

Project : SCL - Stabling Sidings at Hung Hom Freight Yard
 Title : SWLs of PMEs

PME	% Operation	Corr, dB(A)	ID	Description	Power rating Size, weight	PME SWL, dB(A)	Quiet Plant				Mitigated Scenario					
							Unmitigated SWL, dB(A)	ID	Power rating Size, weight	PME SWL, dB(A)	Quiet Plant SWL, dB(A)	Enclosure, dB(A)	Barrier, dB(A)	Acoustic Mat, dB(A)	Total Reduction, dB(A)	Mitigated SWL, dB(A)
Air Compressor (CNP002) (10%)	10	-10	CNP002	Air compressor, air flow > 10m3/min and =< 30 m3/min	-	102	92				92	-10			-10	82
Air Compressor (CNP002) (20%)	20	-7	CNP002	Air compressor, air flow > 10m3/min and =< 30 m3/min	-	102	95				95	-10			-10	85
Air Compressor (CNP002) (30%)	30	-5	CNP002	Air compressor, air flow > 10m3/min and =< 30 m3/min	-	102	97				97	-10			-10	87
Air Compressor (CNP002) (40%)	40	-4	CNP002	Air compressor, air flow > 10m3/min and =< 30 m3/min	-	102	98				98	-10			-10	88
Air Compressor (CNP002) (50%)	50	-1	CNP002	Air compressor, air flow > 10m3/min and =< 30 m3/min	-	102	101				101	-10			-10	91
Air Compressor (CNP002) (60%)	60	-1	CNP002	Air compressor, air flow > 10m3/min and =< 30 m3/min	-	102	102				102	-10			-10	92
Air Compressor (CNP002) (70%)	70	-3	CNP002	Air compressor, air flow > 10m3/min and =< 30 m3/min	-	102	99				99	-10			-10	89
Air Compressor (CNP002) (80%)	80	-3	CNP002	Air compressor, air flow > 10m3/min and =< 30 m3/min	-	102	102				102	-10			-10	92
Air Compressor (CNP002) (100%)	100	0	CNP002	Air compressor, air flow > 10m3/min and =< 30 m3/min	-	102	102				102	-10			-10	92
Air Compressor (CNP003) (50%)	50	-3	CNP003	Air compressor, air flow > 30m3/min	-	104	101	D7-44	above 34m3/min	103	100	-10			-10	90
Air Compressor (CNP003) (100%)	100	0	CNP003	Air compressor, air flow > 30m3/min	-	104	104	D7-44	above 34m3/min	103	103	-10			-10	93
Asphalt Paver (CNP004) (80%)	80	-1	CNP004	Asphalt paver	-	109	108	D8-24	90kW, 13t	101	100		-5		-5	95
Bar Bender and Cutter (CNP021) (20%)	20	-7	CNP021	Bar bender and cutter (electric)	-	90	83				83					83
Bar Bender and Cutter (CNP021) (30%)	30	-5	CNP021	Bar bender and cutter (electric)	-	90	85				85					85
Bar Bender and Cutter (CNP021) (50%)	50	-3	CNP021	Bar bender and cutter (electric)	-	90	87				87					87
Hand Held Breaker (CNP024) (10%)	10	-10	CNP024	Breaker, hand held, mass > 10kg and < 20 kg	-	108	98				98		-5		-5	93
Hand Held Breaker (CNP024) (20%)	20	-7	CNP024	Breaker, hand held, mass > 10kg and < 20 kg	-	108	101				101		-5		-5	96
Hand Held Breaker (CNP024) (30%)	30	-5	CNP024	Breaker, hand held, mass > 10kg and < 20 kg	-	108	107				107		-5		-5	102
Hand Held Breaker (CNP025) (30%)	30	-5	CNP025	Breaker, hand held, mass >= 20kg and =< 35 kg	-	111	106	D8-12	52kW	106	101	-5			-5	96
Hand Held Breaker (CNP025) (50%)	50	-3	CNP025	Breaker, hand held, mass >= 20kg and =< 35 kg	-	111	108	D8-12	52kW	106	103	-5			-5	98
Breaker (Pneumatic) (CNP027) (20%)	20	-7	CNP027	Breaker, excavator mounted (pneumatic)	-	122	115	D3-100	27kg	112	105	-5			-5	100
