

BAB V

KESIMPULAN DAN SARAN

5.1. Kesimpulan

Berdasarkan hasil analisis dan pembahasan hasil penelitian, dapat ditarik beberapa kesimpulan sebagai berikut:

1. Terdapat hubungan positif yang signifikan antara pengendalian mutu (*quality control*) dengan produktivitas pekerja.
2. Terdapat hubungan positif yang signifikan antara pengendalian mutu (*quality control*) dengan keselamatan kerja.
3. Terdapat hubungan positif yang signifikan antara produktivitas pekerja dengan keselamatan kerja.

5.2. Saran

Berdasarkan temuan hasil penelitian maka dapat diajukan beberapa saran sebagai berikut:

1. Bagi pimpinan proyek konstruksi supaya meningkatkan ketiga variabel yaitu pengendalian mutu, produktivitas pekerja serta keselamatan kerja baik secara sendiri-sendiri maupun bersama-sama. Pimpinan proyek harus lebih memperhatikan metode kerja, kuantitas kerja maupun keterampilan pekerja yang rata-ratanya masih kurang.
2. Bagi peneliti selanjutnya disarankan agar penelitian dikembangkan kepada variabel lain yang diduga mempunyai hubungan dengan ketiga variabel

tersebut, misalnya kepemimpinan pimpinan proyek, kepuasan kerja maupun motivasi pekerja dengan analisis yang lebih mendalam (*in-depth*).



DAFTAR PUSTAKA

- Anonim, 2002, *Keselamatan Kerja di Indonesia Masih Rendah*, Surya, Jakarta.
- Asral, Datu Rizal dan Syahrizal Sutan, 2000, *Peningkatan Sistem Mutu Metode CPQMM (Comprehensive Productivity and Quality management Model)*, Jurnal LIPI ISSN 0852-002X, PPI – KIM 2000
- Azwar, Saifuddin, Drs., MA., 1997, *Reliabilitas dan Validitas*, Pustaka Pelajar, Yogyakarta.
- Dajan, Anto, 1996, *Pengantar Metode Statistik jilid 2*, Penerbit LP3ES, Jakarta.
- Daryatno, Ir., 2001, Manajemen Konstruksi, *Trend Teknik Sipil Era Milenium Baru*, pp. 174 – 200.
- Gaspersz, Vincent, 2008, *Total Quality Management*, PT Gramedia Pustaka Utama, Jakarta.
- Himpunan Peraturan Perundang-undangan Republik Indonesia, 2008, *Keselamatan dan Kesehatan Kerja (K3)*, Nuansa Aulia, Bandung.
- KPPU, 2008, *Position Paper KPPU Terhadap Perkembangan Industri Jasa Konstruksi*, Jakarta.
- Lestari dan Trisyulianti, 2009, *Hubungan Keselamatan dan Kesehatan (K3) dengan Produktivitas Kerja Karyawan (Studi Kasus: Bagian Pengolahan PTPN VIII Gunung Mas, Bogor)*, Jurnal Manajemen, Vol 1 No. 1.
- Loushines, TW., Hoonaker Peter LT, Carayon, Pascale and Smith, Michael J, 2006, *quality and Safety Management in Construction*, Total Quality Management Vol. 17 No.9, 1171-1212.
- Purbasari, DP, 2011, *Prospek Investasi 2010: Peluang di Antara Perubahan dan Ketidakpastian*, sumber <http://www.bni.co.id/Portals/0/Document/Ulasan%20Ekonomi/investasi.pdf>
- Ramli, Soehatman, 2010, *Sistem Manajemen Keselamatan dan Kesehatan Kerja*, Dian Rakyat, Jakarta.
- Ravianto, J., 1985, *Produktivitas dan Manajemen*, Lembaga Sarana Informasi Usaha dan Produktivitas, Jakarta.

- Ridley, John, 2008, *Ikhtisar Kesehatan dan Keselamatan Kerja Edisi Ketiga*, Penerbit Erlangga, Jakarta.
- Robbin, P, 2006, *Perilaku Organisasi*, Erlangga, Jakarta.
- Sadikin, Franciskus Xaverius, 2005, *Tip dan Trik Meningkatkan Efisiensi, Produktivitas, dan Profitabilitas*, Penerbit Andi, Yogyakarta.
- Santoso, Gempur, 2004, *Manajemen Keselamatan dan Kesehatan Kerja*, Prestasi Pustaka, Jakarta.
- Soeparto, Hari G. Ir., PMP., 2001, Pengelolaan Proyek Konstruksi Kini dan Masa Mendatang, *Trend Teknik Sipil Era Milenium Baru*, pp. 147 – 173.
- Soeharto, Iman Ir., 1997, *Manajemen Proyek dari Konseptual sampai Operasional*, Penerbit Erlangga, Jakarta.
- Suardi, Rudi, 2007, *Sistem Manajemen Keselamatan & Kesehatan Kerja*, Penerbit PPM, Jakarta.
- Sugiyono, 2007, *Statistik untuk Penelitian*, Alfa Beta, Bandung.

