 2 |
| | | | | U5 | 4 |
| | | | HOLCIM BETON.PT (KEMBANGAN) | U2 | 31 |
| | | | | U3 | 109 |
| | | | | U5 | 79 |
| | | | MULTI PRIMA.B (KAPUK) | U3 | 1 |
| | | JAKARTA SELATAN | BETAMIX (SIMATUPANG) | U2 | 3 |
| | | | | U5 | 2 |
| | | | HOLCIM BETON .PT PLANT KEMANG | U2 | 222 |
| | | | | U3 | 204 |
| | | | | U5 | 121 |
| | | HOLCIM BETON.PT (KUNINGAN) | U2 | 98 | |
| | | | U3 | 205 | |
| | | | U5 | 144 | |
| | | HOLCIM BETON.PT (PDK.INDAH) | U2 | 44 | |
| | | | U3 | 20 | |
| | | | U5 | 4 | |
| | | JAKARTA TIMUR | BETAMIX.PT (CAKUNG) | U2 | 3 |
| | | | | U3 | 2 |
| | | | | U5 | 8 |
| | | HOLCIM BETON.PT (RAMBUTAN) | U2 | 23 | |
| | | | U3 | 64 | |
| | | | U5 | 43 | |
| | | SAETI CONCRETINDO WAHANA PT. | U2 | 3 | |
| | | | U3 | 5 | |
| | | | U5 | 3 | |
| | | JAKARTA UTARA | ARCO MARUNDA | U3 | 3 |
| | | | | U5 | 1 |
| | | | ARYAMIX BATCHING PLANT | U5 | 1 |
| | | | HOLCIM BETON.PT (PLUMPANG) | GF | 52 |
| | | | | H1 | 17 |
| | | | | H4 | 19 |
| | | | | U2 | 11 |
| | | | | U3 | 75 |
| | | | | U5 | 110 |
| | | MEGAMIX PERKASA BETON.PT | U2 | 38 | |
| | | | U3 | 60 | |
| | | | U5 | 33 | |
| | | MULTI PRIMA.B (CAKUNG) | U3 | 1 | |
| | | TRIMITZ SYNERGY BAHANA | U2 | 2 | |
| | | | U3 | 1 | |
| | | | U5 | 3 | |
| | | KARAWANG | HOLCIM BETON.PT (KRAWANG) | GF | 28 |
| | | | | H1 | 3 |
| | | | | H4 | 2 |
| U2 | 10 | | | | |
| U3 | 65 | | | | |
| | | | U5 | 68 | |
| SIAM INDO CONCRETE.P | U2 | 5 | | | |
| | U3 | 78 | | | |
| | U5 | 47 | | | |
| LEGOK | ANNA.IBU (TANGERANG) | U2 | 2 | | |
| | | PANTONEPILE KWARTATAMA.PT (TGR) | U2 | 17 | |
| | | | U3 | 4 | |
| | | U5 | 1 | | |
| LEMAH ABANG | DJABESMEN.PT. (LEMAH ABANG) | GF | 1 | | |
| | | H1 | 3 | | |
| | | U2 | 2 | | |
| | | U3 | 13 | | |
| | | U5 | 5 | | |
| Madagascar | S.A.N.C.A | GF | 44 | | |
| | | H1 | 4 | | |
| | | U2 | 5 | | |
| | | U3 | 6 | | |
| | | U5 | 14 | | |
| MALIMPING | HOLCIM BETON (CIBALIUNG) | GF | 18 | | |
| | | H1 | 6 | | |
| | | H4 | 4 | | |
| | | U3 | 2 | | |
| | | U5 | 17 | | |
| Mauritius | HOLCIM (MAURITIUS) LTD | G2 | 1 | | |
| | | GF | 473 | | |
| | | H4 | 42 | | |
| | | U2 | 120 | | |
| | | U3 | 144 | | |
| | | | U5 | 256 | |
| | STATE TRADING CORPORATION | G3 | 1 | | |
| | | GF | 505 | | |
| | | H1 | 26 | | |
| | | U2 | 84 | | |
| U3 | | 133 | | | |
| | | U5 | 198 | | |
| PAITON | BATCHING PLANT PAITON | GF | 18 | | |
| | | H4 | 3 | | |

