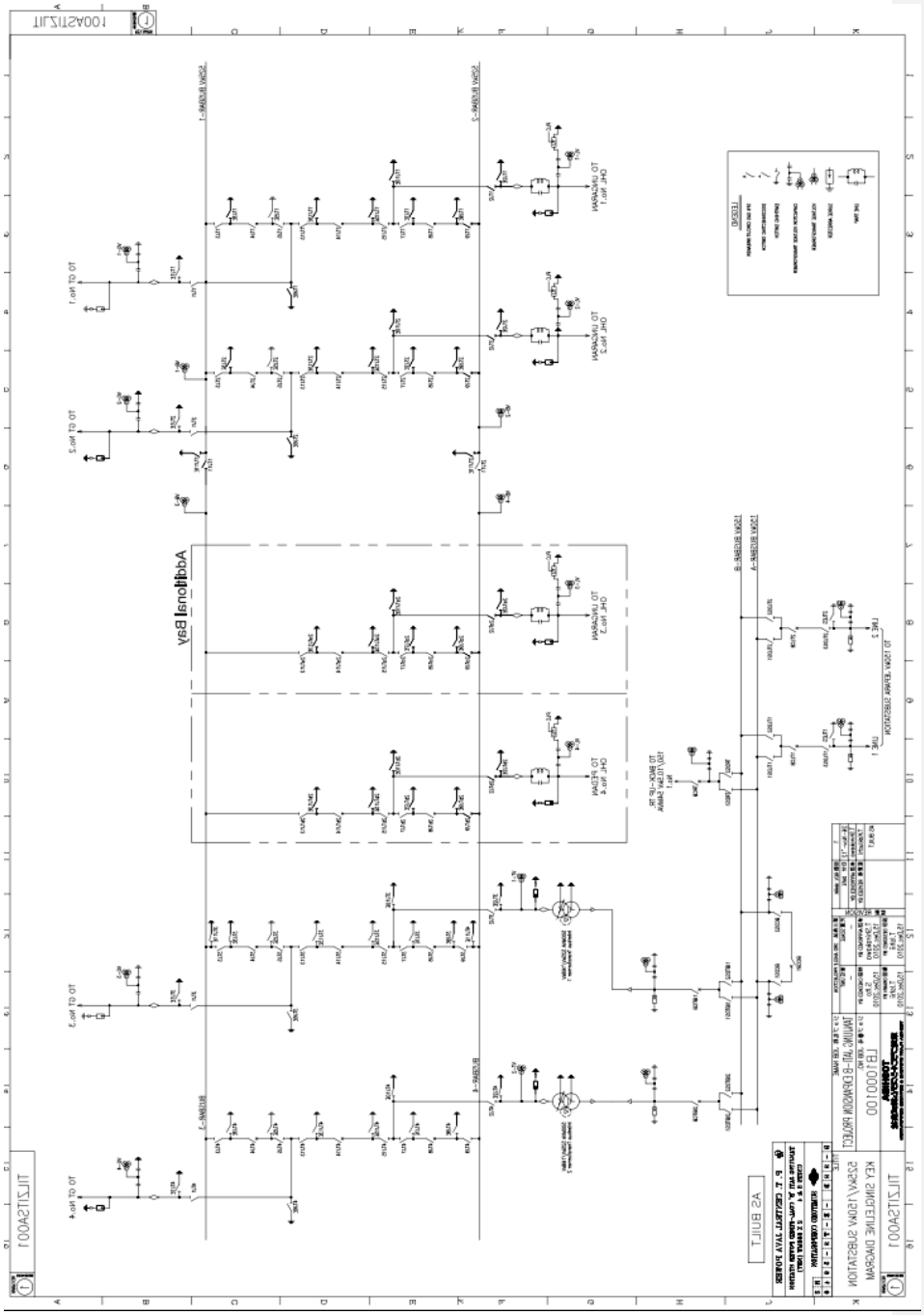