Breaker (Pneumatic) (CNP027) (50%)	50	-3	CNP027	Breaker, excavator mounted (pneumatic)	-	122	119	D3-100	27kg	112	109	-5			-5	104
Breaker (Pneumatic) (CNP027) (100%)	100	0	CNP027	Breaker, excavator mounted (pneumatic)	-	122	122	D3-100	27kg	112	112	-5			-5	107
Breaker, Excavator Mounted (Hydraulic) (CNP028) (50%)	50	-3	CNP028	Breaker, excavator mounted (hydraulic)	-	122	119	D8-13		110	107	-5			-5	102
Breaker, Excavator Mounted (Hydraulic) (CNP028) (70%)	70	-2	CNP028	Breaker, excavator mounted (hydraulic)	-	122	120	D8-13		110	108	-5			-5	103
Breaker, Excavator Mounted (Hydraulic) (CNP028) (80%)	80	-1	CNP028	Breaker, excavator mounted (hydraulic)	-	122	121	D8-13	73kW, 200kg	110	109		-5		-5	104
Breaker, Excavator Mounted (Hydraulic) (CNP028) (90%)	90	0	CNP028	Breaker, excavator mounted (hydraulic)	-	122	122	D8-13	73kW, 200kg	110	110		-5		-5	105
Breaker, Excavator Mounted (Hydraulic) (CNP028) (100%)	100	0	CNP028	Breaker, excavator mounted (hydraulic)	-	122	122	D8-13	73kW, 200kg	110	110		-5		-5	105
Bulldozer (CNP030) (70%)	70	-2	CNP030	Bulldozer	-	115	113	D9-2	200kW	104	102		-5		-5	97
Bulldozer (CNP030) (100%)	100	0	CNP030	Bulldozer	-	115	115	D9-2	200kW	104	104		-5		-5	99
Concrete Lorry Mixer (CNP044) (10%)	10	-10	CNP044	Concrete lorry mixer	-	109	99	D6-23	22kW	100	90		-5		-5	85
Concrete Lorry Mixer (CNP044) (20%)	20	-7	CNP044	Concrete lorry mixer	-	109	102	D6-23	22kW	100	93		-5		-5	88
Concrete Lorry Mixer (CNP044) (30%)	30	-5	CNP044	Concrete lorry mixer	-	109	104	D6-23	22kW	100	95		-5		-5	90
Concrete Lorry Mixer (CNP044) (50%)	50	-3	CNP044	Concrete lorry mixer	-	109	106	D6-23	22kW, 6m3	100	97		-5		-5	92
Concrete Lorry Mixer (CNP044) (80%)	80	-1	CNP044	Concrete lorry mixer	-	109	108	D6-23	22kW	100	99		-5		-5	94
Concrete Lorry Mixer (CNP044) (100%)	100	0	CNP044	Concrete lorry mixer	-	109	109	D6-23	22kW, 6m3	100	100		-5		-5	95
Concrete pump (CNP047) (20%)	20	-7	CNP047	Concrete pump, stationary / lorry mounted	-	109	102	D6-34	100kW	107	100		-5		-5	95
Concrete pump (CNP047) (30%)	30	-5	CNP047	Concrete pump, stationary / lorry mounted	-	109	104	D6-34	100kW	107	102		-5		-5	97
Crane Mobile (CNP048) (10%)	10	-10	CNP048	Crane, mobile / barge mounted (diesel)	-	112	102	D7-114	62kW	101	91		-5		-5	86
Crane Mobile (CNP048) (20%)	20	-7	CNP048	Crane, mobile / barge mounted (diesel)	-	112	105	D7-114	62kW	101	94		-5		-5	89
Crane Mobile (CNP048) (30%)	30	-5	CNP048	Crane, mobile / barge mounted (diesel)	-	112	107	D7-114	62kW	101	96		-5		-5	91
Crane Mobile (CNP048) (50%)	50	-3	CNP048	Crane, mobile / barge mounted (diesel)	-	112	109	D7-114	62kW	101	98		-5		-5	93
Crane Mobile (CNP048) (60%)	60	-2	CNP048	Crane, mobile / barge mounted (diesel)	-	112	110	D7-114	62kW	101	99		-5		-5	94
Crane Mobile (CNP048) (70%)	70	-2	CNP048	Crane, mobile / barge mounted (diesel)	-	112	110	D7-114	62kW	101	99		-5		-5	94
Crane Mobile (CNP048) (75%)	75	-1	CNP048	Crane, mobile / barge mounted (diesel)	-	112	111	D7-114	62kW	101	100		-5		-5	95