| | | | | | | |
|---------|----|--------------------------------|-----------------------------------|----------------------------------|------------------------------------|----------------|
| 5700128 | BK | PAITON | BATCHING PLANT PAITON | U5 | 7 | |
| | | PARUNG KUDA | CHEVRON GUNUNG GN.SALAK | U2 U3 | 42 8 | |
| | | PELABUHAN RATU | BATCHING PLANT PELABUHAN RATU. | GF U3 U5 | 14 38 22 | |
| | | PLANT CILACAP | (blank) | GF U2 U5 | 6 2 3 | |
| | | PURWOREJO | RAGAM USAHA PRIMA PT(PWRJ) | U5 | 1 | |
| | | RENGASDENGKLOK | HALLIBURTON RANGASDENGKLOK | U3 | 2 | |
| | | SEMARANG | EKAMUSTIKA WAHANACIPTA TEKNIKA | U3 U5 | 4 7 | |
| | | SENTUL - BOGOR | HOLCIM BETON.PT (SENTUL) | GF H1 H4 U2 U3 U5 | 23 1 4 3 8 47 | |
| | | SERANG | ASTASITI MAHADHANA.PT (CURAH) | U2 U3 U5 | 3 2 2 | |
| | | | INDOBLOCK MITRA (CIKANDE) | U2 U3 | 12 5 | |
| | | SERPONG | BATCHING PLANT SERPONG | U2 U3 U5 | 1 28 13 | |
| | | | BIBIT LESTARI (SERPONG) | U2 U3 | 5 4 | |
| | | | SITUBONDO | BATCHING PLANT KEDIRI S.B. PT. | U3 U5 | 1 1 |
| | | Sri Lanka | LAFARGE MAHAWELI CEMENT | GF H1 H4 U2 U3 U5 | 428 14 19 58 98 188 | |
| | | SUBANG | JO ADHI KARYA.PT (SUBANG) | U2 U3 U5 | 9 14 21 | |
| | | | KARAWANG 2 PROYEK (CONBLOC) | U3 U5 | 3 1 | |
| | | SURABAYA | HALIBURTON -AMERADA HESS SURABAYA | GF U3 U5 | 2 3 6 | |
| | | | (blank) | GF H1 H4 U2 U3 U5 | 85 13 8 19 69 114 | |
| | | | TANGERANG | BAKRIE (CURAH T.I) | U2 U3 U5 | 10 45 23 |
| | | | | BESTCON PRECAST | U2 U3 | 11 1 |
| | | | | BETINDO KARYA .S.PT (CURAH) | U2 | 1 |
| | | DEWA BETON PT | | U3 | 4 | |
| | | JAYA BETON PT (TANGERANG) | | U2 U3 U5 | 3 18 15 | |
| | | KARYADINAMIKA ANUGERAHPRIMA PT | | U2 | 3 | |
| | | MDU ANUGERAH (PERANCIS) | | U2 | 1 | |
| | | MITRACON KARUNIA.P (CURAH) | | U2 U3 | 10 1 | |
| | | STARCON (KARAWACI) | | U2 U5 | 1 1 | |
| | | VENDI CHANGE | | U2 U3 | 11 1 | |
| | | United Kingdom | HOLCIM (MADAGASCAR) | GF H1 U2 U3 U5 | 294 15 27 54 111 | |
| | | | BK Total | | 8037 | |
| | | Grand Total | | | 8037 | |

Logistic & Export Safety Committee Organization - 2008



Logistic OH&S



| | | |
|----------------------------------|-------------------------------------|---------------------------------------|
| | | |
| Tim Mackay President Director | Keith Kimmons Corp. OH&S Manager | Edy Saptono Logistics OH&S Manager |

