



BAB XI KESIMPULAN DAN SARAN

XI.1 KESIMPULAN

Dari hasil perhitungan yang telah dilakukan dapat disimpulkan beberapa hal sebagai berikut :

1 Kapasitas Produksi	: 50.000	ton/tahun
2 Bentuk Organisasi	: Perseroan Terbatas	
3 Sistem Organisasi	: Garis dan Staff	
4 Lokasi Pabrik	: Wringinanom	Kabupaten Gresik, Jawa Timur
5 Sistem Operasi	: Kontinyu	
6 Waktu Operasi	: 330 hari	
7 Jumlah Karyawan	: 217 karyawan	
8 Bahan Baku		
a. Sulfur	: 2003,9571	kg/jam
b. Oksigen	: 3200,3307	kg/jam
9 Produk		
a. Asam Sulfat 97%	: 6313,1313	kg/jam
10 Analisa Ekonomi		
a. Permodalan		
Modal Tetap (FCI)	: Rp 337.496.636.743	
Modal Kerja (WCI)	: Rp 54.054.110.875	
Modal Total (TCI)	: Rp 391.550.747.619	
b. Penerimaan dan Pengeluaran		
Biaya Produksi Total	: Rp 308.108.431.990	
Hasil Penjualan	: Rp 475.000.000.000	
c. Rentabilitas Perusahaan		
Masa Konstruksi	: 2 tahun	
Umur Pabrik	: 10 tahun	
ROI Setelah Pajak	: 26,21	%
Internal Return of Return (IRR)	: 21,97	%
Waktu Pengembalian Modal	: 2,7	tahun
Titik Impas (BEP)	: 25,5	%

XI.2 SARAN

Kami menyadari dalam pengerjaan perancangan pabrik ini masih banyak sekali kekurangan, oleh karena itu kritik dan saran yang membangun sangat kami butuhkan agar kedepannya dapat menjadi lebih lagi.



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Pra Rencana Pabrik
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