

COVER LETTER

Attention To: Human Resources Departement

Dear Sir/Madam,

I would like to express my interest regarding the job application which was published on LinkedIn.

I am freshgraduate with a Bachelor of Electrical Engineering from Tidar University with a GPA of 3.30/4.00. During my studies, I actively participated in campus organizations and had internship experience at PT. PLN (Persero) as HSE Staff and at PT. Benang Citra Indonesia as Maintenance and Utility and Certified General Occupational Health & Safety Expert which has shaped the soft/hard skills that I have to apply to work.

Along with this cover letter, I have attached my CV for your consideration. I submit this application with the hope of progressing to the next stage of the selection process and becoming a part of the esteemed company you lead. Thank you for your time and consideration.

Best Regards,

Rizky Andrean Sianturi

andrewsntri17@gmail.com



PROFILE

A freshgraduate of Bachelor of Electrical Engineering from Tidar University with internship experience at PT. PLN (Persero) as Occupational Health and Safety (OHS) Staff and at PT. Benang Citra Indonesia as Maintenance & Utility Staff, which has developed technical and non-technical capabilities. I have an interest in the fields of high-voltage electrical, electrical equipment maintenance, HSE, and electrical power system analysis. I am also committed to continuously improving my knowledge and skills for continuous self-development.

EDUCATION

| | |
|--|-------------|
| Tidar University | 2020 - 2024 |
| Bachelor of Electrical Engineering, Concentration on Electric Power Systems (Heavy Current). | |
| <ul style="list-style-type: none">GPA 3.30/4.00Final Project : Power Transformer Bushing Testing : Case Study of Transformer 1 New Poncol | |

INTERNSHIP EXPERIENCE

| | |
|--|----------------------------|
| PT. Benang Citra Indonesia | August 2024 - October 2024 |
| Maintenance & Utility | |
| <ul style="list-style-type: none">Running PM/CM Maintenance on winding, carding, and blowing production machines (more than 15 production machines) to ensure smooth operation and prevent damage.Cleaning/repair the SDP/MDP panels and electrical components to prevent fire and function optimally.Inspect and troubleshoot electric motor 3P to ensure there are no disturbances that can affect the production process.Commissioning of electrical system within the teams and other stakeholders. | |
| PT. PLN (Persero) – UPT Bekasi | August 2023 - January 2024 |
| Occupational Health and Safety (OHS) | |
| <ul style="list-style-type: none">Monitoring Light Fire Extinguishers and K3 equipment in more than 10 substations.Create online-based guest book reports that can be monitored remotely, reducing paper usage by 30%.Supervision of the suitability of equipment used by workers when carrying out maintenance on the substationCarry out safety talk before starting each job. | |

ORGANIZATIONAL EXPERIENCE

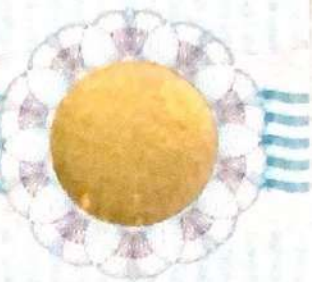
| | |
|--|-----------|
| Student Representative Council of the Faculty of Engineering Tidar University | 2022-2023 |
| Advocacy Staff | |
| Electrical Engineering Student Association Tidar University | 2021-2022 |
| Vice Chairman of the Student Resource Development Division | |
| Christian Student Activity Unit Tidar University | 2021-2021 |
| Student Resource Development Staff | |

SKILLS

- Technical Expertise:** Occupational Health and Safety (OHS), Electrical Testing and Maintenance, Electrical Power System Analysis, Troubleshooting, Single Line Diagram (SLD), CAD Drawing, and Electrical Installation.
- Non-Technical Skills:** Teamwork, Adaptive, Communicative, Problem Solving, and Time Management.
- Software:** Microsoft Office (Word, Excel, PowerPoint), AutoCad, PSIM, Nitro, Visio, ETAP, and Proteus.
- Language:** Indonesian (Native), English (Proficient).