Tabel 1b: Besar Sampel untuk Estimasi Proporsi P dengan Presisi Mutlak d dan Derajat Kepercayaan 95%

| Presisi (d) | Perkiraan proporsi pada populasi (P) | | | | | | | | | | | | | | | | | | |
|-------------|--------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 0.05 | 0.10 | 0.15 | 0.20 | 0.25 | 0.30 | 0.35 | 0.40 | 0.45 | 0.50 | 0.55 | 0.60 | 0.65 | 0.70 | 0.75 | 0.80 | 0.85 | 0.90 | 0.95 |
| 0.01 | 1825 | 3458 | 4893 | 6147 | 7203 | 8068 | 8740 | 9220 | 9508 | 9604 | 9508 | 9220 | 8740 | 8068 | 7203 | 6147 | 4898 | 3458 | 1825 |
| 0.02 | 457 | 865 | 1225 | 1537 | 1801 | 2017 | 2185 | 2305 | 2377 | 2401 | 2377 | 2305 | 2185 | 2017 | 1801 | 1537 | 1225 | 865 | 457 |
| 0.03 | 203 | 385 | 545 | 683 | 801 | 897 | 972 | 1025 | 1057 | 1068 | 1057 | 1025 | 972 | 897 | 801 | 683 | 545 | 385 | 203 |
| 0.04 | 115 | 217 | 307 | 385 | 451 | 505 | 547 | 577 | 595 | 601 | 595 | 577 | 547 | 505 | 451 | 385 | 307 | 217 | 115 |
| 0.05 | 73 | 139 | 196 | 246 | 289 | 323 | 350 | 369 | 381 | 385 | 381 | 369 | 350 | 323 | 289 | 246 | 196 | 139 | 73 |
| 0.06 | 51 | 97 | 137 | 171 | 201 | 225 | 243 | 257 | 265 | 267 | 265 | 257 | 243 | 225 | 201 | 171 | 137 | 97 | 51 |
| 0.07 | 38 | 71 | 100 | 126 | 147 | 165 | 179 | 189 | 195 | 196 | 195 | 189 | 179 | 165 | 147 | 126 | 100 | 71 | 38 |
| 0.08 | 29 | 55 | 77 | 97 | 113 | 127 | 137 | 145 | 149 | 151 | 149 | 145 | 137 | 127 | 113 | 97 | 77 | 55 | 29 |
| 0.09 | 23 | 43 | 61 | 76 | 89 | 100 | 108 | 114 | 118 | 119 | 118 | 114 | 108 | 100 | 89 | 76 | 61 | 43 | 23 |
| 0.10 | 19 | 35 | 49 | 62 | 73 | 81 | 88 | 93 | 96 | 97 | 96 | 93 | 88 | 81 | 73 | 62 | 49 | 35 | 19 |
| 0.11 | 16 | 29 | 41 | 51 | 60 | 67 | 73 | 77 | 79 | 80 | 79 | 77 | 73 | 67 | 60 | 51 | 41 | 29 | 16 |
| 0.12 | 13 | 25 | 35 | 43 | 51 | 57 | 61 | 65 | 67 | 67 | 67 | 65 | 61 | 57 | 51 | 43 | 35 | 25 | 13 |
| 0.13 | 11 | 21 | 29 | 37 | 43 | 48 | 52 | 55 | 57 | 57 | 57 | 55 | 52 | 48 | 43 | 37 | 29 | 21 | 11 |
| 0.14 | 10 | 18 | 25 | 32 | 37 | 42 | 45 | 48 | 49 | 49 | 49 | 48 | 45 | 42 | 37 | 32 | 25 | 18 | 10 |
| 0.15 | 9 | 16 | 22 | 28 | 33 | 36 | 39 | 41 | 43 | 43 | 43 | 41 | 39 | 36 | 33 | 28 | 22 | 16 | 9 |
| 0.16 | 8 | 14 | 20 | 25 | 29 | 32 | 35 | 37 | 38 | 38 | 38 | 37 | 35 | 32 | 29 | 25 | 20 | 14 | 8 |
| 0.17 | 7 | 12 | 17 | 22 | 25 | 28 | 31 | 32 | 33 | 34 | 33 | 32 | 31 | 28 | 25 | 22 | 17 | 12 | 7 |
| 0.18 | 6 | 11 | 16 | 19 | 23 | 25 | 27 | 29 | 30 | 30 | 30 | 29 | 27 | 25 | 23 | 19 | 16 | 11 | 6 |
| 0.19 | 6 | 10 | 14 | 18 | 20 | 23 | 25 | 26 | 27 | 27 | 27 | 26 | 25 | 23 | 20 | 18 | 14 | 10 | 6 |
| 0.20 | 5 | 9 | 13 | 16 | 19 | 21 | 22 | 24 | 24 | 25 | 24 | 24 | 22 | 21 | 19 | 16 | 13 | 9 | 5 |
| 0.21 | 5 | 8 | 12 | 14 | 17 | 19 | 20 | 21 | 22 | 22 | 22 | 21 | 20 | 19 | 17 | 14 | 12 | 8 | 5 |
| 0.22 | * | 8 | 11 | 13 | 15 | 17 | 19 | 20 | 20 | 20 | 20 | 20 | 19 | 17 | 15 | 13 | 11 | 8 | * |
| 0.23 | * | 7 | 10 | 12 | 14 | 16 | 17 | 18 | 18 | 19 | 18 | 18 | 17 | 16 | 14 | 12 | 10 | 7 | * |
| 0.24 | * | 7 | 9 | 11 | 13 | 15 | 16 | 17 | 17 | 17 | 17 | 17 | 16 | 15 | 13 | 11 | 9 | 7 | * |
| 0.25 | * | 6 | 8 | 10 | 12 | 13 | 14 | 15 | 16 | 16 | 16 | 15 | 14 | 13 | 12 | 10 | 8 | 6 | * |

