

Lampiran 1. Perhitungan Produktivitas, Durasi *Crashing*, Upah *shift*, Upah total pekerja

Type	Uraian	Sistem Shift	waktu	Upah (hari)	Cost	Total Cost On Time	Upah Total Pekerja	
Foot Plate F1 K-225	Beton Cor K 225	kap.kerja/hari	Crash Shift	Reguler	shift malam			
	Tukang Batu	6.873	10.582	Rp 60,000.00	Rp 69,000.00	Rp 1,419,000.00	Rp 142,354.08	
	Kepala Tukang Batu	67.500	10.582	Rp 70,000.00	Rp 80,500.00	Rp 1,655,500.00	Rp 16,909.94	
	Pekerja	1.145	10.582	Rp 55,000.00	Rp 63,250.00	Rp 1,300,750.00	Rp 82,947.44	
	Mandor	22.771	10.582	Rp 80,000.00	Rp 92,000.00	Rp 1,892,000.00	Rp 57,286.73	
	Tulangan Ulir							
	Tukang Besi	270	10.582	Rp 60,000.00	Rp 69,000.00	Rp 1,419,000.00	Rp 3,623.56	
	Kepala Tukang Besi	2700	10.582	Rp 70,000.00	Rp 80,500.00	Rp 1,655,500.00	Rp 422.75	
	Pekerja	270	10.582	Rp 55,000.00	Rp 63,250.00	Rp 1,300,750.00	Rp 3,321.60	
	Mandor	6300	10.582	Rp 80,000.00	Rp 92,000.00	Rp 1,892,000.00	Rp 207.06	
	Tulangan Polos							
	Tukang Besi	270	10.582	Rp 60,000.00	Rp 69,000.00	Rp 1,419,000.00	Rp 3,623.56	
	Kepala Tukang Besi	2700	10.582	Rp 70,000.00	Rp 80,500.00	Rp 1,655,500.00	Rp 422.75	
	Pekerja	270	10.582	Rp 55,000.00	Rp 63,250.00	Rp 1,300,750.00	Rp 3,321.60	
	Mandor	6300	10.582	Rp 80,000.00	Rp 92,000.00	Rp 1,892,000.00	Rp 207.06	
	Begesting Pondasi							
	Tukang Kayu	7.269	10.582	Rp 60,000.00	Rp 69,000.00	Rp 1,419,000.00	Rp 134,589.31	
	Kepala Tukang Kayu	72.692	10.582	Rp 70,000.00	Rp 80,500.00	Rp 1,655,500.00	Rp 15,702.09	
	Pekerja	3.635	10.582	Rp 55,000.00	Rp 63,250.00	Rp 1,300,750.00	Rp 246,747.07	
	Mandor	72.692	10.582	Rp 80,000.00	Rp 92,000.00	Rp 1,892,000.00	Rp 17,945.24	
	Pembongkaran Cetakan							
	Pekerja	1.575	10.582	Rp 55,000.00	Rp 63,250.00	Rp 1,300,750.00	Rp 569,416.32	
				<b>11 hari</b>			Rp 6,369,750.00	Rp1,999,048.15

Lanjutan Lampiran 7. Perhitungan Produktivitas, Durasi *Crashing*, Upah *shift*, Upah total pekerja

