

INDEX OF EQUIPMENT AND PROCESSES

Air-conditioning	9.2			Carpenter's vice	11.9	23.5	25.2
Airstrips	26.9			Carts			
Alcohol	17.3			general	4.4	5.2	9.2
Algal cultures	10.10	10.19			11.1	18.2	22.2
Animal-powered machines	17.4				23.5	23.8	25.1
Anvils	11.1				25.2		
Augers	10.3	11.1		ox-drawn	9.2	10.8	10.18
Axes	25.2				11.1	11.8	
Ballistic testing tube	25.4			cycle-drawn	10.5	11.1	25.2
Bamboo tubing	2.1			hand-drawn	4.6	23.5	
Bamboo-reinforced concrete	10.11	10.13	15.1	Cashews	25.4		
Bat control	26.9			Cassava	1.1	5.2	5.8
Bananas	5.6				9.2	17.3	17.7
Bearings	5.2	23.2	25.2		19.3		
Bicycles	10.8	11.1	18.3	Caustic Soda	9.2		
Biogas (see Methane)				Cement			
Blackboards	10.5			blocks	4.6	5.2	16.1
Blacksmith's tongs	25.2				24.1	25.4	26.9
Boats	10.10	16.1		jars	11.9		
Brake linings	22.2			lime pozzalana	5.2	10.8	23.6
Brass-making	9.2			plants	5.2	10.5	10.12
Brewers' waste drier	9.2				10.14	10.23	18.3
Bricks	23.6	25.4	26.9		23.6		
Broadcast sower	5.2			with rice-husk ash	10.4	10.12	10.17
Brushes	10.4	23.6		Chalk	9.2	10.4	17.7
Building	4.2	4.3	4.6		26.9		
	5.2	5.8	10.4	Charcoal	5.8	9.2	
	10.6	10.17	10.24	Chisels	25.2		
	11.9	18.2	19.1	Clay products	4.2	10.5	10.15
Bund former	5.2				11.5	17.7	21.2
					23.6		
Candles	5.2	10.7		Clod crusher	5.2		
Canning	23.6			Clothing	4.2	23.6	
				Clutch plates	22.2		
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				forced	10.11	10.13	15.1
				flyash	10.7		
				Coolers	11.1	11.9	13.1
				Cotton stalk puller	5.6		

Crop-drying	1.3	5.8	6.1	Fungicides	5.6	10.5	10.11
	9.2	10.2	10.7	Furniture	4.2	4.6	16.1
	10.9	10.17	10.18		22.2	26.9	
	10.19	11.9	17.1	Furrowers	5.2	10.3	10.18
	19.2	23.6	24.1	Furrow-openers	10.3		
	26.2			Glass	9.2	10.17	17.7
Crop-storage	5.8	10.11	10.16		23.6	26.4	
	10.17	11.1	11.9	Glue	9.2		
	17.1	26.1	26.9	Greenhouses	6.1		
Cultivators	4.4	5.2	9.2	Grinding wheels	5.2	10.4	17.7
	11.1	11.3	25.1	Groundnuts	5.2	5.6	5.8
	25.4				8.1	10.7	11.1
Dairy	10.6				11.9	13.1	17.4
Dams	4.5	26.4	26.9		19.2	25.1	25.4
DC/AC inverter	1.1				26.9		
Dentists' equipment	5.2			Gunpowder	9.2		
Dibblers	5.2	11.1	11.3	Hand-dug wells	5.2		
	23.5			Harrows	5.2	10.20	23.5
Ditchers	5.2			Harvesters	25.2		
Donkey-drawn equipment	4.4	5.2	17.4	Herbicides	17.6		
Dyeing	5.8	17.3		Hinges	9.2		
Electricity				Hoes	5.2	9.2	10.3
solar-generated	1.3	5.4	6.1		23.7		
	17.6			Hydro-			
wind-generated	1.2	4.6	5.4	electricity	21.1	26.9	
	6.1	6.4	23.3	Hydro-geological			
water-generated	21.1	26.9		equipment	10.17		
Electrosene heater	19.1			Ice-making	1.1	21.1	
Envelopes	9.2			Ink	10.11		
Ferro-concrete	5.2	10.10	16.1	Insecticides	5.8	10.3	17.1
Fertiliser applicators	2.1	4.4	10.6	Insulation	10.17		
	10.18			Irrigation pumps	6.1	9.2	10.1
plants	5.2	10.23	23.6		26.4		
Fisheries				Jams	9.2		
general	1.1	5.2	5.8	Kaolin	9.2		
	7.1	10.2	10.10	Laboratory equipment	25.3		
	18.1			Land clearance	5.2		
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salting	26.9				10.6	22.2	23.6
smoking	5.8	26.9		Lime-pozzalana cement	5.2	10.8	23.6
Fire bricks	17.7						
Fire-proofing	10.5	10.11					
Forges	5.2	11.1	11.9				
	17.7	18.2	21.1				
	23.6	25.1					
Foundries	5.2	17.7	23.6				