* Jumlah sampel kurang dari 5

Catatan: Jumlah sampel pada tabel hanya berlaku untuk pengambilan sampel secara acak sederhana (simple random sampling)

Crosstabs

Case Processing Summary

| | Cases | | | | | |
|----------------|-------|---------|---------|---------|-------|---------|
| | Valid | | Missing | | Total | |
| | N | Percent | N | Percent | N | Percent |
| umur1 * level1 | 98 | 100,0% | 0 | ,0% | 98 | 100,0% |

umur1 * level1 Crosstabulation

| | | level1 | | Total |
|----------------|----------------|--------|-------|--------|
| | | 1 | 2 | |
| umur1 < 30 thn | Count | 4 | 6 | 10 |
| | Expected Count | 5,8 | 4,2 | 10,0 |
| | % within umur1 | 40,0% | 60,0% | 100,0% |
| 30 - 45 thn | Count | 52 | 21 | 73 |
| | Expected Count | 42,5 | 30,5 | 73,0 |
| | % within umur1 | 71,2% | 28,8% | 100,0% |
| > 45 thn | Count | 1 | 14 | 15 |
| | Expected Count | 8,7 | 6,3 | 15,0 |
| | % within umur1 | 6,7% | 93,3% | 100,0% |
| Total | Count | 57 | 41 | 98 |
| | Expected Count | 57,0 | 41,0 | 98,0 |
| | % within umur1 | 58,2% | 41,8% | 100,0% |

Chi-Square Tests

| | Value | df | Asymp. Sig. (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) | Point Probability |
|------------------------------|---------------------|----|-----------------------|----------------------|----------------------|-------------------|
| Pearson Chi-Square | 22,827 ^a | 2 | ,000 | ,000 | | |
| Likelihood Ratio | 24,817 | 2 | ,000 | ,000 | | |
| Fisher's Exact Test | 23,487 | | | ,000 | | |
| Linear-by-Linear Association | 5,738 ^b | 1 | ,017 | ,024 | ,013 | ,009 |
| N of Valid Cases | 98 | | | | | |

a. 1 cells (16,7%) have expected count less than 5. The minimum expected count is 4,18.

b. The standardized statistic is 2,395.

Crosstabs

Case Processing Summary

| | Cases | | | | | |
|---------------|-------|---------|---------|---------|-------|---------|
| | Valid | | Missing | | Total | |
| | N | Percent | N | Percent | N | Percent |
| IMT2 * level1 | 98 | 100,0% | 0 | ,0% | 98 | 100,0% |

