

DAFTAR ISI

HALAMAN PENGESAHAN	Error! Bookmark not defined.
PERNYATAAN BEBAS PLAGIASI.....	Error! Bookmark not defined.
HALAMAN PERSEMBAHAN	Error! Bookmark not defined.
KATA PENGANTAR.....	Error! Bookmark not defined.
DAFTAR ISI.....	1
DAFTAR TABEL	Error! Bookmark not defined.
DAFTAR GAMBAR.....	Error! Bookmark not defined.
DAFTAR SINGKATAN.....	Error! Bookmark not defined.
INTISARI.....	Error! Bookmark not defined.
ABSTRAK.....	Error! Bookmark not defined.
BAB I	Error! Bookmark not defined.
PENDAHULUAN	Error! Bookmark not defined.
1.1 Latar Belakang.....	Error! Bookmark not defined.
1.2 Rumusan Masalah.....	Error! Bookmark not defined.
1.3 Batasan Tugas Akhir	Error! Bookmark not defined.
1.4 Tujuan Tugas Akhir.....	Error! Bookmark not defined.
1.5 Manfaat Tugas Akhir.....	Error! Bookmark not defined.
1.6 Sistematis Penulisan.....	Error! Bookmark not defined.
BAB II	Error! Bookmark not defined.
TINJAUAN PUSTAKA DAN DASAR TEORI.....	Error! Bookmark not defined.
2.1 Tinjauan Pustaka.....	Error! Bookmark not defined.
2.2 Dasar Teori	Error! Bookmark not defined.
2.2.1 Kegagalan Bahan Isolasi	Error! Bookmark not defined.
2.2.2 Isolator Padat.....	Error! Bookmark not defined.
2.2.2.1 Klasifikasi Isolator Padat Berdasarkan Material Penyusun	Error! Bookmark not defined.
2.2.3 <i>Partial discharge</i>	Error! Bookmark not defined.
2.2.4.1 <i>Surface Partial discharge</i>	Error! Bookmark not defined.
2.2.4.2 Korona.....	Error! Bookmark not defined.
2.2.4.3 <i>Internal Partial discharge</i>	Error! Bookmark not defined.
2.2.4 Metode Deteksi PD	Error! Bookmark not defined.
2.2.5 Pengolahan Sinyal Akustik.....	Error! Bookmark not defined.
2.2.6 Pengolahan Sinyal di Ranah Waktu	Error! Bookmark not defined.



2.2.7	Pengolahan Sinyal di Ranah Frekuensi.....	Error! Bookmark not defined.
BAB III.....		Error! Bookmark not defined.
METODE TUGAS AKHIR.....		Error! Bookmark not defined.
3.1	Alat dan Bahan Tugas Akhir.....	Error! Bookmark not defined.
3.1.1	Alat Tugas Akhir.....	Error! Bookmark not defined.
3.1.2	Bahan Tugas Akhir.....	Error! Bookmark not defined.
3.2	Alur Tugas Akhir	Error! Bookmark not defined.
3.2.1	Studi Literatur.....	Error! Bookmark not defined.
3.2.2	Persiapan Alat dan Bahan Perancangan PD	Error! Bookmark not defined.
3.2.3	Merancang Sistem Pembangkit Tegangan Tinggi (AC)...	Error! Bookmark not defined.
3.2.4	Merancang Sistem Pembangkit PD	Error! Bookmark not defined.
3.2.4.1	Pembangkitan PD Skema 1	Error! Bookmark not defined.
3.2.4.2	Pembangkitan PD Skema 2	Error! Bookmark not defined.
3.2.4.3	Pembangkitan PD Skema 3	Error! Bookmark not defined.
3.2.4.4	Pembangkitan PD Skema 4	Error! Bookmark not defined.
3.2.5	Melakukan Pengujian Tegangan <i>Breakdown</i>	Error! Bookmark not defined.
3.2.6	Merancang Sistem Deteksi PD Berbasis Akustik.....	Error! Bookmark not defined.
3.2.7	Melakukan Pengujian Sistem Deteksi PD Berbasis Akustik...	Error! Bookmark not defined.
3.2.8	Melakukan Pengolahan Data Sinyal Akustik	Error! Bookmark not defined.
3.2.9	Menganalisis Karakteristik Spektrum Frekuensi Bebas Akustik	Error! Bookmark not defined.
3.2.10	Penarikan Kesimpulan dan Saran	Error! Bookmark not defined.
BAB IV.....		Error! Bookmark not defined.
HASIL DAN PEMBAHASAN.....		Error! Bookmark not defined.
4.1	Perancangan Sistem Pengujian <i>Surface discharge</i> pada Isolator	Error! Bookmark not defined.
4.2	Karakteristik Akustik	Error! Bookmark not defined.
4.3	Spektrum Frekuensi	Error! Bookmark not defined.
4.4	Pengujian PD Skema 1: Kaca Dijepit dengan Elektroda Tabung - Tabung	Error! Bookmark not defined.
4.4.1	Spektrum Plot pada Sinyal Akustik Skema 1	Error! Bookmark not defined.
4.5	Pengujian PD Skema 2: Kaca Dijepit dengan Elektroda Lancip - Tabung.....	Error! Bookmark not defined.
4.5.1	Spektrum Plot pada Sinyal Akustik Skema 2	Error! Bookmark not defined.



4.6	Pengujian PD Skema 3: Karet Silikon Dijepit dengan Elektroda Tabung - Tabung	Error! Bookmark not defined.
4.6.1	Spektrum Plot pada Sinyal Akustik Skema 3	Error! Bookmark not defined.
4.7	Pengujian PD Skema 4: Karet Silikon Dijepit dengan Elektroda Lancip - Tabung	Error! Bookmark not defined.
4.7.1	Spektrum Plot pada Sinyal Akustik Skema 4	Error! Bookmark not defined.
4.8	Perbandingan Sinyal Suara Hasil Pengujian PD Skema 1, 2, 3, dan 4	Error! Bookmark not defined.
4.9	Komparasi Hasil Pengujian PD Keempat Skema	Error! Bookmark not defined.
BAB V	Error! Bookmark not defined.
KESIMPULAN DAN SARAN	Error! Bookmark not defined.
5.1	Kesimpulan	Error! Bookmark not defined.
5.2	Saran	Error! Bookmark not defined.
DAFTAR PUSTAKA	Error! Bookmark not defined.