

Profit Analysis Report of Tyre Pyrolysis Plant

Company:(RESEM)Ruixin Environmental Specialty Equipment Manufacturing Corporation.,Ltd

Money: USD

NO.	Item	Quantity	Unit	Economic Benefit Analysis	Note
I	process scale				
1	volume of waste tire	10	t/day	10tons*300USD=3000USD	purchasing unit price:300USD/tons
2	catalyst	20	kg/day	20kg*3USD=60USD	purchasing unit price:3USD/kg
II	energy consumption				
①	water	1	t/day	1t/day*0.6USD=3.5USD	industrial water :0.6USD/t
②	electricity	250	kw/day	250kw/day *0.15USD=37.5USD	industrial electricity 0.15USD kw/h
③	coal	0.6	t/day	0.6t*200USD=120USD	unit price of standard coal: 200USD/t
III	workers	4	person/day	4person/day*30USD=120USD	worker:30USD/day
	total cost			3341USD	
IV	product				
1	Fuel oil	4.5	t/day	10T*45%*1100USD=4950USD	Fuel oil price: 1100USD/t
2	carton black	3	t/day	10T*30%*350USD=1050USD	price: 350USD/t
3	steel	1.5	t/day	10T*15%*350USD=525USD	price: 350USD/t
4	petroleum gas	1	t/day		Used in system
	total income			6525USD	
	daily profit			6525USD-3341USD=3184USD	
	monthly profit			3184USD*25day=79600USD	
	annual profit			79600USD*10month=796000USD	
*Notice	Commercial benefit based on Chinese market excluding the cost of equipment amortization and management. It is supposed to the plant running 25days per monthand 10months per year.				