Crane Mobile (CNP048) (80%)	80	-1	CNP048	Crane, mobile / barge mounted (diesel)	-	112	111	D7-114	62kW	101	100		-5		-5	95
Crane Mobile (CNP048) (90%)	90	0	CNP048	Crane, mobile / barge mounted (diesel)	-	112	112	D7-114	62kW	101	101		-5		-5	96
Crane Mobile (CNP048) (100%)	100	0	CNP048	Crane, mobile / barge mounted (diesel)	-	112	112	D7-114	62kW	101	101		-5		-5	96
Hydraulic Crawler Crane (CNP048) (80%)	80	-1	CNP048	Crane, mobile / barge mounted (diesel)	-	112	111	D7-114	62kW	101	100		-5		-5	95
Tower Crane (CNP049) (60%)	60	-2	CNP049	Crane, tower (electric)	-	95	93				93					93
Compactor, vibratory (CNP050) (30%)	30	-5	CNP050	Compactor, vibratory	-	105	100				100		-5		-5	95
Concrete Pumping Lorry (CNP054) (20%)	20	-7	CNP054	Concrete pumping lorry	-	109	102				102		-5		-5	97
Cutter, Circular, Steel (CNP056) (30%)	30	-5	CNP056	Cutter, circular, steel (electric)	-	112	107				107		-5		-5	102
Dump Truck (CNP067) (20%)	20	-7	CNP067	Dump truck	-	117	110	D3-60	24t	104	97		-5		-5	92
Dump Truck (CNP067) (10%)	10	-10	CNP067	Dump truck	-	117	107	D9-24	24t	104	94		-5		-5	89
Dump Truck (CNP067) (30%)	30	-5	CNP067	Dump truck	-	117	112	D3-60	24t	104	99		-5		-5	94
Dump Truck (CNP067) (50%)	50	-3	CNP067	Dump truck	-	117	114	D3-60	24t	104	101		-5		-5	96
Dump Truck (CNP067) (80%)	80	-1	CNP067	Dump truck	-	117	116	D3-60	24t	104	103		-5		-5	98
Dump Truck (CNP067) (100%)	100	0	CNP067	Dump truck	-	117	117	D9-24	24t	104	104		-5		-5	99
Dump Truck with Grab (CNP069) (20%)	20	-7	CNP069	Dump truck	-	105	98	D9-39	450kW, 50t	103	96		-5		-5	91
Dump Truck with Grab (CNP069) (60%)	60	-2	CNP069	Dump truck	-	105	103	D9-39	450kW, 50t	103	101		-5		-5	96
Dump Truck with Grab (CNP069) (80%)	80	-1	CNP069	Dump truck	-	105	104	D9-39	450kW, 50t	103	102		-5		-5	97
Drill, Hand-Held (Battery) (CNP071) (50%)	50	-3	CNP071	Drill, hand held (battery)	-	89	86				86			-10	-10	76
Drill Rig, Rotary Type (Diesel) (CNP072) (20%)	20	-7	CNP072	Drill rig, rotary tpr (diesel)	-	110	103				103			-10	-10	93
Drill Rig, Rotary Type (Diesel) (CNP072) (30%)	30	-5	CNP072	Drill rig, rotary tpr (diesel)	-	110	105				105			-10	-10	95
Drill Rig, Rotary Type (Diesel) (CNP072) (100%)	100	0	CNP072	Drill rig, rotary tpr (diesel)	-	110	110				110			-10	-10	100
Excavator/Loader, Wheeled/Tracked (CNP081) (30%)	30	-5	CNP081	Excavator / loader, wheeled / tracked	-	112	107	D3-35	45kW	106	101		-5		-5	96
Excavator/Loader, Wheeled/Tracked (CNP081) (50%)	50	-3	CNP081	Excavator / loader, wheeled / tracked	-	112	109	D3-35	45kW	106	103		-5		-5	98
Excavator/Loader, Wheeled/Tracked (CNP081) (60%)	60	-2	CNP081	Excavator / loader, wheeled / tracked	-	112	110	D3-35	45kW	106	104		-5		-5	99
Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	70	-2	CNP081	Excavator / loader, wheeled / tracked	-	112	110	D3-35	45kW	106	104		-5		-5	99
Excavator/Loader, Wheeled/Tracked (CNP081) (80%)	80	-1	CNP081	Excavator / loader, wheeled / tracked	-	112	111	D3-35	45kW	106	105		-5		-5	100
