



**BADAN NASIONAL
SERTIFIKASI PROFESI
INDONESIAN PROFESSIONAL
CERTIFICATION AUTHORITY**

**SERTIFIKAT KOMPETENSI
CERTIFICATE OF COMPETENCE**

No. 37021 214301 7 0000011 2022

Dengan ini menyatakan bahwa,
This is to certify that,

Muhamad Komarudin

No. Reg. LHK.1983.00006 2022

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

**Pengendalian Pencemaran Air
Water Pollution Control**

Dengan Kualifikasi/Kompetensi
With Qualification/Competency

**Penanggung Jawab Pengendalian Pencemaran Air
Responsible for Water Pollution Control**

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

Jakarta, 2 Maret 2022
Jakarta, March 2nd, 2022

Atas Nama Badan Nasional Sertifikasi Profesi
On Behalf of Indonesian Professional Certification Authority

Lembaga Sertifikasi Profesi Lingkungan Hidup Lestari
Professional Certification Body for Sustainable Environment

Ir. Zaherunaja, M.Si., IPM
Direktur
Director



Daftar Unit Kompetensi
List of Unit(s) of Competency

NO	KODE UNIT <i>Unit Code</i>	JUDUL UNIT KOMPETENSI <i>Competency Unit Title</i>
1	E.370000.001.01	Mengidentifikasi Sumber Pencemaran Air Limbah <i>Identify the Source of Waste Water Pollution</i>
2	E.370000.002.01	Menentukan Karakteristik Sumber Pencemaran Air Limbah <i>Determine Characteristics of Water Pollution Source Waste</i>
3	E.370000.003.01	Menilai Tingkat Pencemaran Air Limbah <i>Asses the Level of Waste Water Pollution</i>
4	E.370000.006.01	Menentukan Peralatan Instalasi Pengolahan Air Limbah (IPAL) <i>Determine Waste Water Treatment Plant (WWTP) Equipment</i>
5	E.370000.007.01	Mengoperasikan Instalasi Pengolahan Air Limbah <i>Operate a Waste Water Treatment Plant</i>
6	E.370000.008.01	Melaksanakan Daur Ulang Olahan Air Limbah <i>Implement Waste Water Processed Recycling</i>
7	E.370000.010.01	Menyusun Rencana Pemantauan Kualitas Air Limbah <i>Prepare the Waste Water Quality Monitoring Plan</i>
8	E.370000.011.01	Melaksanakan Pemantauan Kualitas Air Limbah <i>Implement Waste Water Quality Monitoring</i>
9	E.370000.012.01	Mengidentifikasi Bahaya dalam Pengolahan Air Limbah <i>Identify Hazards in Waste Water Treatment</i>
10	E.370000.013.01	Melakukan Tindakan Keselamatan dan Kesehatan Kerja (K3) terhadap Bahaya dalam Pengolahan Air Limbah <i>Conduct Occupational Health and Safety (OHS) Procedures on Hazards in Waste Water Management</i>

Jakarta, 2 Maret 2022
Jakarta, March 2nd, 2022



Muhamad Komarudin
Tanda Tangan Pemilik
Certificate Holder Signature



Lembaga Sertifikasi Profesi
Lingkungan Hidup Lestari
Professional Certification Body
for Sustainable Environment

Ahmad Ashari Aminuddin, S.Pi
Manajer Sertifikasi
Certification Manager