DATA DEMOGRAFIS

1. Nama responden (*optional*) :
2. Usia :
 < 30 tahun
 30 – 40 tahun
 > 40 tahun
3. Nama proyek yang sedang dikerjakan (*optional*) :
4. Jabatan pada proyek yang sedang dikerjakan :
 Tukang Batu
 Tukang Besi
 Tukang Kayu
5. Upah standar (*optional*) : Rp.,00 / hari
6. Upah lembur (*optional*) : Rp.,00 / jam
7. Pengalaman bekerja :
 < 5 tahun
 5 – 10 tahun
 > 10 tahun
8. Pendidikan Terakhir :
 SD
 SMP
 SMA / SMK / STM
 Lain – lain, sebutkan.....

KUESIONER QUALITY CONTROL

No	Pertanyaan	SS	S	R	TS	STS
1	Metode kerja yang digunakan dapat digunakan untuk mengoreksi waktu pekerjaan					
2	Metode kerja yang dipakai cukup peka terhadap penyimpangan					
3	Bentuk tindakan perusahaan terhadap pekerjaan yang dilakukan sudah tepat					
4	Bentuk tindakan perusahaan terhadap pekerjaan yang dilakukan sudah benar					
5	Kendali pekerjaan terpusat					
6	Penggunaan waktu dapat efisien					
7	Penggunaan tenaga dapat efisien					
8	Komunikasi pimpinan untuk koreksi pekerjaan					
9	Komunikasi pelaksana lapangan untuk koreksi pekerjaan					
10	Tersedia petunjuk prakiraan hasil pekerjaan					
11	Tersedia petunjuk prakiraan waktu pekerjaan					

KUESIONER PRODUKTIVITAS KERJA

No	Pertanyaan	SS	S	R	TS	STS
1	Saya merasa puas terhadap hasil kerja yang telah dilakukan					
2	Saya dapat meningkatkan prestasi pada pekerjaan saya sekarang					
3	Perusahaan memberikan penghargaan bagi pekerja yang berprestasi					
4	Saya bekerja sesuai dengan standar kerja					
5	Saya tidak banyak membuat kesalahan dalam bekerja					
6	Saya mampu menyelesaikan pekerjaan yang dilakukan					
7	Saya memahami isi pekerjaan					
8	Saya memahami jumlah pekerjaan					
9	Saya bekerja sudah memenuhi target kerja					
10	Saya dapat menyelesaikan pekerjaan tepat waktu					
11	Saya selalu masuk kerja tepat waktu					
12	Saya bekerja dengan teliti					
13	Saya tidak banyak melakukan kesalahan dalam bekerja					

(Sumber: Robbin, 2006 dalam buku Perilaku Organisasi)

KUESIONER KESELAMATAN KERJA

No	Pertanyaan	SS	S	R	TS	STS
1	Standar dan prosedur K3 dilaksanakan secara konsekuen					
2	Perusahaan selalu terbuka dalam masalah keselamatan kerja					
3	Keselamatan kerja merupakan prioritas utama saya dalam bekerja dan menyelesaikan pekerjaan					
4	Saya selalu mengingatkan sesama rekan kerja agar bekerja secara aman					
5	Perusahaan memperhatikan keselamatan kerja sebagai hal yang sangat penting					
6	Saya selalu menginformasikan masalah keselamatan yang ada di tempat kerja					
7	Perusahaan selalu bertindak tegas bila ada pelanggaran mengenai keselamatan kerja					
8	Perusahaan selalu memberikan sanksi/hukuman terhadap pekerja yang menyalahi peraturan K3					
9	Saya selalu mengkomunikasikan masalah keselamatan kerja kepada sesama rekan kerja					
10	Saya selalu dilibatkan dalam masalah keselamatan kerja di tempat kerja					
11	Perusahaan selalu menanggapi semua laporan kondisi tidak aman yang terjadi di tempat kerja					
12	Perusahaan selalu bertindak cepat untuk memperbaiki kondisi yang tidak aman					
13	Perusahaan selalu mengingatkan pekerja agar patuh terhadap peraturan K3					
14	Keselamatan merupakan hal yang utama bagi saya dalam bekerja					
15	Saya selalu meningkatkan kemampuan program K3 yang saya miliki					
16	Saya memiliki tanggung jawab atas keselamatan kerja saya sendiri dan pekerja lain					
17	Saya selalu menaruh perhatian terhadap keselamatan kerja					

No	Pertanyaan	SS	S	R	TS	STS
18	Perusahaan menganggap K3 sama pentingnya dengan lancarnya pekerjaan					
19	Perusahaan menyediakan semua peralatan K3 (Helmet, safety shoes) bagi semua pekerja					
20	Saya mendapatkan pelatihan K3 ketika baru bekerja					
21	Saya mendapatkan penyegaran pelatihan K3 tiap tahun					
22	Latar belakang pendidikan saya sesuai dengan bidang kerja saya sekarang					
23	Saya selalu ikut serta dalam pengambilan keputusan mengenai masalah K3					
24	Sekali seminggu perusahaan melaksanakan rapat kerja bersama para pekerja					
25	Saya terlibat dalam rapat kerja mingguan yang ada di tempat kerja					
26	Semua pekerja diwajibkan untuk ikut dalam rapat kerja mingguan					
27	Perusahaan menyediakan wadah bagi para pekerja untuk membahas masalah K3					
28	Perusahaan memberi kebebasan bagi pekerja untuk memberikan kritik dan saran mengenai masalah K3					
29	Perusahaan menyediakan cukup dana untuk melaksanakan program K3					