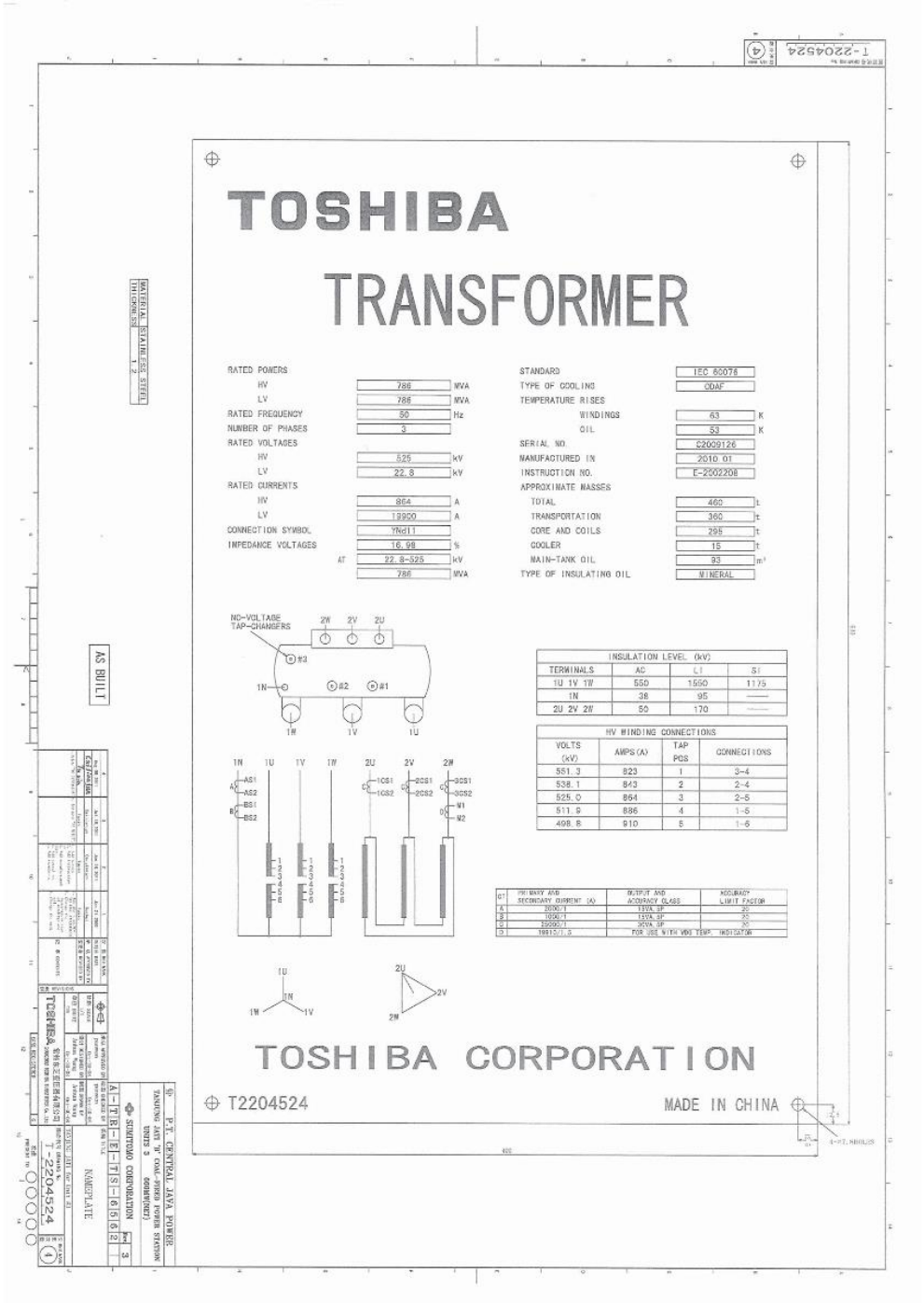
LAMPIRAN