Type	Urutan	Sistem Shift	waktu	Upah (hari)	Cost	Total Cost On Time	Upah Total Tenaga	
Sloof S1 K-225	Beton Cor K 225	kap.kerja/hari	Crash Shift	Reguler	shift malam			
	Tukang Batu	6.873	6.349	Rp 60,000.00	Rp 69,000.00	Rp 903,000.00	Rp 137,096.09	
	Kepala Tukang Batu	67.500	6.349	Rp 70,000.00	Rp 80,500.00	Rp 1,053,500.00	Rp 16,285.35	
	Pekerja	1.145	6.349	Rp 55,000.00	Rp 63,250.00	Rp 827,750.00	Rp 754,028.52	
	Mandor	22.771	6.349	Rp 80,000.00	Rp 92,000.00	Rp 1,204,000.00	Rp 55,170.79	
	Tulangan Ulir							
	Tukang Besi	270	6.349	Rp 60,000.00	Rp 69,000.00	Rp 903,000.00	Rp 3,489.72	
	Kepala Tukang Besi	2700	6.349	Rp 70,000.00	Rp 80,500.00	Rp 1,053,500.00	Rp 407.13	
	Pekerja	270	6.349	Rp 55,000.00	Rp 63,250.00	Rp 827,750.00	Rp 3,198.91	
	Mandor	6300	6.349	Rp 80,000.00	Rp 92,000.00	Rp 1,204,000.00	Rp 199.41	
	Tulangan Polos							
	Tukang Besi	270	6.349	Rp 60,000.00	Rp 69,000.00	Rp 903,000.00	Rp 3,489.72	
	Kepala Tukang Besi	2700	6.349	Rp 70,000.00	Rp 80,500.00	Rp 1,053,500.00	Rp 407.13	
	Pekerja	270	6.349	Rp 55,000.00	Rp 63,250.00	Rp 827,750.00	Rp 3,198.91	
	Mandor	6300	6.349	Rp 80,000.00	Rp 92,000.00	Rp 1,204,000.00	Rp 199.41	
	Bekesting Sloof							
	Tukang Kayu	7.269	6.349	Rp 60,000.00	Rp 69,000.00	Rp 903,000.00	Rp 129,618.13	
	Kepala Tukang Kayu	72.692	6.349	Rp 70,000.00	Rp 80,500.00	Rp 1,053,500.00	Rp 15,122.11	
	Pekerja	3.635	6.349	Rp 55,000.00	Rp 63,250.00	Rp 827,750.00	Rp 237,633.23	
	Mandor	72.692	6.349	Rp 80,000.00	Rp 92,000.00	Rp 1,204,000.00	Rp 17,282.42	
	Pembongkaran Cetakan							
	Pekerja	1.575	6.349	Rp 55,000.00	Rp 63,250.00	Rp 827,750.00	Rp 548,384.38	
				<b>7 hari</b>			Rp16,780,750.00	Rp1,925,211.36

Lanjutan Lampiran 7. Perhitungan Produktivitas, Durasi *Crashing*, Upah *shift*, Upah total pekerja

Type	Uraian	Sistem Shift	waktu	Upah (hari)	Cost	Total Cost On Time	Upah Total Tenaga	
Kolom K1 K-225	Beton Cor K 225	kap.kerja/hari	Crash Shift	Reguler	shift malam			
	Tukang Batu	6.873	7.937	Rp 60,000.00	Rp 69,000.00	Rp 1,032,000.00	Rp 136,224.00	
	Kepala Tukang Batu	67.500	7.937	Rp 70,000.00	Rp 80,500.00	Rp 1,204,000.00	Rp 16,181.76	
	Pekerja	1.145	7.937	Rp 55,000.00	Rp 63,250.00	Rp 946,000.00	Rp 749,232.00	
	Mandor	22.771	7.937	Rp 80,000.00	Rp 92,000.00	Rp 1,376,000.00	Rp 54,819.84	
	Tulangan Ulir							
	Tukang Besi	270	7.937	Rp 60,000.00	Rp 69,000.00	Rp 1,032,000.00	Rp 3,467.52	
	Kepala Tukang Besi	2700	7.937	Rp 70,000.00	Rp 80,500.00	Rp 1,204,000.00	Rp 404.54	
	Pekerja	270	7.937	Rp 55,000.00	Rp 63,250.00	Rp 946,000.00	Rp 3,178.56	
	Mandor	6300	7.937	Rp 80,000.00	Rp 92,000.00	Rp 1,376,000.00	Rp 198.14	
	Tulangan Polos							
	Tukang Besi	270	7.937	Rp 60,000.00	Rp 69,000.00	Rp 1,032,000.00	Rp 3,467.52	
	Kepala Tukang Besi	2700	7.937	Rp 70,000.00	Rp 80,500.00	Rp 1,204,000.00	Rp 404.54	
	Pekerja	270	7.937	Rp 55,000.00	Rp 63,250.00	Rp 946,000.00	Rp 3,178.56	
	Mandor	6300	7.937	Rp 80,000.00	Rp 92,000.00	Rp 1,376,000.00	Rp 198.14	
	Begesting Kolom							
	Tukang Kayu	5.727	7.937	Rp 60,000.00	Rp 69,000.00	Rp 1,032,000.00	Rp 163,468.80	
	Kepala Tukang Kayu	57.273	7.937	Rp 70,000.00	Rp 80,500.00	Rp 1,204,000.00	Rp 19,071.36	
	Pekerja	2.864	7.937	Rp 55,000.00	Rp 63,250.00	Rp 946,000.00	Rp 299,692.80	
	Mandor	57.273	7.937	Rp 80,000.00	Rp 92,000.00	Rp 1,376,000.00	Rp 21,795.84	
	Pembongkaran Cetakan							
	Pekerja	1.575	7.937	Rp 55,000.00	Rp 63,250.00	Rp 946,000.00	Rp 544,896.00	
				<b>8 hari</b>			Rp19,178,000.00	Rp 2,019,879.94