☺ Terima kasih atas partisipasi anda ☺

TABEL
NILAI-NILAI r PRODUCT MOMENT

N	Taraf Signif		N	Taraf Signif		N	Taraf Signif	
	5%	1%		5%	1%		5%	1%
3	0,997	0,999	27	0,381	0,487	55	0,266	0,345
4	0,950	0,990	28	0,374	0,478	60	0,254	0,330
5	0,878	0,959	29	0,367	0,470	65	0,244	0,317
6	0,811	0,917	30	0,361	0,463	70	0,235	0,306
7	0,754	0,874	31	0,355	0,456	75	0,227	0,296
8	0,707	0,834	32	0,349	0,449	80	0,220	0,286
9	0,666	0,798	33	0,344	0,442	85	0,213	0,278
10	0,632	0,765	34	0,339	0,436	90	0,207	0,270
11	0,602	0,735	35	0,334	0,430	95	0,202	0,263
12	0,576	0,708	36	0,329	0,424	100	0,195	0,256
13	0,553	0,684	37	0,325	0,418	125	0,176	0,230
14	0,532	0,661	38	0,320	0,413	150	0,159	0,210
15	0,514	0,641	39	0,316	0,408	175	0,148	0,194
16	0,497	0,623	40	0,312	0,403	200	0,138	0,181
17	0,482	0,606	41	0,308	0,398	300	0,113	0,148
18	0,468	0,590	42	0,304	0,393	400	0,098	0,128
19	0,456	0,575	43	0,301	0,389	500	0,088	0,115
20	0,444	0,561	44	0,297	0,384	600	0,080	0,105
21	0,433	0,549	45	0,294	0,380	700	0,074	0,097
22	0,423	0,537	46	0,291	0,376	800	0,070	0,091
23	0,413	0,526	47	0,288	0,372	900	0,065	0,086
24	0,404	0,515	48	0,284	0,368	1000	0,062	0,081
25	0,396	0,505	49	0,281	0,364			
26	0,388	0,496	50	0,279	0,361			

Resp	X1												X2																				
	1	2	3	4	5	6	7	8	9	10	11	X1	1	2	3	4	5	6	7	8	9	10	11	12	13	X2	1	2	3	4	5	6	7
1	4	4	4	4	3	3	4	4	3	4	4	41	4	3	4	3	3	3	4	3	3	3	4	3	43	3	3	3	5	3	3	3	
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X3																							
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5	5	4	5	5	5	3	3	3	5	5	5	5	5	5	5	5	5	5	3	5	5	132	P20
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HASIL UJI VALIDITAS

1. Quality Control

Correlations

		P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	X1
P1	Pearson Correlation	1	.541**	.489**	.576**	.265	.393*	.506**	.538**	.499**	.524**	.480**	.756**
	Sig. (2-tailed)		.002	.006	.001	.157	.032	.004	.002	.005	.003	.011	.000
	N	30	30	30	30	30	30	30	30	30	30	30	30
P2	Pearson Correlation	.541**	1	.411*	.612**	.083	.293	.122	.072	.333	.966**	.120	.567**
	Sig. (2-tailed)	.002		.024	.000	.662	.116	.521	.704	.072	.000	.529	.001
	N	30	30	30	30	30	30	30	30	30	30	30	30
P3	Pearson Correlation	.489**	.411*	1	.345	.214	.276	.155	.329	.837**	.398*	.044	.584**
	Sig. (2-tailed)	.008	.024		.062	.256	.140	.413	.078	.000	.029	.818	.001
	N	30	30	30	30	30	30	30	30	30	30	30	30
P4	Pearson Correlation	.576**	.612**	.345	1	.048	.158	.137	.181	.360	.563**	.143	.516**
	Sig. (2-tailed)	.001	.000	.062		.797	.404	.472	.387	.050	.001	.452	.004
	N	30	30	30	30	30	30	30	30	30	30	30	30
P5	Pearson Correlation	.265	.083	.214	.048	1	.773**	.654**	.768**	.262	.080	.632**	.686**
	Sig. (2-tailed)	.157	.662	.256	.797		.000	.000	.000	.161	.672	.000	.000
	N	30	30	30	30	30	30	30	30	30	30	30	30
P6	Pearson Correlation	.393*	.293	.276	.158	.773**	1	.752**	.848**	.278	.284	.722**	.815**
	Sig. (2-tailed)	.032	.116	.140	.404	.000		.000	.000	.136	.129	.000	.000
	N	30	30	30	30	30	30	30	30	30	30	30	30
P7	Pearson Correlation	.506**	.122	.155	.137	.654**	.752**	1	.891**	.146	.063	.942**	.774**
	Sig. (2-tailed)	.004	.521	.413	.472	.000	.000		.000	.441	.626	.000	.000
	N	30	30	30	30	30	30	30	30	30	30	30	30
P8	Pearson Correlation	.538**	.072	.329	.161	.768**	.848**	.891**	1	.323	.070	.830**	.829**
	Sig. (2-tailed)	.002	.704	.076	.397	.000	.000	.000		.082	.713	.000	.000
	N	30	30	30	30	30	30	30	30	30	30	30	30
P9	Pearson Correlation	.499**	.333	.637**	.360	.262	.278	.146	.323	1	.354	.042	.577**
	Sig. (2-tailed)	.005	.072	.000	.050	.161	.136	.441	.082		.055	.826	.001
	N	30	30	30	30	30	30	30	30	30	30	30	30
P10	Pearson Correlation	.524**	.966**	.398*	.593**	.080	.284	.093	.070	.354	1	.088	.553**
	Sig. (2-tailed)	.003	.000	.029	.001	.872	.129	.626	.713	.055		.639	.002
	N	30	30	30	30	30	30	30	30	30	30	30	30
P11	Pearson Correlation	.480**	.120	.044	.143	.632**	.722**	.942**	.830**	.042	.089	1	.724**
	Sig. (2-tailed)	.011	.529	.818	.452	.000	.000	.000	.000	.826	.639		.000
	N	30	30	30	30	30	30	30	30	30	30	30	30
X1	Pearson Correlation	.756**	.567**	.584**	.516**	.686**	.815**	.774**	.829**	.577**	.553**	.724**	1
	Sig. (2-tailed)	.000	.001	.001	.004	.000	.000	.000	.000	.001	.002	.000	
	N	30	30	30	30	30	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).