TRAINING & CERTIFICATION

- Quality, Health, Safety & Environment Management System (QHSE-MS), SRZ Consulting & Training, November 2024.
- Occupational Health and Safety Expert (OHS Certified), BNSP, August 2024.
- Industrial Energy Management System, Tidar University, January 2022



KEMENTERIAN PENDIDIKAN TINGGI, SAINS, DAN TEKNOLOGI
(MINISTRY OF HIGHER EDUCATION, SCIENCE AND TECHNOLOGY)
UNIVERSITAS TIDAR

IJAZAH

Nomor (Number): 001056202012024100054

diberikan kepada
(herewith certifies that)

Rizky Andrean Sianturi

Nomor Pokok Mahasiswa (Student Number): 2010501136

Nomor Induk Kependudukan (ID Number): 3216074304020015

lahir di Cibitung tanggal 3 April 2002

(born in Cibitung, 3rd April 2002)

telah memenuhi persyaratan Program Pendidikan Sarjana (S1)

(has successfully and fulfilled all the Bachelor Degree Program requirements)

dan dinyatakan lulus tanggal 2 Juli 2024 dengan gelar Sarjana Teknik (S.T.)

(and has passed on 2nd July 2024 with academic degree Bachelor of Engineering)

pada Program Studi S1 Teknik Elektro Fakultas Teknik

(in Electrical Engineering Study Program, Faculty of Engineering)

Terakreditasi Baik oleh BAN-PT Nomor: 1152/SK/BAN-PT/Akred/S/III/2021.

(the study program is accredited Good by BAN-PT, Number: 1152/SK/BAN-PT/Akred/S/III/2021.)

Dekan,
(Dean)

Prof. Dr. Ir. Gito Sugiyanto, S.T., M.T., IPM, ASEAN Eng.

NIP 198002152002121003



Magelang, 30 November 2024
Rektor,
(Rector)

Prof. Dr. Sugiyarto, M.Si.

NIP 196704301992031002



KEMENTERIAN PENDIDIKAN, KEBUDAYAAN,
RISET, DAN TEKNOLOGI
UNIVERSITAS TIDAR
FAKULTAS TEKNIK

Alamat : Jalan Kapten Suparman 39 Magelang 56116
Telp. (0293) 364113 Fax. (0293) 362438

Laman : www.ft.unidar.ac.id Surel : teknik@unidar.ac.id

TRANSKRIP NILAI SEMENTARA

Nama : Rizky Andean Sianturi
NPM : 2010501136
Program : Sarjana

Fakultas : Teknik
Jurusan : Teknik Elektro, Mekatronika dan Informasi
Program Studi : S1 Teknik Elektro

