

DAFTAR ISI

PENINGKATAN EFISIENSI TERMAL <i>BOILER</i> MENGGUNAKAN <i>HEAT EXCHANGER TANK</i>	Error! Bookmark not defined.
LEMBAR PERSETUJUAN	Error! Bookmark not defined.
LEMBAR PENGESAHAN	Error! Bookmark not defined.
LEMBAR PERNYATAAN	Error! Bookmark not defined.
KATA PENGANTAR	Error! Bookmark not defined.
DAFTAR ISI	iv
DAFTAR TABEL	v
DAFTAR GAMBAR	vi
DAFTAR LAMPIRAN	vii
Abstrak	Error! Bookmark not defined.
PENDAHULUAN	Error! Bookmark not defined.
METODOLOGI	Error! Bookmark not defined.
HASIL DAN PEMBAHASAN	Error! Bookmark not defined.
KESIMPULAN	Error! Bookmark not defined.
UCAPAN TERIMA KASIH	Error! Bookmark not defined.
DAFTAR PUSTAKA	Error! Bookmark not defined.
LAMPIRAN	Error! Bookmark not defined.
RIWAYAT PENULIS	Error! Bookmark not defined.

DAFTAR TABEL

Table 1. Brainstorming Penyebab Dominan**Error! Bookmark not defined.**

Table 2. Hasil Grafik Trend Perbaikan.....**Error! Bookmark not defined.**

Table 3. Data Investasi Awal**Error! Bookmark not defined.**

Table 4. Hasil Fly Ash And Bottom Ash**Error! Bookmark not defined.**



DAFTAR GAMBAR

Gambar 1. KPI Batubara (before) Period Januari-Juni 2024.....**Error! Bookmark not defined.**

Gambar 2. KPI Batubara (before) periode Januari-Juni 2024 ...**Error! Bookmark not defined.**

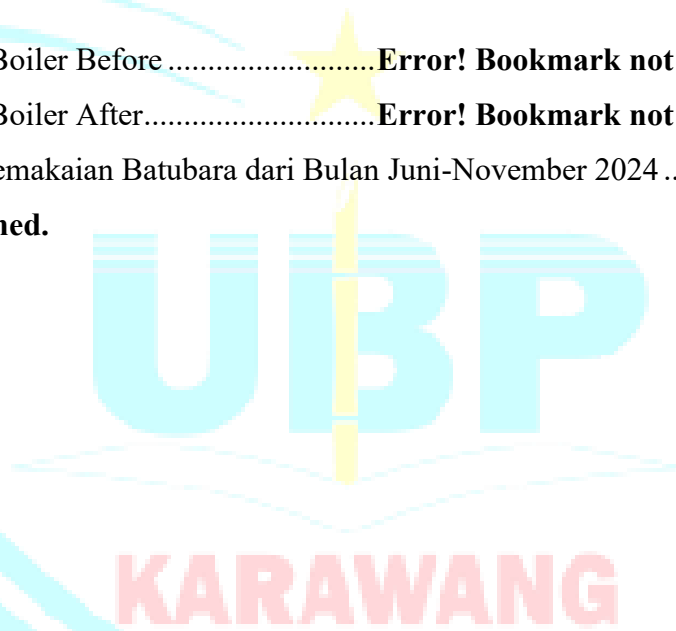
Gambar 3. Fishbone Diagram Penyebab Masalah**Error! Bookmark not defined.**

Gambar 4. Diagram Pareto Penyebab Masalah Dominan .. **Error! Bookmark not defined.**

Gambar 5. Layout Boiler Before**Error! Bookmark not defined.**

Gambar 6. Layout Boiler After.....**Error! Bookmark not defined.**

Gambar 7. Trend Pemakaian Batubara dari Bulan Juni-November 2024 **Error! Bookmark not defined.**



DAFTAR LAMPIRAN

Lampiran 1. Material Tanki Heat Exchanger**Error! Bookmark not defined.**

Lampiran 2. Proses penghalusan permukaan tanki dan Pengelasan tanki yang bolong.....**Error! Bookmark not defined.**

Lampiran 3. Pengelasan pipa bagian dalam untuk jalur pemanas air. **Error! Bookmark not defined.**

Lampiran 4. Penempatan tanki di area Boiler dan pemasangan pipa-pipa air untuk input dan output air ke feed water tank.....**Error! Bookmark not defined.**

Lampiran 5. Proses pemasangan panel control Heat Exchanger Tank **Error! Bookmark not defined.**