IMT2 * level1 Crosstabulation

| | | | level1 | | Total |
|-------|----------------|----------------|--------|--------|--------|
| | | | 1 | 2 | |
| IMT2 | Normal | Count | 24 | 14 | 38 |
| | | Expected Count | 22,1 | 15,9 | 38,0 |
| | | % within IMT2 | 63,2% | 36,8% | 100,0% |
| | Kegemukan | Count | 21 | 18 | 39 |
| | | Expected Count | 22,7 | 16,3 | 39,0 |
| | | % within IMT2 | 53,8% | 46,2% | 100,0% |
| | Obesitas | Count | 12 | 9 | 21 |
| | | Expected Count | 12,2 | 8,8 | 21,0 |
| | | % within IMT2 | 57,1% | 42,9% | 100,0% |
| Total | Count | 57 | 41 | 98 | |
| | Expected Count | 57,0 | 41,0 | 98,0 | |
| | % within IMT2 | 58,2% | 41,8% | 100,0% | |

Chi-Square Tests

| | Value | df | Asymp. Sig. (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) | Point Probability |
|------------------------------|-------------------|----|-----------------------|----------------------|----------------------|-------------------|
| Pearson Chi-Square | ,697 ^a | 2 | ,706 | ,749 | | |
| Likelihood Ratio | ,700 | 2 | ,705 | ,749 | | |
| Fisher's Exact Test | ,729 | | | ,749 | | |
| Linear-by-Linear Association | ,324 ^b | 1 | ,569 | ,592 | ,332 | ,091 |
| N of Valid Cases | 98 | | | | | |

a. 0 cells (,0%) have expected count less than 5. The minimum expected count is 8,79.

b. The standardized statistic is ,569.

Crosstabs

Case Processing Summary

| | Cases | | | | | |
|-----------------------|-------|---------|---------|---------|-------|---------|
| | Valid | | Missing | | Total | |
| | N | Percent | N | Percent | N | Percent |
| KondisiTubuh * level1 | 98 | 100,0% | 0 | ,0% | 98 | 100,0% |

KondisiTubuh * level1 Crosstabulation

| | | | level1 | | Total |
|--------------|-----------------------|-----------------------|--------|--------|--------|
| | | | 1 | 2 | |
| KondisiTubuh | sakit | Count | 5 | 8 | 13 |
| | | Expected Count | 7,6 | 5,4 | 13,0 |
| | | % within KondisiTubuh | 38,5% | 61,5% | 100,0% |
| | sehat | Count | 52 | 33 | 85 |
| | | Expected Count | 49,4 | 35,6 | 85,0 |
| | | % within KondisiTubuh | 61,2% | 38,8% | 100,0% |
| Total | Count | 57 | 41 | 98 | |
| | Expected Count | 57,0 | 41,0 | 98,0 | |
| | % within KondisiTubuh | 58,2% | 41,8% | 100,0% | |

Chi-Square Tests

| | Value | df | Asymp. Sig. (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
|------------------------------------|--------------------|----|--------------------------|-------------------------|-------------------------|
| Pearson Chi-Square | 2,391 ^b | 1 | ,122 | ,141 | ,107 |
| Continuity Correction ^a | 1,548 | 1 | ,213 | | |
| Likelihood Ratio | 2,358 | 1 | ,125 | ,141 | ,107 |
| Fisher's Exact Test | | | | ,141 | ,107 |
| N of Valid Cases | 98 | | | | |

a. Computed only for a 2x2 table

b. 0 cells (,0%) have expected count less than 5. The minimum expected count is 5,44.

Crosstabs

Case Processing Summary

| | Cases | | | | | |
|---------------------------------|-------|---------|---------|---------|-------|---------|
| | Valid | | Missing | | Total | |
| | N | Percent | N | Percent | N | Percent |
| Total Durasi Mengemudi * level1 | 98 | 100,0% | 0 | ,0% | 98 | 100,0% |

Total Durasi Mengemudi * level1 Crosstabulation

| | | | level1 | | Total |
|------------------------|-------------|---------------------------------|--------|-------|--------|
| | | | 1 | 2 | |
| Total Durasi Mengemudi | < 12 jam | Count | 21 | 11 | 32 |
| | | Expected Count | 18,6 | 13,4 | 32,0 |
| | | % within Total Durasi Mengemudi | 65,6% | 34,4% | 100,0% |
| | 12 - 48 jam | Count | 27 | 20 | 47 |
| | | Expected Count | 27,3 | 19,7 | 47,0 |
| | | % within Total Durasi Mengemudi | 57,4% | 42,6% | 100,0% |
| | > 48 jam | Count | 9 | 10 | 19 |
| | | Expected Count | 11,1 | 7,9 | 19,0 |
| | | % within Total Durasi Mengemudi | 47,4% | 52,6% | 100,0% |
| Total | | Count | 57 | 41 | 98 |
| | | Expected Count | 57,0 | 41,0 | 98,0 |
| | | % within Total Durasi Mengemudi | 58,2% | 41,8% | 100,0% |