Lanjutan Lampiran 7. Perhitungan Produktivitas, Durasi *Crashing*, Upah *shift*, Upah total pekerja

Type	Uraian	Sistem Shift	waktu	Upah (hari)	Cost	Total Cost On Time	Upah Total Tenaga	
Balok B1 K-225	Beton Cor K 225	kap.kerja/hari	Crash Shift	Reguler	shift malam			
	Tukang Batu	6.873	12.169	Rp 60,000.00	Rp 69,000.00	Rp 1,677,000.00	Rp 281,517.26	
	Kepala Tukang Batu	67.500	12.169	Rp 70,000.00	Rp 80,500.00	Rp 1,956,500.00	Rp 33,440.84	
	Pekerja	1.145	12.169	Rp 55,000.00	Rp 63,250.00	Rp 1,537,250.00	Rp 1,548,344.93	
	Mandor	22.771	12.169	Rp 80,000.00	Rp 92,000.00	Rp 2,236,000.00	Rp 113,289.37	
	Tulangan Ulir							
	Tukang Besi	270	12.169	Rp 60,000.00	Rp 69,000.00	Rp 1,677,000.00	Rp 7,165.89	
	Kepala Tukang Besi	2700	12.169	Rp 70,000.00	Rp 80,500.00	Rp 1,956,500.00	Rp 836.02	
	Pekerja	270	12.169	Rp 55,000.00	Rp 63,250.00	Rp 1,537,250.00	Rp 6,568.74	
	Mandor	6300	12.169	Rp 80,000.00	Rp 92,000.00	Rp 2,236,000.00	Rp 409.48	
	Tulangan Polos							
	Tukang Besi	270	12.169	Rp 60,000.00	Rp 69,000.00	Rp 1,677,000.00	Rp 7,165.89	
	Kepala Tukang Besi	2700	12.169	Rp 70,000.00	Rp 80,500.00	Rp 1,956,500.00	Rp 836.02	
	Pekerja	270	12.169	Rp 55,000.00	Rp 63,250.00	Rp 1,537,250.00	Rp 6,568.74	
	Mandor	6300	12.169	Rp 80,000.00	Rp 92,000.00	Rp 2,236,000.00	Rp 409.48	
	Begesting Balok							
	Tukang Kayu	5.727	12.169	Rp 60,000.00	Rp 69,000.00	Rp 1,677,000.00	Rp 337,820.71	
	Kepala Tukang Kayu	57.273	12.169	Rp 70,000.00	Rp 80,500.00	Rp 1,956,500.00	Rp 39,412.42	
	Pekerja	2.864	12.169	Rp 55,000.00	Rp 63,250.00	Rp 1,537,250.00	Rp 619,337.97	
	Mandor	57.273	12.169	Rp 80,000.00	Rp 92,000.00	Rp 2,236,000.00	Rp 45,042.76	
	Pembongkaran Cetakan							
	Pekerja	1.575	12.169	Rp 55,000.00	Rp 63,250.00	Rp 1,537,250.00	Rp 1,126,069.04	
				<b>13 hari</b>			Rp31,164,250.00	Rp 4,174,235.57

