



Divisi aplikasi produk berperan aktif dalam memberikan masukan yang menunjang kebijakan pemerintah, kemajuan industri dalam meningkatkan kualitas dan mutu bahan bakar dan pelumas, serta memberikan solusi pada industri migas melalui pelayanan jasa studi, jasa analisis laboratorium, sewa alat dan perbantuan tenaga ahli.

Divisi Aplikasi produk mampu melaksanakan pengujian karakteristik bahan bakar minyak bumi dan produknya, serta biofuel, bioteknologi, pemodelan dan teknologi lingkungan.

Program dan kegiatan yang dilakukan diupayakan untuk memastikan kualitas bahan bakar dan pelumas yang diedarkan dan digunakan sesuai dengan standar dan mutu (spesifikasi) yang dipersyaratkan, selain itu mengembangkan produk dan teknologi pemanfaatan bahan bakar dan pelumas, serta membantu memberikan solusi kepada pemerintah, sektor industri migas, sektor industri nabati terkait dengan teknologi, pemanfaatan serta implementasi produk migas.



ISO/IEC 9001:2015

Quality Management System



ISO 45001 : 2018

Occupational Health and Safety Management



SNI ISO/ IEC 17065:2012

Assessment and Requirements for Product, Process and Services Certification



SNI ISO/IEC 17025:2017

Standard for Laboratory Competence



ISO 14001: 2015

Environmental Management Systems

01 Laboratorium

Fuel and Aviation Testing Group

- Fuel Characteristics Lab.
- NRE-Biofuel Characteristics Lab.
- Performance Lab.

Lubricant Testing Group

- Lubricant Characteristics Lab.
- Lubricant Semi- Performance Lab.
- Brake & Transformer Fluid Lab.

LSPro Hilir Migas

- Lubricant Certification
- Gas Certification
- Stove Certification

Engineering and Product Implementation

- Lube Oil Blending Plant (LOBP)
- Industrial Implementation Lab.

02 Pengujian

- Pengujian Bensin
- Pengujian Minyak Solar
- Pengujian Minyak Tanah
- Pengujian Minyak Bakar
- Pengujian Biofuel
- Pengujian Bahan Bakar Aviasi
- Pengujian Minyak Diesel Marine dan Industri
- Pengujian Metanol dan Etanol
- Pengujian Chassis Dynamometer Mobil
- Pengujian Performa Mesin Multi Silinder
- Pengujian Chassis Dynamometer Motor
- Pengujian Performa Mesin Satu Silinder
- Paket Uji Metrology dan Rating Komponen Mesin
- Pengujian Kompatibilitas Material Non Metal (Immersion Test)
- Pengujian Kinerja Kompor
- Pengujian Water Tolerance
- Pengujian Presipitasi
- Pengujian Auto Ignition Temperature
- Pengujian Startability bahan bakar
- Pengujian Fisika-Kimia dan Semi Unjuk Kerja Pelumas





05 Pengalaman Divisi Aplikasi Produk

- Road test of B20, B30 and B40 in engine diesel;
- Implementation testing of B20 and B30 in mining, agricultural, naval and rail sectors;
- Implementation testing of B30D10 on ship engine through dyno test and sea trial;
- Characteristic and material compatibility test for Bioavtur (J2.4)
- Characteristic test and utilization of DME and mix-DME;
- Implementation of converter kit for gasoline and LPG;
- Road test of gasoline formulation;
- Fuel quality testing and used lubricant in engine durability up to 1000hrs;
- Testing and quality analysis for fuel and biofuel to supervision of quality circulating in Indonesia;
- Characteristic test for racing fuel and superlubricant MotoGP
- Product certification (LSPro) for lubricant, commercial and industrial LPG;
- Formulation and blending lubricant in LOBP;
- Testing and quality analysis for NPT and retails lubricant;
- Proficiency testing for lubricant laboratory;
- One day seminar series LEMIGAS for Fuel, Biofuel, Aviation Fuel, Lubricant and LSPro.



03 Penyewaan Aset

- Lube Oil Blending Plant
- Warehouse

04 Tenaga Ahli

- Evaluator for Nomor Pelumas Terdaftar (NPT)
- Technical Committee for Bioenergy, Fuel and Lubricant
- Technical Committee for Proficiency Testing Lubricant Laboratory
- Auditor for Petroleum Product (Lubricant) Certification
- Consultant for Fuel Implementation and Lubricant Formulation
- Sampling Officer for Petroleum Product



Divisi Aplikasi Produk

**YOUR EXCELLENT PARTNER
IN OIL AND GAS**



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