Excavator/Loader, Wheeled/Tracked (CNP081) (90%)	90	0	CNP081	Excavator / loader, wheeled / tracked	-	112	112	D3-35	45kW	106	106		-5		-5	101
Excavator/Loader, Wheeled/Tracked (CNP081) (100%)	100	0	CNP081	Excavator / loader, wheeled / tracked	-	112	112	D3-35	45kW	106	106		-5		-5	101
Mini Backhoe (CNP082) (20%)	20	-7	CNP082	Excavator, mini-robot mounted	-	94	87				87					82
Mini Backhoe (CNP082) (50%)	50	-3	CNP082	Excavator, mini-robot mounted	-	94	91				91					86
Mini Backhoe (CNP082) (100%)	100	0	CNP082	Excavator, mini-robot mounted	-	94	94				94					89

Project : SCL - Stabling Sidings at Hung Hom Freight Yard
 Title : SWLs of PMEs

PME	Unmitigated SWLs					Quiet Plant					Mitigated Scenario					
	% Operation	Corr, dB(A)	ID	Description	Power rating Size, wight	PME SWL, dB(A)	Unmitigated SWL, dB(A)	ID	Power rating Size, wight	PME SWL, dB(A)	Quiet Plant SWL, dB(A)	Enclosure, dB(A)	Barrier, dB(A)	Acoustic Mat, dB(A)	Total Reduction, dB(A)	Mitigated SWL, dB(A)
Grout Mixer (CNP105) (20%)	20	-7	CNP105	Grout mixer	-	90	83				83		-5		-5	78
Grout Mixer (CNP105) (30%)	30	-5	CNP105	Grout mixer	-	90	85				85		-5		-5	80
Grout Mixer (CNP105) (50%)	50	-3	CNP105	Grout mixer	-	90	87				87		-5		-5	82
Grout Pump (CNP106) (20%)	20	-7	CNP106	Grout pump	-	105	98				98		-5		-5	93
Grout Pump (CNP106) (30%)	30	-5	CNP106	Grout pump	-	105	100				100		-5		-5	95
Grout Pump (CNP106) (50%)	50	-3	CNP106	Grout pump	-	105	102				102		-5		-5	97
Welder/Generator, portable (CNP107) (10%)	10	-10	CNP107	Generator, portable	-	100	90				90		-5		-5	85
Welder/Generator, portable (CNP107) (20%)	20	-7	CNP107	Generator, portable	-	100	93				93		-5		-5	88
Welder/Generator, portable (CNP107) (90%)	90	0	CNP107	Generator, portable	-	100	100				100		-5		-5	95
Welder/Generator, portable (CNP107) (50%)	50	-3	CNP107	Generator, portable	-	100	97				97		-5		-5	92
Welder/Generator, portable (CNP107) (100%)	100	0	CNP107	Generator, portable	-	100	100				100		-5		-5	95
Lorry (CNP141) (80%)	80	-1	CNP141	Lorry	-	112	111	D9-19	20t		102	101	-5		-5	96
Lorry (CNP141) (70%)	70	-2	CNP141	Lorry	-	112	110	D9-19	20t		102	100	-5		-5	95
Lorry (CNP141) (50%)	50	-3	CNP141	Lorry	-	112	109	D9-19	20t		102	99	-5		-5	94
Lorry (CNP141) (30%)	30	-5	CNP141	Lorry	-	112	107	D9-19	20t		102	97	-5		-5	92
Lorry (CNP141) (20%)	20	-7	CNP141	Lorry	-	112	105	D9-19	20t		102	95	-5		-5	90
Lorry, with Crane/Grab, Gross wt. > 38 tonnes (CNP144) (20%)	20	-7	CNP144	Lorry	> 38 tonnes	112	109	D9-19	20t		102	95	-5		-5	90
Lorry, with Crane/Grab, Gross wt. > 38 tonnes (CNP144) (50%)	50	-3	CNP144	Lorry	> 38 tonnes	112	109	D9-19	20t		102	99	-5		-5	94
Lorry, with Crane/Grab, Gross wt. > 38 tonnes (CNP144) (70%)	70	-2	CNP144	Lorry	> 38 tonnes	112	110	D9-19	20t		102	100	-5		-5	95
Lorry, with Crane/Grab, Gross wt. > 38 tonnes (CNP144) (80%)	80	-1	CNP144	Lorry	> 38 tonnes	112	111	D9-19	20t		102	101	-5		-5	96
Lorry, with Crane/Grab, Gross wt. > 38 tonnes (CNP144) (100%)	100	0	CNP144	Lorry	> 38 tonnes	112	112	D9-19	20t		102	102	-5		-5	97