Chi-Square Tests

| | Value | df | Asymp. Sig. (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) | Point Probability |
|------------------------------|--------------------|----|-----------------------|----------------------|----------------------|-------------------|
| Pearson Chi-Square | 1,652 ^a | 2 | ,438 | ,436 | | |
| Likelihood Ratio | 1,653 | 2 | ,438 | ,436 | | |
| Fisher's Exact Test | 1,656 | | | ,436 | | |
| Linear-by-Linear Association | 1,626 ^b | 1 | ,202 | ,250 | ,129 | ,051 |
| N of Valid Cases | 98 | | | | | |

a. 0 cells (,0%) have expected count less than 5. The minimum expected count is 7,95.

b. The standardized statistic is 1,275.

Crosstabs

Case Processing Summary

| | Cases | | | | | |
|----------------|-------|---------|---------|---------|-------|---------|
| | Valid | | Missing | | Total | |
| | N | Percent | N | Percent | N | Percent |
| Shift * level1 | 98 | 100,0% | 0 | ,0% | 98 | 100,0% |

Shift * level1 Crosstabulation

| | | level1 | | Total |
|---------|----------------|--------|-------|--------|
| | | 1 | 2 | |
| Shift 1 | Count | 17 | 17 | 34 |
| | Expected Count | 19,8 | 14,2 | 34,0 |
| | % within Shift | 50,0% | 50,0% | 100,0% |
| 2 | Count | 25 | 16 | 41 |
| | Expected Count | 23,8 | 17,2 | 41,0 |
| | % within Shift | 61,0% | 39,0% | 100,0% |
| 3 | Count | 15 | 8 | 23 |
| | Expected Count | 13,4 | 9,6 | 23,0 |
| | % within Shift | 65,2% | 34,8% | 100,0% |
| Total | Count | 57 | 41 | 98 |
| | Expected Count | 57,0 | 41,0 | 98,0 |
| | % within Shift | 58,2% | 41,8% | 100,0% |

Chi-Square Tests

| | Value | df | Asymp. Sig. (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) | Point Probability |
|------------------------------|--------------------|----|-----------------------|----------------------|----------------------|-------------------|
| Pearson Chi-Square | 1,535 ^a | 2 | ,464 | ,477 | | |
| Likelihood Ratio | 1,532 | 2 | ,465 | ,477 | | |
| Fisher's Exact Test | 1,514 | | | ,477 | | |
| Linear-by-Linear Association | 1,411 ^b | 1 | ,235 | ,280 | ,146 | ,054 |
| N of Valid Cases | 98 | | | | | |

a. 0 cells (,0%) have expected count less than 5. The minimum expected count is 9,62.

b. The standardized statistic is -1,188.

Crosstabs

Warnings

No measures of association are computed for the crosstabulation of jadwal kerja * level1. At least one variable in each 2-way table upon which measures of association are computed is a constant.

Case Processing Summary

| | Cases | | | | | |
|-----------------------|-------|---------|---------|---------|-------|---------|
| | Valid | | Missing | | Total | |
| | N | Percent | N | Percent | N | Percent |
| jadwal kerja * level1 | 98 | 100,0% | 0 | ,0% | 98 | 100,0% |

jadwal kerja * level1 Crosstabulation

| | | level1 | | Total |
|----------------------------|-----------------------|--------|-------|--------|
| | | 1 | 2 | |
| jadwal kerja tidak teratur | Count | 57 | 41 | 98 |
| | Expected Count | 57,0 | 41,0 | 98,0 |
| | % within jadwal kerja | 58,2% | 41,8% | 100,0% |
| Total | Count | 57 | 41 | 98 |
| | Expected Count | 57,0 | 41,0 | 98,0 |
| | % within jadwal kerja | 58,2% | 41,8% | 100,0% |

Chi-Square Tests

| | Value |
|--------------------|----------------|
| Pearson Chi-Square | . ^a |
| N of Valid Cases | 98 |

a. No statistics are computed because jadwal kerja is a constant.