Item	rxy hitung	rxy tabel	keterangan
P1	0,759	0,361	valid
P2	0,567	0,361	valid
P3	0,584	0,361	valid
P4	0,516	0,361	valid
P5	0,686	0,361	valid
P6	0,815	0,361	valid
P7	0,774	0,361	valid
P8	0,829	0,361	valid
P9	0,577	0,361	valid
P10	0,553	0,361	valid
P11	0,724	0,361	valid

2. Produktivitas

Correlations

	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	P13	X2
P1	Pearson Correlation Sig. (2-tailed) N	1 ,422* 30	,603* ,000 30	,555* ,001 30	,616* ,000 30	,437* ,016 30	,135 ,478 30	,780* ,000 30	,182 ,310 30	,168 ,293 30	,413* ,023 30	,418* ,021 30	,442* ,014 30	,684* ,000 30
P2	Pearson Correlation Sig. (2-tailed) N	,522* ,003 30	1 ,000 30	,728* ,000 30	,651* ,000 30	,571* ,001 30	,336 ,238 30	,714* ,000 30	,144 ,448 30	,370* ,044 30	,370* ,044 30	,343 ,063 30	,683* ,000 30	,732* ,000 30
P3	Pearson Correlation Sig. (2-tailed) N	,603* ,000 30	,728* ,000 30	1 ,000 30	,727* ,000 30	,651* ,000 30	,440* ,015 30	,187 ,324 30	,785* ,000 30	,324 ,081 30	,131 ,490 30	,477* ,008 30	,574* ,001 30	,496* ,005 30
P4	Pearson Correlation Sig. (2-tailed) N	,555* ,001 30	,651* ,000 30	,727* ,000 30	1 ,000 30	,755* ,009 30	,468 ,200 30	,752* ,120 30	,157 ,407 30	,434* ,017 30	,482* ,010 30	,353 ,056 30	,446* ,014 30	,772* ,000 30
P5	Pearson Correlation Sig. (2-tailed) N	,616* ,001 30	,651* ,000 30	,755* ,000 30	,727* ,000 30	1 ,000 30	,467 ,011 30	,162 ,423 30	,637* ,000 30	,111 ,580 30	,350 ,058 30	,430* ,018 30	,388* ,034 30	,512* ,004 30
P6	Pearson Correlation Sig. (2-tailed) N	,437* ,016 30	,336 ,238 30	,440* ,015 30	,468 ,200 30	,457* ,011 30	1 ,425* 30	,398* ,018 30	,551* ,002 30	,551* ,028 30	,402* ,000 30	,780* ,002 30	,544* ,002 30	,388* ,030 30
P7	Pearson Correlation Sig. (2-tailed) N	,135 ,478 30	,238 ,208 30	,187 ,324 30	,290 ,120 30	,152 ,423 30	,425* ,019 30	1 ,302 30	,287 ,105 30	,517* ,124 30	,379* ,003 30	,379* ,038 30	,233 ,215 30	,353 ,005 30
P8	Pearson Correlation Sig. (2-tailed) N	,780* ,000 30	,714* ,000 30	,785* ,000 30	,752* ,000 30	,637* ,000 30	,388* ,105 30	1 ,302 30	,167 ,290 30	,197 ,289 30	,200 ,020 30	,422* ,025 30	,497* ,005 30	,778* ,000 30
P9	Pearson Correlation Sig. (2-tailed) N	,182 ,310 30	,168 ,293 30	,413* ,023 30	,418* ,021 30	,442* ,014 30	,684* ,000 30	,780* ,000 30	1 ,296 30	,635* ,113 30	,739* ,000 30	,739* ,000 30	,339 ,067 30	,561* ,001 30
P10	Pearson Correlation Sig. (2-tailed) N	,199 ,293 30	,370* ,044 30	,131 ,490 30	,434* ,017 30	,350 ,058 30	,402* ,028 30	,517* ,003 30	,200 ,289 30	,296 ,113 30	1 ,523* 30	,523* ,003 30	,191 ,311 30	,575* ,001 30
P11	Pearson Correlation Sig. (2-tailed) N	,413* ,023 30	,370* ,044 30	,477* ,008 30	,440* ,015 30	,457* ,011 30	,780* ,000 30	,551* ,002 30	,422* ,020 30	,635* ,000 30	,523* ,000 30	1 ,538* 30	,538* ,002 30	,788* ,000 30
P12	Pearson Correlation Sig. (2-tailed) N	,418* ,021 30	,343 ,063 30	,574* ,001 30	,353 ,056 30	,388* ,034 30	,544* ,002 30	,233 ,215 30	,407* ,025 30	,739* ,000 30	,191 ,311 30	,538* ,002 30	1 ,423* 30	,686* ,000 30
P13	Pearson Correlation Sig. (2-tailed) N	,442* ,014 30	,683* ,000 30	,496* ,005 30	,446* ,014 30	,512* ,004 30	,388* ,030 30	,353 ,056 30	,497* ,005 30	,338 ,067 30	,575* ,001 30	,479* ,007 30	,423* ,020 30	1 ,737* 30
X2	Pearson Correlation Sig. (2-tailed) N	,694* ,000 30	,732* ,000 30	,783* ,000 30	,772* ,000 30	,727* ,000 30	,737* ,000 30	,496* ,005 30	,778* ,000 30	,561* ,001 30	,575* ,001 30	,769* ,000 30	,686* ,000 30	,737* ,000 30