Lorry with Grab (CNP145) (30%)	30	-5	CNP145	Lorry	-	105	100	D9-19	20t		102	97	-5		-5	92
Lorry with Grab (CNP145) (50%)	50	-3	CNP145	Lorry	-	105	102	D9-19	20t		102	99	-5		-5	94
Lorry with Grab (CNP145) (60%)	60	-2	CNP145	Lorry	-	105	103	D9-19	20t		102	100	-5		-5	95
Lorry with Grab (CNP145) (80%)	80	-1	CNP145	Lorry	-	105	104	D9-19	20t		102	101	-5		-5	96
Lorry with Grab (CNP145) (90%)	90	0	CNP145	Lorry	-	105	105	D9-19	20t		102	102	-5		-5	97
Lorry, Crane/Grab (CNP145) (50%)	50	-3	CNP145	Lorry	-	105	102	D9-19	20t		102	99	-5		-5	94
Paint Line Marker (CNP161) (80%)	80	-1	CNP161	Paint line marker	-	90	89				89				0	89
Piling, Diaphragm Wall, Bentonite Filtering Plant (CNP162) (30%)	30	-5	CNP162	Piling, D-wall, bentonite filtering plant	-	105	100				100	-10			-10	90
Piling, Diaphragm Wall, Bentonite Filtering Plant (CNP162) (50%)	50	-3	CNP162	Piling, D-wall, bentonite filtering plant	-	105	102				102	-10			-10	92
Piling, Diaphragm Wall, Bentonite Filtering Plant (CNP162) (80%)	80	-1	CNP162	Piling, D-wall, bentonite filtering plant	-	105	104				104	-10			-10	94
Piling, Diaphragm Wall, Hydraulic Extractor (CNP163) (50%)	50	-3	CNP163	Piling, D-wall, hydraulic extractor	-	90	87				87		-5		-5	82
Piling, Diaphragm Wall, Hydraulic Extractor (CNP163) (75%)	75	-1	CNP163	Piling, D-wall, hydraulic extractor	-	90	89				89		-5		-5	84
Piling, Diaphragm Wall, Hydraulic Extractor (CNP163) (80%)	80	-1	CNP163	Piling, D-wall, hydraulic extractor	-	90	89				89		-5		-5	84
Piling, Diaphragm Wall, Hydraulic Extractor (CNP163) (100%)	100	0	CNP163	Piling, D-wall, hydraulic extractor	-	90	90				90		-5		-5	85
Piling, Large Diameter Bored, Grab and Chisel (CNP164) (80%)	80	-1	CNP164	Piling, large dia bored, grab & chisel	-	115	114	D3-106	25kW		105	104	-10		-10	94
Piling, large dia bored, oscillator (CNP165) (20%)	20	-7	CNP165	Piling, large dia bored, oscillator	-	115	108	D3-106	25kW		105	98	-10		-10	88
Piling, large dia bored, oscillator (CNP165) (50%)	50	-3	CNP165	Piling, large dia bored, oscillator	-	115	112	D3-106	25kW		105	102	-10		-10	92
Piling Rig and Drilling Rig (CNP167) (50%)	50	-3	CNP167	Piling, earth auger, auger	-	114	111	D4-44	75kW		109	106		-10	-10	96
Piling Rig and Drilling Rig (CNP167) (60%)	60	-2	CNP167	Piling, earth auger, auger	-	114	112	D4-44	75kW		109	107		-10	-10	97
Piling Rig and Drilling Rig (CNP167) (80%)	80	-1	CNP167	Piling, earth auger, auger	-	114	113	D4-44	75kW		109	108		-10	-10	98
Piling Rig and Drilling Rig (CNP167) (100%)	100	0	CNP167	Piling, earth auger, auger	-	114	114	D4-44	75kW		109	109		-10	-10	99
Pipe Pile Rig (10%)	10	-10		Pile Rig	-	112	102	D11-2			102			-10	-10	92
Pipe Pile Rig (30%)	30	-5		Pile Rig	-	112	107	D11-2			107			-10	-10	97
Pipe Pile Rig (50%)	50	-3		Pile Rig	-	112	109	D11-2			109			-10	-10	99
Pipe Pile Rig (90%)	90	0		Pile Rig	-	112	112	D11-2			112			-10	-10	102
H-Pile rig (50%)	50	-3		Crane-mounted auger: donkey engine in acoustic enclosure	-	110	107	D4-89a	90kW		110	107	-10		-10	97