1. **Single Line Diagram Generator 525 kV**

2. **Pemodelan Single Line diagram PLTU Tanjung Jati B**



3. Nameplate Transformator PLTU Tanjung Jati

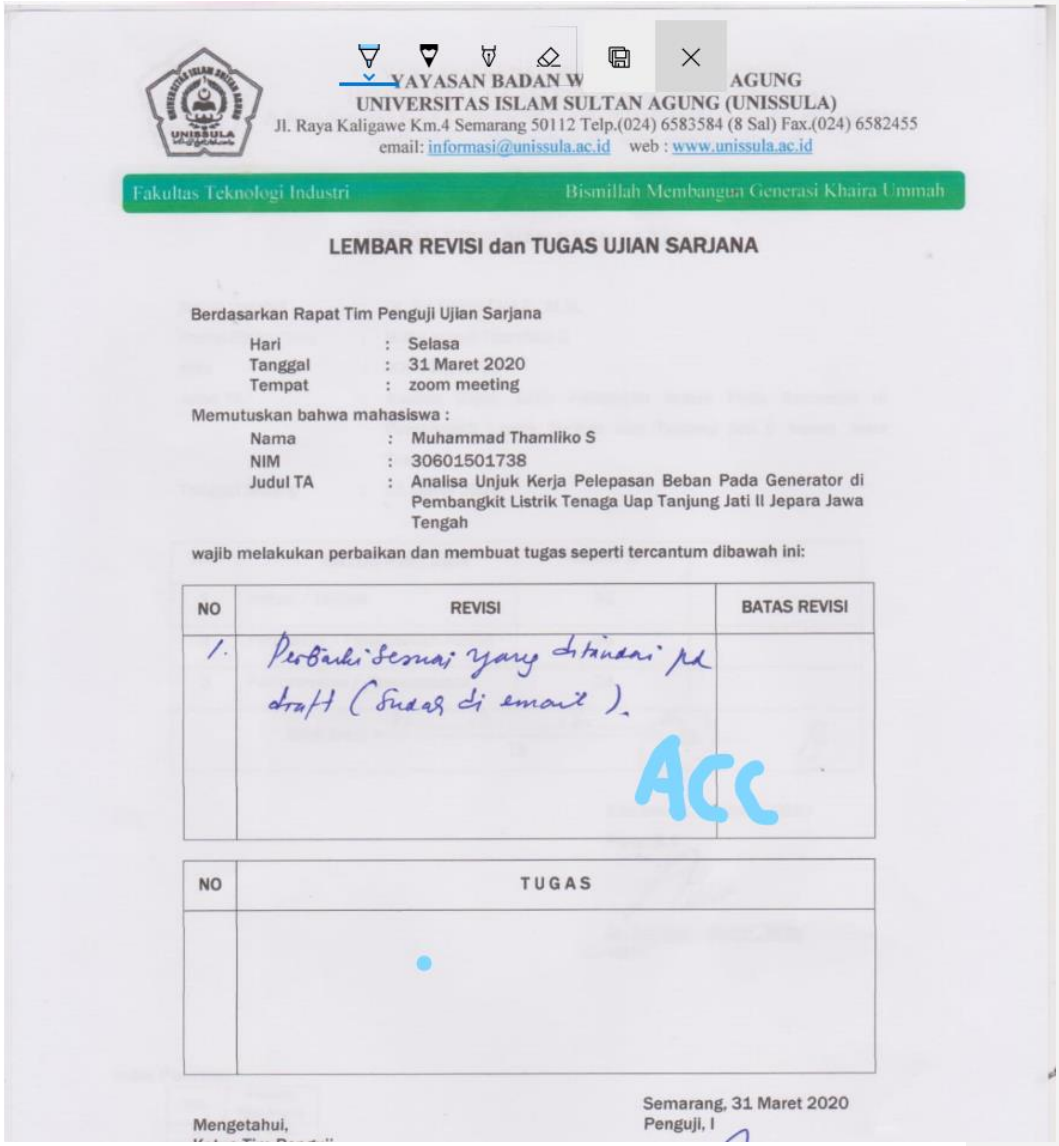


4. Spesifikasi Generator PLTU Tanjung Jati B Jepara

2. TECHNICAL DATA INFORMATION

2.1 Type	: Three phase, totally enclosed synchronous generator, direct coupled to turbine
2.2 Cooling Method	
(1) Stator Winding	: Direct water-cooled
(2) Stator Core	: Hydrogen-cooled
(3) Rotor Winding	: Direct hydrogen-cooled
2.3 Rated Characteristics	
(1) Active Power at rated H2 pressure	: 721.8 MW continuous
(2) Apparent Power at rated H2 pressure	: 802 MVA continuous
(3) Power Factor (Overexcited)	: 0.9 (lagging)
Power Factor (underexcited)	: 0.95 (leading)
(4) Rated Voltage	: 22.8 kV
(5) Rated Nominal Voltage Range	: 22.8 kV ± 5% at rated apparent power, speed, and power factor
(6) Speed of Rotation	: 3000 rpm
(7) Frequency	: 50 Hz
(8) Number of Phases	: 3
(9) Coupling to turbine	: Direct
(10) Class of Insulation / temperature rise	
- Stator	: Class F / B
- Rotor	: Class F / B
(11) Rated Hydrogen Pressure	: 4.4 bar・g
(12) Standard	: IEC 60034-1 (2004)
2.4 Excitation System	: Static excitation system with thyristor rectifier
(1) Excitation Voltage	: 550V DC
(2) Field Current	: 5110A DC