| NO. | KODE | MATA KULIAH | SKS | NILAI | BOBOT | NO. | KODE | MATA KULIAH | SKS | NILAI | BOBOT |
|--------|-------|--|-----|-------|--------|--------|--------|---------------------------------------|-----|-------|--------|
| 1 | 71101 | Bahasa Inggris | 2 | C | 4.00 | 36 | 72236 | Instalasi Listrik Dasar | 2 | B | 6.00 |
| 2 | 71102 | Pendidikan Agama | 2 | B | 6.00 | 37 | 72237 | Kewirausahaan Dasar | 2 | A | 8.00 |
| 3 | 71103 | Fisika Teknik | 2 | BC | 5.00 | 38 | 72238 | Sistem Komunikasi | 2 | AB | 7.00 |
| 4 | 71104 | Matematika Elektro Dasar | 2 | C | 4.00 | 39 | 72239 | Distribusi & Transmisi Tenaga Listrik | 3 | AB | 10.50 |
| 5 | 71105 | Dasar Teknik Elektro | 2 | C | 4.00 | 40 | 72240 | Sistem Mikrokontroler | 2 | AB | 7.00 |
| 6 | 71106 | Teknik Digital | 2 | A | 8.00 | 41 | 72241 | Praktikum Mesin Listrik | 1 | B | 3.00 |
| 7 | 71107 | Dasar Algoritma dan Pemrograman | 2 | BC | 5.00 | 42 | 73142 | Praktik Kewirausahaan | 2 | A | 8.00 |
| 8 | 71108 | Teknik Komputer Dasar | 2 | A | 8.00 | 43 | 73143 | Pengolahan Isyarat Digital | 2 | BC | 5.00 |
| 9 | 71109 | Pendidikan Pancasila | 2 | AB | 7.00 | 44 | 73144 | Instalasi Listrik Industri | 3 | AB | 10.50 |
| 10 | 71110 | Praktikum Pemrograman | 1 | A | 4.00 | 45 | 73145 | Sistem Isolasi | 2 | AB | 7.00 |
| 11 | 71211 | Bahasa Indonesia | 2 | A | 8.00 | 46 | 73146 | Perencanaan Sistem Listrik Industri | 2 | AB | 7.00 |
| 12 | 71212 | Fisika Elektro | 2 | B | 6.00 | 47 | 73147 | Komunikasi Data | 2 | B | 6.00 |
| 13 | 71213 | Matematika Elektro Lanjut | 2 | BC | 5.00 | 48 | 73148 | Sistem Kendali Lanjut | 3 | AB | 10.50 |
| 14 | 71214 | Untai Elektrik Dasar | 2 | A | 8.00 | 49 | 73149 | Pembangkit Tenaga Listrik | 2 | A | 8.00 |
| 15 | 71215 | Pendidikan Kewarganegaraan | 2 | BC | 5.00 | 50 | 73150 | Praktikum Sistem Mikrokontroler | 1 | B | 3.00 |
| 16 | 71216 | Elektronika Dasar | 2 | B | 6.00 | 51 | 73151 | Praktikum Instalasi | 1 | AB | 3.50 |
| 17 | 71217 | Teknik Tenaga Listrik | 2 | B | 6.00 | 52 | 74163 | Robotika | 2 | B | 6.00 |
| 18 | 71218 | Medan Elektromagnetik | 2 | A | 8.00 | 53 | MKU207 | KKN | 3 | A | 12.00 |
| 19 | 71219 | Instrumentasi & Teknik Pengukuran | 2 | AB | 7.00 | 54 | TEC401 | Kuliah Kerja Lapangan | 2 | A | 8.00 |
| 20 | 71220 | Praktikum Teknik Digital | 1 | B | 3.00 | 55 | TEC528 | Kerja Praktik | 2 | A | 8.00 |
| 21 | 71221 | Praktikum Instrumentasi & Teknik Pengukuran | 1 | B | 3.00 | 56 | TEC529 | SKRIPSI dan PENDADARAN | 6 | AB | 21.00 |
| 22 | 72122 | Keselamatan, Kesehatan, dan Keselamatan Kerja (K3) | 2 | AB | 7.00 | 57 | TEC530 | Etika Profesi | 2 | AB | 7.00 |
| 23 | 72123 | Dasar Konversi Energi Listrik | 2 | B | 6.00 | 58 | TEM405 | Praktikum Analisis Sistem Tenaga | 1 | A | 4.00 |
| 24 | 72124 | Untai Elektrik Lanjut | 2 | B | 6.00 | 59 | TEM448 | Teknik Proteksi | 2 | B | 6.00 |
| 25 | 72125 | Isyarat dan Sistem | 2 | A | 8.00 | 60 | TEM449 | Peralatan Tegangan Tinggi | 2 | B | 6.00 |
| 26 | 72126 | Komputasi Numerik | 2 | AB | 7.00 | 61 | TEM450 | Perencanaan Sistem Tenaga Listrik | 2 | B | 6.00 |
| 27 | 72127 | Mesin Listrik Dasar | 2 | B | 6.00 | 62 | TEM451 | Transmisi Tenaga Listrik | 2 | A | 8.00 |
| 28 | 72128 | Telekomunikasi Dasar | 2 | B | 6.00 | 63 | TEP500 | Teknik Tegangan Tinggi | 3 | AB | 10.50 |
| 29 | 72129 | Teknik Kendali | 2 | AB | 7.00 | 64 | TEP502 | Praktikum Tegangan Tinggi | 1 | A | 4.00 |
| 30 | 72130 | Praktikum Elektronika Dasar | 1 | BC | 2.50 | 65 | TEP503 | Keandalan Sistem Tenaga | 3 | AB | 10.50 |
| 31 | 72131 | Manajemen Proyek | 2 | B | 6.00 | 66 | TEP504 | Dinamika & Stabilitas STL | 3 | B | 9.00 |
| 32 | 72132 | Probabilitas dan Statistik | 2 | B | 6.00 | 67 | TEP505 | Kendali Elektronika Sistem Tenaga | 3 | B | 9.00 |
| 33 | 72233 | Teknologi Elektronika Daya | 3 | A | 12.00 | 68 | TEP508 | Konservasi Energi | 3 | B | 9.00 |
| 34 | 72234 | Teknologi Neuro Fuzzy | 3 | BC | 7.50 | 69 | TEP511 | Kualitas Daya Listrik | 3 | B | 9.00 |
| 35 | 72235 | Metodologi Penelitian | 2 | B | 6.00 | 70 | TEP515 | Smartgrid | 3 | A | 12.00 |
| Jumlah | | | 68 | | 213.00 | Jumlah | | | 80 | | 275.00 |