Poker, Vibratory, Hand Held (CNP170) (20%)	20	-7	CNP170	Poker, vibratory, hand held	-	113	106	D6-40	-		98	91		-5	-5	86
Poker, Vibratory, Hand Held (CNP170) (30%)	30	-5	CNP170	Poker, vibratory, hand held	-	113	108	D6-40	-		98	93		-5	-5	88
Poker, Vibratory, Hand Held (CNP170) (40%)	40	-4	CNP170	Poker, vibratory, hand held	-	113	109	D6-40	-		98	94		-5	-5	89
Poker, Vibratory, Hand Held (CNP170) (50%)	50	-3	CNP170	Poker, vibratory, hand held	-	113	110	D6-40	0.75kW		98	95		-5	-5	90
Piling, Vibrating Hammer (CNP172) (80%)	80	-1	CNP172	Piling, vibrating hammer	-	115	114	D4-13	220000kg/pile		106	105		-5	-5	100
Vibratory Hammer (90%)	90	0		Vibratory Hammer	-	118	118				118			-10	-10	108
Paint Line Marker (Low Pressure) (CNP176) (20%)	20	-7	CNP176	Paint Line Marker	-	87	80				80				-5	80
Roller (CNP185) (20%)	20	-7	CNP185	Road Roller	-	108	101	D8-30	51kW		101	94		-5	-5	89
Roller (CNP185) (70%)	70	-2	CNP185	Road Roller	-	108	106	D8-30	51kW		101	99		-5	-5	94
Roller, Vibratory (CNP186) (50%)	50	-3	CNP186	Roller, vibratory	-	108	105				105			-5	-5	100
Roller, Vibratory (CNP186) (60%)	60	-2	CNP186	Roller, vibratory	-	108	106				106			-5	-5	101
Roller, Vibratory (CNP186) (100%)	100	0	CNP186	Roller, vibratory	-	108	108				108			-5	-5	103
Saw, Circular Wood (CNP201) (50%)	50	-3	CNP201	Saw, circular, wood	-	108	105	D7-78	660mm blade		106	103		-5	-5	98
Saw, Chain, Hand-held (CNP202) (30%)	30	-5	CNP202	Saw, chain, hand-held	-	114	109	D7-78	660mm blade		106	101		-5	-5	96
Saw, Chain, Hand-held (CNP202) (50%)	50	-3	CNP202	Saw, chain, hand-held	-	114	111	D7-78	660mm blade		106	103		-5	-5	98
Saw, Chain, Hand-held (CNP202) (100%)	100	0	CNP202	Saw, chain, hand-held	-	114	114	D7-78	660mm blade		106	106		-5	-5	101
Saw, Concrete (CNP203) (30%)	30	-5	CNP203	Saw / groover, concrete (petrol)	-	115	110				110			-5	-5	105
Saw, Concrete (CNP203) (50%)	50	-3	CNP203	Saw / groover, concrete (petrol)	-	115	112				112			-5	-5	107
Ventilation Fan (CNP241) (100%)	100	0	CNP241	Ventilation fan	-	108	108				108		-10		-10	98
Electric Winch (CNP262) (50%)	50	-3	CNP262	Winch (electric)	-	85	82				82				-5	82
Water pump (CNP281) (Electric) (100%)	100	0	CNP281	Water pump (electric)	-	85	88				88				-5	88
Water Pump, Submersible (Electric) (CNP283) (30%)	30	-5	CNP283	Water pump, submersible (electric)	-	85	80				80				-5	80
Water Pump, Submersible (Electric) (CNP283) (50%)	50	-3	CNP283	Water pump, submersible (electric)	-	85	82				82				-5	82
Water Pump, Submersible (Electric) (CNP283) (90%)	90	0	CNP283	Water pump, submersible (electric)	-	85	85				85				-5	85
Water Pump, Submersible (Electric) (CNP283) (100%)	100	0	CNP283	Water pump, submersible (electric)	-	85	85				85				-5	85
Giken Pfler and Power-Pack (30%)	30	-5	Giken		-	94	89				89				-5	89
Giken Pfler and Power-Pack (50%)	50	-3	Giken		-	94	91				91				-5	91
Giken Pfler and Power-Pack (75%)	75	-1	Giken		-	94	93				93				-5	93
Giken Pfler and Power-Pack (100%)	100	0	Giken		-	94	94				94				-5	94