Crosstabs

Case Processing Summary

| | Cases | | | | | |
|----------------------------|-------|---------|---------|---------|-------|---------|
| | Valid | | Missing | | Total | |
| | N | Percent | N | Percent | N | Percent |
| sistem penggajian * level1 | 98 | 100,0% | 0 | ,0% | 98 | 100,0% |

sistem penggajian * level1 Crosstabulation

| | | | level1 | | Total |
|-------------------|----------|----------------------------|--------|-------|--------|
| | | | 1 | 2 | |
| sistem penggajian | harian | Count | 2 | 0 | 2 |
| | | Expected Count | 1,2 | ,8 | 2,0 |
| | | % within sistem penggajian | 100,0% | ,0% | 100,0% |
| | borongan | Count | 55 | 41 | 96 |
| | | Expected Count | 55,8 | 40,2 | 96,0 |
| | | % within sistem penggajian | 57,3% | 42,7% | 100,0% |
| Total | | Count | 57 | 41 | 98 |
| | | Expected Count | 57,0 | 41,0 | 98,0 |
| | | % within sistem penggajian | 58,2% | 41,8% | 100,0% |

Chi-Square Tests

| | Value | df | Asymp. Sig. (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) | Point Probability |
|------------------------------------|--------------------|----|-----------------------|----------------------|----------------------|-------------------|
| Pearson Chi-Square | 1,469 ^b | 1 | ,226 | ,508 | ,336 | |
| Continuity Correction ^a | ,238 | 1 | ,626 | | | |
| Likelihood Ratio | 2,198 | 1 | ,138 | ,508 | ,336 | |
| Fisher's Exact Test | | | | ,508 | ,336 | |
| Linear-by-Linear Association | 1,454 ^c | 1 | ,228 | ,508 | ,336 | ,336 |
| N of Valid Cases | 98 | | | | | |

a. Computed only for a 2x2 table

b. 2 cells (50,0%) have expected count less than 5. The minimum expected count is ,84.

c. The standardized statistic is 1,206.

Crosstabs

Case Processing Summary

| | Cases | | | | | |
|-----------------|-------|---------|---------|---------|-------|---------|
| | Valid | | Missing | | Total | |
| | N | Percent | N | Percent | N | Percent |
| jenis2 * level1 | 98 | 100,0% | 0 | ,0% | 98 | 100,0% |

jenis2 * level1 Crosstabulation

| | | | level1 | | Total |
|--------|-----------------|-----------------|--------|--------|--------|
| | | | 1 | 2 | |
| jenis2 | 1 | Count | 29 | 15 | 44 |
| | | Expected Count | 25,6 | 18,4 | 44,0 |
| | | % within jenis2 | 65,9% | 34,1% | 100,0% |
| | 2 | Count | 6 | 6 | 12 |
| | | Expected Count | 7,0 | 5,0 | 12,0 |
| | | % within jenis2 | 50,0% | 50,0% | 100,0% |
| | 3 | Count | 22 | 20 | 42 |
| | | Expected Count | 24,4 | 17,6 | 42,0 |
| | | % within jenis2 | 52,4% | 47,6% | 100,0% |
| Total | Count | 57 | 41 | 98 | |
| | Expected Count | 57,0 | 41,0 | 98,0 | |
| | % within jenis2 | 58,2% | 41,8% | 100,0% | |

Chi-Square Tests

| | Value | df | Asymp. Sig. (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) | Point Probability |
|------------------------------|--------------------|----|-----------------------|----------------------|----------------------|-------------------|
| Pearson Chi-Square | 1,991 ^a | 2 | ,370 | ,411 | | |
| Likelihood Ratio | 2,004 | 2 | ,367 | ,411 | | |
| Fisher's Exact Test | 2,038 | | | ,347 | | |
| Linear-by-Linear Association | 1,612 ^b | 1 | ,204 | ,232 | ,123 | ,039 |
| N of Valid Cases | 98 | | | | | |

a. 0 cells (,0%) have expected count less than 5. The minimum expected count is 5,02.

b. The standardized statistic is 1,270.