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

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

Item	rx _y hitung	rx _v tabel	keterangan
P1	0,694	0,361	valid
P2	0,732	0,361	valid
P3	0,783	0,361	valid
P4	0,772	0,361	valid
P5	0,727	0,361	valid
P6	0,737	0,361	valid
P7	0,496	0,361	valid
P8	0,778	0,361	valid
P9	0,561	0,361	valid
P10	0,575	0,361	valid
P11	0,769	0,361	valid
P12	0,686	0,361	valid
P13	0,737	0,361	valid

3. K3

Correlations

	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	X3
P1 Pearson Correlation	1	.247	.420*	.379*	.478**	.538**	.223	.802**	.547**	.440*	.858**
Sig. (2-tailed)		.188	.021	.039	.007	.002	.235	.000	.002	.015	.000
N	30	30	30	30	30	30	30	30	30	30	30
P2 Pearson Correlation	.247	1	.340	.215	.741**	.195	.590**	.378*	.441*	.257	.857**
Sig. (2-tailed)	.188		.066	.254	.000	.302	.001	.040	.015	.171	.001
N	30	30	30	30	30	30	30	30	30	30	30
P3 Pearson Correlation	.420*	.340	1	.323	.420*	.641**	.241	.343	.588**	.334	.837**
Sig. (2-tailed)	.021	.066		.082	.021	.000	.200	.064	.001	.071	.000
N	30	30	30	30	30	30	30	30	30	30	30
P4 Pearson Correlation	.379*	.215	.323	1	.390*	.487**	.331	.286	.426*	.501**	.635**
Sig. (2-tailed)	.039	.254	.082		.033	.006	.074	.156	.018	.005	.000
N	30	30	30	30	30	30	30	30	30	30	30
P5 Pearson Correlation	.478**	.741**	.420*	.390*	1	.478**	.487**	.614**	.454*	.534**	.724**
Sig. (2-tailed)	.007	.000	.021	.033		.007	.006	.000	.012	.002	.000
N	30	30	30	30	30	30	30	30	30	30	30
P6 Pearson Correlation	.538**	.195	.641**	.487**	.478**	1	.250	.552**	.519**	.377*	.744**
Sig. (2-tailed)	.002	.302	.000	.006	.007		.183	.002	.003	.040	.000
N	30	30	30	30	30	30	30	30	30	30	30
P7 Pearson Correlation	.223	.590**	.241	.331	.487**	.250	1	.223	.515**	.212	.559**
Sig. (2-tailed)	.235	.001	.200	.074	.006	.183		.236	.004	.260	.001
N	30	30	30	30	30	30	30	30	30	30	30
P8 Pearson Correlation	.802**	.378*	.343	.286	.614**	.552**	.223	1	.238	.873**	.852**
Sig. (2-tailed)	.000	.040	.064	.156	.000	.002	.236		.206	.000	.000
N	30	30	30	30	30	30	30	30	30	30	30
P9 Pearson Correlation	.547**	.441*	.588**	.429*	.454*	.519**	.515**	.238	1	.174	.724**
Sig. (2-tailed)	.002	.015	.001	.018	.012	.003	.004	.206		.359	.000
N	30	30	30	30	30	30	30	30	30	30	30
P10 Pearson Correlation	.440*	.257	.334	.501**	.534**	.377*	.212	.873**	.174	1	.578**
Sig. (2-tailed)	.015	.171	.071	.005	.002	.040	.260	.000	.359		.001
N	30	30	30	30	30	30	30	30	30	30	30
X3 Pearson Correlation	.858**	.857**	.837**	.635**	.724**	.744**	.559**	.852**	.724**	.578**	1
Sig. (2-tailed)	.000	.001	.000	.000	.000	.000	.001	.000	.000	.001	
N	30	30	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).