Maize	5.8	11.1	11.4	Playground equip- ment	26.9			
	11.6	13.1	17.4					
Matches	10.20			Ploughs	4.4	5.5	8.1	
Meat processing	16.1	23.6			9.2	10.6	10.18	
Medical equipment	1.2	5.1	5.2		11.3	11.6	23.7	
	17.5	26.5	26.10	Pottery	10.5	10.6	10.14	
Medicinal plants	7.1	10.14	21.1		10.20	11.5	17.7	
Metal bender	5.2	11.1	25.1		23.6			
Methane (biogas)	1.1	1.2	2.1	Poultry	10.2	17.7	23.4	
	4.5	4.6	5.2	Pulleys	19.3			
	5.8	7.1	10.3	Punches	25.2			
	10.4	10.5	10.6	Rabbits	26.9			
	10.7	10.8	10.14	Refrigeration	18.3			
	10.15	10.18	10.20	Rice	5.2	5.8	9.2	
	15.1	23.1	23.6		10.4	10.5	10.8	
	26.1	26.4			10.12	10.17	10.21	
Methanol	16.2	26.9			17.7	26.2		
Mud wall coatings	10.11			Rickshaws	10.5			
Nethouses	4.4	4.5		Ridgers	5.2	8.1	10.18	
Nuts & bolts	9.2	19.1			13.1			
Ocean energy	7.1			Root puller	10.3			
Oil extraction	10.5	10.6	10.7	Rubber mouldings	9.2			
	10.21	19.1		Sago	18.3			
Oil distillation	5.8			Salt	23.6			
Ox-drawn tools	4.4	5.2	9.2	Sawbench	9.2			
	10.8	10.18	10.21	Sawmills	1.1	16.1		
	11.1	11.2	11.3	Scales	19.3			
	23.8	24.1	25.2	School equipment	4.2	10.4	10.8	
Pack saddle	5.2				22.2	25.3	26.1	
Paddy puddling tool	5.2				26.9			
Palms	5.8	9.2	17.7	Scrapers	10.18			
	19.1	23.6		Seed-bed leveller	10.3			
Paper-making	10.23	21.2	26.4	Seed-dresser	5.1	5.2		
Pedal power general	5.2	10.7	23.2	Seed-drills	5.2	8.1	10.3	
	25.2				10.5	10.6	10.18	
carts	10.5	11.1	25.2		10.21	13.1		
rice-threshing	5.8	9.2		Sericulture	26.2			
rickshaws	10.5			Sewage treatment	10.4	10.7	10.11	
water pumps	2.1	23.2	25.2		10.18			
Pelton wheel	18.3			Smokers	11.9			
Peppers	9.2			Soap	1.1	5.2	9.2	
Peristaltic pump	9.1	12.1			10.4	10.20	10.23	
Pipes	10.20	21.2			21.2	26.4		
Planters	4.4	10.18	11.3	Sodium Silicate	10.8			
	13.1	17.4	17.6					
	23.5							

Soilblocks	11.1	23.1		Tool bars	4.4	5.2	5.6
Soil testing kit	10.5	26.4			8.1	10.18	11.1
Solar					11.3	13.1	17.4
general	1.1	1.3	6.1		23.8		
	6.4	10.4	10.5	Tractors	5.5	11.6	13.1
	11.9	15.1	26.1		17.6	22.1	24.1
	26.4				25.4		
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	10.5	10.9	10.11				
	10.19	11.9	25.2	Veterinary	26.4		
	26.9			Vinegar	17.3		
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	24.1			Water			
electrics	1.3	5.4	6.1	desalination	6.1		
	17.6			distilled	6.1		
engine	10.7			filters	5.2	10.7	26.4
pump	10.9			heaters (solar)	1.3	3.1	5.4
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still	1.3	6.1	10.9		10.9	11.1	11.9
water heaters	1.3	3.1	5.4		17.7	19.1	25.2
	6.1	7.1	10.7	power	2.1	5.4	19.2
	10.9	11.1	11.9		21.1	26.1	26.9
	16.2	17.7	19.1	proofing	5.2		
	25.2			pumps			
Sorghum	11.5	25.2		bellows	11.1		
Spades	10.3			hydraulic ram	5.2	11.9	18.2
Sprayers	5.2	10.18	11.6		25.4	26.4	26.9
	17.6	23.2	25.4	irrigation	6.1	9.1	10.1
Stills	1.3	5.8	6.1		10.21	26.4	
	10.9	17.3		manual	5.2	5.6	10.1
Stoves	4.6	9.2	10.4		10.4	10.8	10.25
	11.9				11.1	11.9	17.4
Straw pulp	17.7				23.1	23.2	25.2
Submerged-tree saw	10.7				26.4	26.5	26.9
Sugar	1.2	9.2	10.7	pedal	2.1	23.2	25.2
	10.14	23.6		peristaltic	12.1		
Sunflowers	25.2			wind	4.5	4.6	5.2
Surface water					5.4	6.1	10.5
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Tag-making	10.7			tanks	5.2	9.2	10.18
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	19.3	23.6	25.2		26.9		
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Wind			
general	1.1	5.2	5.4
	6.1	6.4	10.7
	11.9	12.1	14.1
	19.1	23.6	26.1
	26.4	26.9	
engines	10.7		
generators	1.2	4.6	5.4
	6.1	6.4	23.3
mills	23.2		
pumps	4.5	4.6	5.2
	5.4	6.1	10.5
	10.8	10.18	11.4
	11.8	21.2	23.1
	26.9		
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