Jumlah SKS : 148

IPK : 3.30

Predikat Kelulusan : Sangat Memuaskan

Judul Skripsi : Pengujian Bushing Transformator Tenaga : Studi Kasus Trafo 1 Gardu Induk Poncol Baru

Magelang, 05 Juli 2024

Mengetahui
Dekan

Prof. Dr. Ir. Gito Sugiyanto, S.T., M.T., IPM., ASEAN Eng.
NIP. 198002152002121003

Ketua Jurusan

Ir. Bagus Fatkhurrozi, S.T., M.T., IPM.
NIP. 197910122005011001

Keterangan :

Skor
> 85,00 - 100
> 80,00 - 85,00
> 75,00 - 80,00
> 70,00 - 75,00
> 65,00 - 70,00
> 60,00 - 65,00
> 55,00 - 60,00
> 50,00 - 55,00

Nilai
A
AB
B
BC
C
CD
D
E

*) Pembimbing akademik memaraf di samping kiri nama Ketua Jurusan

Keterangan : Transkrip Nilai Sementara ini digunakan sebagai salah 1 syarat administrasi Yudisium

12864352



BADAN NASIONAL
SERTIFIKASI PROFESI
INDONESIAN PROFESSIONAL
CERTIFICATION AUTHORITY

SERTIFIKAT KOMPETENSI CERTIFICATE OF COMPETENCE

No. 74321 3257 0019708 2024

Dengan ini menyatakan bahwa,
This is to certify that,

Rizky Andrean Sianturi

No. Reg. KKK.2037.006683 2024

Telah kompeten pada bidang:
Is competent in the area of:

Keselamatan & Kesehatan Kerja
Occupational Safety & Health

Dengan Kualifikasi / Kompetensi:
With Qualification / Competency:

AHLI KESELAMATAN & KESEHATAN KERJA UMUM
GENERAL OCCUPATIONAL SAFETY & HEALTH EXPERT

Sertifikat ini berlaku untuk: 3 (tiga) Tahun
This certificate is valid for: 3 (three) Years

Jakarta, 12 Agustus 2024

Atas nama BNSP

On behalf of Indonesian Professional Certification Authority

Lembaga Sertifikasi Profesi K3 Nasional
Professional Certification Agency for National Occupational Safety & Health



Thomas R. Mardadi

Ketua
Chairman



SERTIFIKAT

Praktek Kerja Lapangan

Diberikan Kepada :

RIZKY ANDREAN SIANTURI/2010501136
JURUSAN TEKNIK ELEKTRO UNIVERSITAS TIDAR

Telah melaksanakan Program Magang pada PT PLN (Persero) UPT Bekasi

mulai dari 01 Agustus 2023 sampai dengan 31 Januari 2024 dengan hasil **"BAIK"**

Bekasi, 31 Januari 2024

Manager UPT Bekasi,




DEWI SETYAHARINI

PT. BENANG CITRA INDONESIA

Cikarang Barat ~ Bekasi

NO : 03/PA/HR/BCI/VII/2024

Perihal : **Praktek Kerja Lapangan**

Kepada Yth :

Bpk. Amit Kumar

DM Maintenance & Utility LTG

Di Tempat

Dengan hormat,

Bersama ini kami sampaikan bahwa saat ini PT. Benang Citra Indonesia sedang menerima Mahasiswa Praktek Kerja Lapangan dari **Yayasan Harapan Cera****h**, yaitu:

| No | Nama | Jurusan |
|----|------------------------|----------------|
| 1 | Rizky Andrean Sianturi | Teknik Elektro |

Sesuai dengan jurusan yang ditekuninya, Mahasiswa tersebut akan melaksanakan Praktek Kerja Lapangan di **Divisi Maintenance & Utility LTG PT. Benang Citra Indonesia** **terhitung mulai tanggal 01 Agustus 2024 s/d 09 Oktober 2024.**

Berkenaan itu kami mohon agar Mahasiswa tersebut dapat diterima di Divisi yang bersangkutan dan diberikan bimbingan, petunjuk dan arahan.

Demikian kami sampaikan, terima kasih atas perhatian dan kerjasamanya.

Cikarang Barat, 01 Agustus 2024

Mengetahui



Setia Murni Siahaan

HRGA Manager

CC: - *Arsip*