Correlations

	P11	P12	P13	P14	P15	P16	P17	P18	P19	P20	X3
P11 Pearson Correlation	1	.071	.747**	.252	.514**	.368*	.475**	.557**	.360	.403*	.853**
Sig. (2-tailed)		.711	.000	.180	.004	.048	.008	.001	.051	.027	.000
N	30	30	30	30	30	30	30	30	30	30	30
P12 Pearson Correlation	.071	1	.301	.451**	.255	.443*	.409*	.304	.477**	.538**	.575**
Sig. (2-tailed)	.711		.106	.012	.174	.014	.025	.103	.008	.002	.001
N	30	30	30	30	30	30	30	30	30	30	30
P13 Pearson Correlation	.747**	.301	1	.281	.560**	.334	.390*	.574**	.466**	.257	.892**
Sig. (2-tailed)	.000	.106		.163	.001	.071	.033	.001	.006	.171	.000
N	30	30	30	30	30	30	30	30	30	30	30
P14 Pearson Correlation	.252	.451**	.281	1	.425*	.396*	.551**	.402*	.780**	.544**	.871**
Sig. (2-tailed)	.180	.012	.163		.019	.030	.002	.028	.000	.002	.000
N	30	30	30	30	30	30	30	30	30	30	30
P15 Pearson Correlation	.514**	.255	.560**	.425*	1	.302	.287	.517**	.379*	.233	.866**
Sig. (2-tailed)	.004	.174	.001	.019		.105	.124	.003	.039	.215	.000
N	30	30	30	30	30	30	30	30	30	30	30
P16 Pearson Correlation	.368*	.443*	.334	.396*	.302	1	.197	.200	.422*	.407*	.498**
Sig. (2-tailed)	.048	.014	.071	.030	.105		.296	.289	.020	.025	.005
N	30	30	30	30	30	30	30	30	30	30	30
P17 Pearson Correlation	.475**	.409*	.390*	.551**	.287	.197	1	.296	.835**	.739**	.817**
Sig. (2-tailed)	.008	.025	.033	.002	.124	.296		.113	.000	.000	.000
N	30	30	30	30	30	30	30	30	30	30	30
P18 Pearson Correlation	.557**	.304	.574**	.402*	.517**	.200	.296	1	.523**	.191	.712**
Sig. (2-tailed)	.001	.103	.001	.028	.003	.289	.113		.003	.311	.000
N	30	30	30	30	30	30	30	30	30	30	30
P19 Pearson Correlation	.360	.477**	.466**	.780**	.379*	.422*	.835**	.523**	1	.538**	.776**
Sig. (2-tailed)	.051	.008	.009	.000	.039	.020	.000	.003		.002	.000
N	30	30	30	30	30	30	30	30	30	30	30
P20 Pearson Correlation	.403*	.538**	.257	.544**	.233	.407*	.739**	.191	.538**	1	.599**
Sig. (2-tailed)	.027	.002	.171	.002	.215	.025	.000	.311	.002		.000
N	30	30	30	30	30	30	30	30	30	30	30
X3 Pearson Correlation	.853**	.575**	.892**	.871**	.866**	.498**	.817**	.712**	.776**	.599**	1
Sig. (2-tailed)	.000	.001	.000	.000	.000	.005	.000	.000	.000	.000	
N	30	30	30	30	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).

Correlations

	P21	P22	P23	P24	P25	P26	P27	P28	P29	X3
P21 Pearson Correlation	1	,184	,296	,225	,194	,238	,133	,215	,223	,702
Sig. (2-tailed)		,330	,112	,233	,305	,205	,484	,255	,235	,000
N	30	30	30	30	30	30	30	30	30	30
P22 Pearson Correlation	,184	1	,799*	,670*	,633*	,720*	,522*	,579*	,437*	,488*
Sig. (2-tailed)	,330		,000	,000	,000	,000	,003	,001	,016	,005
N	30	30	30	30	30	30	30	30	30	30
P23 Pearson Correlation	,296	,799*	1	,757*	,384*	,570*	,500*	,381*	,329	,456*
Sig. (2-tailed)	,112	,000		,000	,031	,001	,005	,038	,078	,011
N	30	30	30	30	30	30	30	30	30	30
P24 Pearson Correlation	,225	,670*	,757*	1	,454*	,605*	,536*	,438*	,453*	,540*
Sig. (2-tailed)	,233	,000	,000		,012	,000	,002	,015	,012	,002
N	30	30	30	30	30	30	30	30	30	30
P25 Pearson Correlation	,194	,633*	,384*	,454*	1	,413*	,380*	,387*	,386*	,600*
Sig. (2-tailed)	,305	,000	,031	,012		,023	,038	,034	,035	,000
N	30	30	30	30	30	30	30	30	30	30
P26 Pearson Correlation	,238	,720*	,570*	,605*	,413*	1	,538*	,733**	,470**	,510**
Sig. (2-tailed)	,205	,000	,001	,000	,023		,002	,000	,009	,004
N	30	30	30	30	30	30	30	30	30	30
P27 Pearson Correlation	,133	,522*	,500*	,536*	,380*	,538*	1	,588**	,498**	,473**
Sig. (2-tailed)	,484	,003	,005	,002	,038	,002		,001	,005	,008
N	30	30	30	30	30	30	30	30	30	30
P28 Pearson Correlation	,215	,579*	,381*	,438*	,387*	,733**	,566**	1	,402*	,551**
Sig. (2-tailed)	,255	,001	,038	,015	,034	,000	,001		,028	,002
N	30	30	30	30	30	30	30	30	30	30
P29 Pearson Correlation	,223	,437*	,329	,453*	,386*	,470**	,496**	,402*	1	,460*
Sig. (2-tailed)	,235	,018	,076	,012	,035	,009	,005	,028		,011
N	30	30	30	30	30	30	30	30	30	30
X3 Pearson Correlation	,702	,499*	,456*	,540*	,600*	,510**	,473**	,551**	,460*	1
Sig. (2-tailed)	,000	,005	,011	,002	,000	,004	,008	,002	,011	
N	30	30	30	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).