Lanjutan Lampiran 7. Perhitungan Produktivitas, Durasi *Crashing*, Upah *shift*, Upah total pekerja

Type	Uraian	Sistem Shift	waktu	Upah (hari)	Cost	Total Cost On Time	Upah Total Tenaga	
Plat lantai K225	Beton Cor K 225	kap.kerja/hari	Crash Shift	Reguler	shift malam			
	Tukang Batu	6.873	12.1693122	Rp 60,000.00	Rp 69,000.00	Rp 1,677,000.00	Rp 654,106.56	
	Kepala Tukang Batu	67.500	12.1693122	Rp 70,000.00	Rp 80,500.00	Rp 1,956,500.00	Rp 77,699.93	
	Pekerja	1.145	12.1693122	Rp 55,000.00	Rp 63,250.00	Rp 1,537,250.00	Rp 3,597,586.07	
	Mandor	22.771	12.1693122	Rp 80,000.00	Rp 92,000.00	Rp 2,236,000.00	Rp 263,228.34	
	Tulangan Polos							
	Tukang Besi	270	12.1693122	Rp 60,000.00	Rp 69,000.00	Rp 1,677,000.00	Rp 16,649.99	
	Kepala Tukang Besi	2700	12.1693122	Rp 70,000.00	Rp 80,500.00	Rp 1,956,500.00	Rp 1,942.50	
	Pekerja	270	12.1693122	Rp 55,000.00	Rp 63,250.00	Rp 1,537,250.00	Rp 15,262.49	
	Mandor	6300	12.1693122	Rp 80,000.00	Rp 92,000.00	Rp 2,236,000.00	Rp 951.43	
	Begesting plat							
	Tukang Kayu	5.727	12.1693122	Rp 60,000.00	Rp 69,000.00	Rp 1,677,000.00	Rp 784,927.87	
	Kepala Tukang Kayu	57.273	12.1693122	Rp 70,000.00	Rp 80,500.00	Rp 1,956,500.00	Rp 91,574.92	
	Pekerja	2.864	12.1693122	Rp 55,000.00	Rp 63,250.00	Rp 1,537,250.00	Rp 1,439,034.43	
	Mandor	57.273	12.1693122	Rp 80,000.00	Rp 92,000.00	Rp 2,236,000.00	Rp 104,657.05	
	Pembongkaran Cetakan							
	Pekerja	1.575	12.1693122	Rp 55,000.00	Rp 63,250.00	Rp 1,537,250.00	Rp 2,616,426.23	
				<b>13 hari</b>			Rp23,757,500.00	Rp 9,664,047.80

Lanjutan Lampiran 7. Perhitungan Produktivitas, Durasi *Crashing*, Upah *shift*, Upah total pekerja