5. Acc Penguji



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Fakultas Teknologi Industri — Bismillah Membangun Generasi Khaira Ummah

LEMBAR REVISI dan TUGAS UJIAN SARJANA

Berdasarkan Rapat Tim Penguji Ujian Sarjana

Hari : Selasa
Tanggal : 31 Maret 2020
Tempat : zoom meeting

Memutuskan bahwa mahasiswa :

Nama : Muhammad Thamliko S
NIM : 30601501738
Judul TA : Analisa Unjuk Kerja Pelepasan Beban Pada Generator di Pembangkit Listrik Tenaga Uap Tanjung Jati II Jepara Jawa Tengah

wajib melakukan perbaikan dan membuat tugas seperti tercantum dibawah ini:

NO	REVISI	BATAS REVISI
1.	Perbaiki sesuai yang ditandai pd draft (sudah di email). ACC	

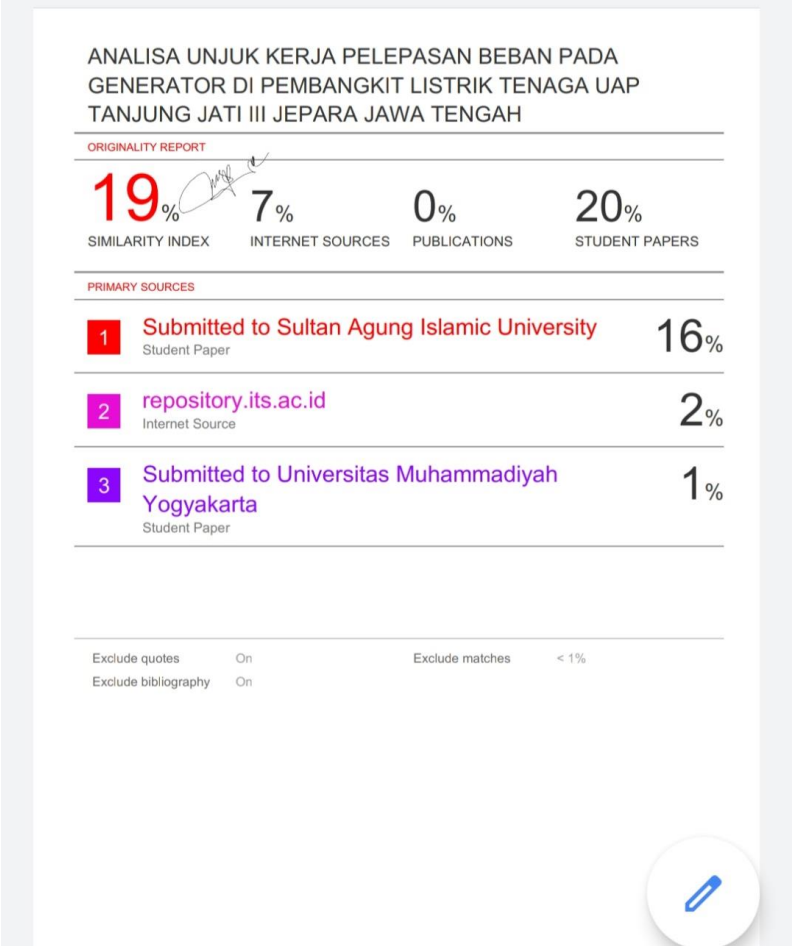
NO	TUGAS

Semarang, 31 Maret 2020
Penguji, I

Mengetahui,

ACC ARTTINI

6. Acc turnittin



ANALISA UNJUK KERJA PELEPASAN BEBAN PADA GENERATOR DI PEMBANGKIT LISTRIK TENAGA UAP TANJUNG JATI III JEPARA JAWA TENGAH

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