Item	rx hitung	rx tabel	keterangan
P1	0,658	0,361	valid
P2	0,557	0,361	valid
P3	0,637	0,361	valid
P4	0,635	0,361	valid
P5	0,724	0,361	valid
P6	0,744	0,361	valid
P7	0,559	0,361	valid
P8	0,652	0,361	valid
P9	0,724	0,361	valid
P10	0,578	0,361	valid
P11	0,653	0,361	valid
P12	0,575	0,361	valid
P13	0,692	0,361	valid
P14	0,671	0,361	valid
P15	0,666	0,361	valid
P16	0,498	0,361	valid
P17	0,617	0,361	valid
P18	0,712	0,361	valid
P19	0,776	0,361	valid
P20	0,599	0,361	valid
P21	0,702	0,361	valid
P22	0,499	0,361	valid
P23	0,456	0,361	valid
P24	0,540	0,361	valid
P25	0,600	0,361	valid
P26	0,510	0,361	valid
P27	0,473	0,361	valid
P28	0,551	0,361	valid
P29	0,460	0,361	valid

HASIL UJI RELIABILITAS

1. Quality Control

Reliability

Scale: ALL VARIABLES

Case Processing Summary

		N	%
Cases	Valid	30	100,0
	Excluded ^a	0	,0
	Total	30	100,0

a. Listwise deletion based on all variables in the procedure.

Reliability Statistics

Cronbach's Alpha	N of Items
,881	11

Item Statistics

	Mean	Std. Deviation	N
P1	4,33	,959	30
P2	4,17	1,020	30
P3	3,90	1,029	30
P4	4,23	1,040	30
P5	3,60	1,221	30
P6	3,43	1,251	30
P7	3,67	1,295	30
P8	3,60	1,404	30
P9	3,97	1,033	30
P10	4,17	1,053	30
P11	3,53	1,224	30

2. Produktivitas

Reliability

Scale: ALL VARIABLES

Case Processing Summary

		N	%
Cases	Valid	30	100,0
	Excluded ^a	0	,0
	Total	30	100,0

a. Listwise deletion based on all variables in the procedure.

Reliability Statistics

Cronbach's Alpha	N of Items
,911	13

Item Statistics

	Mean	Std. Deviation	N
P1	3,20	1,095	30
P2	3,17	1,085	30
P3	3,13	1,106	30
P4	3,03	1,066	30
P5	3,23	1,104	30
P6	3,13	1,167	30
P7	3,40	1,070	30
P8	3,23	1,194	30
P9	3,10	1,213	30
P10	3,27	1,172	30
P11	3,27	1,172	30
P12	3,03	1,189	30
P13	3,13	1,224	30

3. K3

Reliability

Scale: ALL VARIABLES

Case Processing Summary

		N	%
Cases	Valid	30	100,0
	Excluded ^a	0	,0
	Total	30	100,0

a. Listwise deletion based on all variables in the procedure.

Reliability Statistics

Cronbach's Alpha	N of Items
,940	29

Item Statistics

	Mean	Std. Deviation	N
P1	3,83	1,117	30
P2	2,87	1,042	30
P3	3,27	,980	30
P4	3,30	1,264	30
P5	2,90	1,322	30
P6	3,47	1,167	30
P7	3,03	1,129	30
P8	3,00	1,232	30
P9	3,17	1,177	30
P10	2,77	1,040	30
P11	3,53	1,042	30
P12	2,97	1,189	30
P13	3,33	1,093	30
P14	3,13	1,167	30
P15	3,40	1,070	30
P16	3,23	1,194	30
P17	3,10	1,213	30
P18	3,27	1,172	30
P19	3,27	1,172	30
P20	3,03	1,189	30
P21	3,13	1,224	30
P22	4,27	,907	30
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P27	3,63	1,159	30
P28	4,00	1,050	30
P29	3,73	1,143	30

Resp	X1																						
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X2																							
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3	3	4	4	3	4	11	6	21	8	46	3	4	3	4	4	4	3	3	3	3	4	4	3
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X3														Jumlah					
14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	X3-1	X3-2	X3-3	X3
																11	11	7	
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4	3	3	3	4	3	3	4	4	4	3	3	3	3	4	4	39	37	25	101
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3	4	3	4	4	4	3	4	3	3	4	3	4	3	3	4	37	39	25	101
3	3	2	3	4	4	3	3	3	4	4	3	3	4	3	4	37	39	23	99