Type	Uraian	Sistem Shift	waktu	Upah (hari)	Cost	Total Cost On Time	Upah Total Tenaga	
Kolom K3 K-225	Beton Cor K 225	kap.kerja/hari	Crash Shift	Reguler	shift malam			
	Tukang Batu	6.873	6.349	Rp 60,000.00	Rp 69,000.00	Rp 903,000.00	Rp 11,352	
	Kepala Tukang Batu	67.500	6.349	Rp 70,000.00	Rp 80,500.00	Rp 1,053,500.00	Rp 1,348.48	
	Pekerja	1.145	6.349	Rp 55,000.00	Rp 63,250.00	Rp 827,750.00	Rp 62,436	
	Mandor	22.771	6.349	Rp 80,000.00	Rp 92,000.00	Rp 1,204,000.00	Rp 4,568.32	
	Tulangan Ulir							
	Tukang Besi	270	6.349	Rp 60,000.00	Rp 69,000.00	Rp 903,000.00	Rp 288	
	Kepala Tukang Besi	2700	6.349	Rp 70,000.00	Rp 80,500.00	Rp 1,053,500.00	Rp 33.712	
	Pekerja	270	6.349	Rp 55,000.00	Rp 63,250.00	Rp 827,750.00	Rp 264.88	
	Mandor	6300	6.349	Rp 80,000.00	Rp 92,000.00	Rp 1,204,000.00	Rp 16.512	
	Tulangan Polos							
	Tukang Besi	270	6.349	Rp 60,000.00	Rp 69,000.00	Rp 903,000.00	Rp 288.96	
	Kepala Tukang Besi	2700	6.349	Rp 70,000.00	Rp 80,500.00	Rp 1,053,500.00	Rp 33.712	
	Pekerja	270	6.349	Rp 55,000.00	Rp 63,250.00	Rp 827,750.00	Rp 264.88	
	Mandor	6300	6.349	Rp 80,000.00	Rp 92,000.00	Rp 1,204,000.00	Rp 16.512	
	Begesting Kolom							
	Tukang Kayu	5.727	6.349	Rp 60,000.00	Rp 69,000.00	Rp 903,000.00	Rp 13,622.4	
	Kepala Tukang Kayu	57.273	6.349	Rp 70,000.00	Rp 80,500.00	Rp 1,053,500.00	Rp 1,589.28	
	Pekerja	2.864	6.349	Rp 55,000.00	Rp 63,250.00	Rp 827,750.00	Rp 24,974	
	Mandor	57.273	6.349	Rp 80,000.00	Rp 92,000.00	Rp 1,204,000.00	Rp 1,816.32	
	Pembongkaran Cetakan							
	Pekerja	1.575	6.349	Rp 55,000.00	Rp 63,250.00	Rp 827,750.00	Rp 45,408	
				<b>7 hari</b>			Rp16,780,750.00	Rp 168,323.33

Lanjutan Lampiran 7. Perhitungan Produktivitas, Durasi *Crashing*, Upah *shift*, Upah total pekerja

Type	Uraian	Sistem Shift	waktu	Upah (hari)	Cost	Total Cost On Time	Upah Total Tenaga	
Balok Latiu K175	Beton Cor K 225	kap.kerja/hari	Crash Shift	Reguler	shift malam			
	Tukang Batu	6.873	2.116	Rp 60,000.00	Rp 69,000.00	Rp 129,000.00	Rp 3,927.08	
	Kepala Tukang Batu	67.500	2.116	Rp 70,000.00	Rp 80,500.00	Rp 150,500.00	Rp 466.49	
	Pekerja	1.145	2.116	Rp 55,000.00	Rp 63,250.00	Rp 118,250.00	Rp 21,598.95	
	Mandor	22.771	2.116	Rp 80,000.00	Rp 92,000.00	Rp 172,000.00	Rp 1,580.35	
	Tulangan Polos							
	Tukang Besi	270	2.116	Rp 60,000.00	Rp 69,000.00	Rp 129,000.00	Rp 99.96	
	Kepala Tukang Besi	2700	2.116	Rp 70,000.00	Rp 80,500.00	Rp 150,500.00	Rp 11.66	
	Pekerja	270	2.116	Rp 55,000.00	Rp 63,250.00	Rp 118,250.00	Rp 91.63	
	Mandor	6300	2.116	Rp 80,000.00	Rp 92,000.00	Rp 172,000.00	Rp 5.71	
	Begesting							
	Tukang Kayu	5.727	2.116	Rp 60,000.00	Rp 69,000.00	Rp 129,000.00	Rp 4,712.50	
	Kepala Tukang Kayu	57.273	2.116	Rp 70,000.00	Rp 80,500.00	Rp 150,500.00	Rp 549.79	
	Pekerja	2.864	2.116	Rp 55,000.00	Rp 63,250.00	Rp 118,250.00	Rp 8,639.58	
	Mandor	57.273	2.116	Rp 80,000.00	Rp 92,000.00	Rp 172,000.00	Rp 628.33	
	Pembongkaran Cetakan							
	Pekerja	1.575	2.116	Rp 55,000.00	Rp 63,250.00	Rp 118,250.00	Rp 15,708.33	
				<b>3 hari</b>			Rp 1,827,500.00	Rp 58,020.38