HASIL UJI DESKRIPSI

Statistics

		X1-1	X1-2	X1-3	X1-4	X1
N	Valid	96	96	96	96	96
	Missing	0	0	0	0	0
Mean		2.8021	2.9219	2.9042	2.8906	2.8797
Std. Error of Mean		.07747	.08614	.05871	.06875	.06097
Median		3.0000	3.0000	3.0000	3.0000	2.9500
Mode		3.00	3.50	3.40	3.00	3.48
Std. Deviation		.75908	.84395	.57527	.67357	.59741
Variance		.576	.712	.331	.454	.357
Range		3.50	3.50	3.20	4.00	3.43
Minimum		1.00	1.50	1.20	1.00	1.30
Maximum		4.50	5.00	4.40	5.00	4.73
Sum		269.00	280.50	278.80	277.50	276.45

Statistics

		X2-1	X2-2	X2-3	X2-4	X2
N	Valid	96	96	96	96	96
	Missing	0	0	0	0	0
Mean		3.1319	2.9115	2.9965	3.0208	3.0152
Std. Error of Mean		.06631	.07587	.06388	.07289	.06429
Median		3.3333	3.0000	3.1667	3.0000	3.2917
Mode		3.67	3.00	3.33	3.50	3.33 ^a
Std. Deviation		.64975	.74337	.62594	.71420	.62991
Variance		.422	.553	.392	.510	.397
Range		3.00	3.00	3.17	4.00	3.00
Minimum		1.67	1.50	1.33	1.00	1.54
Maximum		4.67	4.50	4.50	5.00	4.54
Sum		300.67	279.50	287.67	290.00	289.46

a. Multiple modes exist. The smallest value is shown

Statistics

		X3-1	X3-2	X3-3	X3
N	Valid	96	96	96	96
	Missing	0	0	0	0
Mean		3.0303	2.9631	2.9152	2.9695
Std. Error of Mean		.05892	.06236	.06246	.05933
Median		3.1818	3.0909	3.0000	3.1450
Mode		3.45	3.27	3.14	2.29 ^a
Std. Deviation		.57733	.61099	.61194	.58127
Variance		.333	.373	.374	.338
Range		3.00	3.09	2.43	2.73
Minimum		1.36	1.45	1.57	1.46
Maximum		4.36	4.55	4.00	4.19
Sum		290.91	284.45	279.86	285.07

a. Multiple modes exist. The smallest value is shown

HASIL DISTRIBUSI FREKUENSI

X1-1

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Kurang	28	29.2	29.2	29.2
	Cukup	61	63.5	63.5	92.7
	Baik	7	7.3	7.3	100.0
	Total	96	100.0	100.0	

X1-2

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Kurang	25	26.0	26.0	26.0
	Cukup	55	57.3	57.3	83.3
	Baik	16	16.7	16.7	100.0
	Total	96	100.0	100.0	

X1-3

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Kurang	16	16.7	16.7	16.7
	Cukup	75	78.1	78.1	94.8
	Baik	5	5.2	5.2	100.0
	Total	96	100.0	100.0	

X1-4

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Kurang	18	18.8	18.8	18.8
	Cukup	71	74.0	74.0	92.7
	Baik	7	7.3	7.3	100.0
	Total	96	100.0	100.0	

X1

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Kurang	18	18.8	18.8	18.8
	Cukup	73	76.0	76.0	94.8
	Baik	5	5.2	5.2	100.0
	Total	96	100.0	100.0	

X2-1

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Kurang	5	5.2	5.2	5.2
	Cukup	55	57.3	57.3	62.5
	Baik	36	37.5	37.5	100.0
	Total	96	100.0	100.0	

X2-2

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Kurang	20	20.8	20.8	20.8
	Cukup	63	65.6	65.6	86.5
	Baik	13	13.5	13.5	100.0
	Total	96	100.0	100.0	

X2-3

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Kurang	12	12.5	12.5	12.5
	Cukup	71	74.0	74.0	86.5
	Baik	13	13.5	13.5	100.0
	Total	96	100.0	100.0	

X2-4

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Kurang	15	15.6	15.6	15.6
	Cukup	71	74.0	74.0	89.6
	Baik	10	10.4	10.4	100.0
	Total	96	100.0	100.0	

X2

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Kurang	14	14.6	14.6	14.6
	Cukup	76	79.2	79.2	93.8
	Baik	6	6.3	6.3	100.0
	Total	96	100.0	100.0	

X3-1

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Kurang	9	9.4	9.4	9.4
	Cukup	78	81.3	81.3	90.6
	Baik	9	9.4	9.4	100.0
	Total	96	100.0	100.0	

X3-2

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Kurang	19	19.8	19.8	19.8
	Cukup	71	74.0	74.0	93.8
	Baik	6	6.3	6.3	100.0
	Total	96	100.0	100.0	

X3-3

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Kurang	24	25.0	25.0	25.0
	Cukup	61	63.5	63.5	88.5
	Baik	11	11.5	11.5	100.0
	Total	96	100.0	100.0	

X3

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Kurang	18	18.8	18.8	18.8
	Cukup	72	75.0	75.0	93.8
	Baik	6	6.3	6.3	100.0
	Total	96	100.0	100.0	

HASIL UJI KORELASI

Correlations

		X1	X2	X3
X1	Pearson Correlation	1	.470**	.547**
	Sig. (2-tailed)		.000	.000
	N	96	96	96
X2	Pearson Correlation	.470**	1	.651**
	Sig. (2-tailed)	.000		.000
	N	96	96	96
X3	Pearson Correlation	.547**	.651**	1
	Sig. (2-tailed)	.000	.000	
	N	96	96	96

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