Lanjutan Lampiran 7. Perhitungan Produktivitas, Durasi *Crashing*, Upah *shift*, Upah total pekerja

Type	Uraian	Sistem Shift	waktu	Upah (hari)	Cost	Total Cost On Time	Upah Total Tenaga	
Balok Ring K-225	Beton Cor K 225	kap.kerja/hari	Crash Shift	Reguler	shift malam			
	Tukang Batu	6.873	2.646	Rp 60,000.00	Rp 69,000.00	Rp 387,000.00	Rp 43,953.53	
	Kepala Tukang Batu	67.500	2.646	Rp 70,000.00	Rp 80,500.00	Rp 451,500.00	Rp 5,221.15	
	Pekerja	1.145	2.646	Rp 55,000.00	Rp 63,250.00	Rp 354,750.00	Rp 241,744.39	
	Mandor	22.771	2.646	Rp 80,000.00	Rp 92,000.00	Rp 516,000.00	Rp 17,687.96	
	Tulangan Ulir							
	Tukang Besi	270	2.646	Rp 60,000.00	Rp 69,000.00	Rp 387,000.00	Rp 1,118.82	
	Kepala Tukang Besi	2700	2.646	Rp 70,000.00	Rp 80,500.00	Rp 451,500.00	Rp 130.53	
	Pekerja	270	2.646	Rp 55,000.00	Rp 63,250.00	Rp 354,750.00	Rp 1,025.58	
	Mandor	6300	2.646	Rp 80,000.00	Rp 92,000.00	Rp 516,000.00	Rp 63.93	
	Tulangan Polos							
	Tukang Besi	270	2.646	Rp 60,000.00	Rp 69,000.00	Rp 387,000.00	Rp 1,118.82	
	Kepala Tukang Besi	2700	2.646	Rp 70,000.00	Rp 80,500.00	Rp 451,500.00	Rp 130.53	
	Pekerja	270	2.646	Rp 55,000.00	Rp 63,250.00	Rp 354,750.00	Rp 1,025.58	
	Mandor	6300	2.646	Rp 80,000.00	Rp 92,000.00	Rp 516,000.00	Rp 63.93	
	Begesting Balok							
	Tukang Kayu	5.727	2.646	Rp 60,000.00	Rp 69,000.00	Rp 387,000.00	Rp 52,744.23	
	Kepala Tukang Kayu	57.273	2.646	Rp 70,000.00	Rp 80,500.00	Rp 451,500.00	Rp 6,153.49	
	Pekerja	2.864	2.646	Rp 55,000.00	Rp 63,250.00	Rp 354,750.00	Rp 96,697.76	
	Mandor	57.273	2.646	Rp 80,000.00	Rp 92,000.00	Rp 516,000.00	Rp 7,032.56	
	Pembongkaran Cetakan							
	Pekerja	1.575	2.646	Rp 55,000.00	Rp 63,250.00	Rp 354,750.00	Rp 175,814.10	
				<b>3 hari</b>			Rp 7,191,750.00	Rp 651,726.89



