

VERIFICATION STATEMENT

As an independent third-party

Control Union (Malaysia) Sdn. Bhd.
PORT TECH TOWER,
LEVEL 17, Unit, No: 1-7, Jalan Tiara 3, KU/1, Bandar Baru Klang,
Selangor Darul Ehsan, Malaysia

confirms to have verified that

NDPE IRF
(January – December 2024)

as published by

PT Musim Mas

Jl. K.L. Yos Sudarso
KM 7,8 Tanjung Mulia
Medan 20241
Sumatera Utara
Indonesia

A description of the methodology applied for the verification process is provided below

Attestation information

Verification code: CU2024MM
Place and date of issue: Malaysia, 23rd May 2025
Last date of Assessment: 25th April 2025
Lead Verifier: Azrul Anin

Declared by: Afiq Othman



On behalf of the Managing Director

Facilities included in the scope of this evaluation and corresponding IRF scores

No	Facility Name	Address	Latitude	Longitude
Refinery/ Facility				
1	AGRO MAKMUR RAYA - MADIDIR	Jl. Babe Palar No.91 Madidir II, Bitung, Indonesia	1.441940	125.166000
2	AGRO MAKMUR RAYA - BITUNG	Jl. Soekarno No.01 Kecamatan Maesa, Kelurahan Bitung Timur, Bitung, Indonesia	1.442160	125.194000
3	INDOKARYA INTERNUSA-PALEMBANG	Jl. Mayor Memet Sastrawirya RT.23 RW.01, Kelurahan Lawang Kidul, Kecamatan Ilir Timur II, 30116, Palembang, Sumatera Selatan, Indonesia	-2.978525	104.779061
4	INTI BENUA PERKASATAMA-LUBUK GAUNG	Jl. Cut Nyak Dien, Kelurahan Lubuk Gaung, Kecamatan Sungai Sembilan, Dumai Barat, Riau, Indonesia	1.748872	101.371094
5	INTI BENUA PERKASATAMA-PELABUHAN	Jl. Datuk Laksamana, Buluh Kasap - Dumai Timur, Dumai - 28814, Riau, Indonesia	1.685000	101.452500
6	MEGASURYA MAS-SURABAYA	Jl. Tambah Sawah 32, Waru Sidoarjo, Jawa Timur, Indonesia	-7.358575	112.776530
7	MIKIE OLEO NABATI INDUSTRI-BEKASI (MUSIM MAS - FUJI)	Jl. Raya Narogong KM.9, Bekasi,Jawa Barat, Indonesia	-6.304694	106.9858
8	MUSIM MAS-BATAM	Jl. Raya Pelabuhan CPO Kabil, Kabil-Nongsa, Indonesia	1.074570	104.134000

9	MUSIM MAS-BELAWAN	Jl. Sulawesi, Kawasan Pelabuhan Belawan, Belawan I, 20411, Medan, Sumatera Utara, Indonesia	3.782778	98.698390
10	KCP PANGKALAN LESUNG	Kelurahan Pangkalan Lesung, Kecamatan Pangkalan Lesung, Kabupaten Pelalawan, Riau, Indonesia	-0.050000	102.075000
11	MUSIM MAS-KIM 1	Jl Pulau Palu Kawasan Industri Medan Tahap I, Mabar, Medan, Sumatera Utara, Indonesia	3.660269	98.672909
12	MUSIM MAS-KIM 2	Jl. Oleo Kawasan Industri Medan II, Saentis Percut Sei Tuan, Deli Serdang, Medan, Sumatera Utara, Indonesia	3.671780	98.684100
13	KCP GUNTUNG IDAMAN NUSA	Desa Tanjung Simpang, Kecamatan Pelangiran, Indragiri Hilir, Riau, Indonesia	0.158889	103.286719
14	BERKAT SAWIT SEJATI-TANJUNG API API	Jl. Tanjung Api Api KM 12 Desa Gasing, Kecamatan Talang Kelapa, Kabupaten Banyuasin, Palembang, Sumatera Selatan, Indonesia	-2.831090	104.735659
15	SUKAJADI SAWIT MEKAR-BAGENDANG	Jl.HM Arsyad KM.24 Sampit Samuda, Desa Bagendang Hulu, Kecamatan Mentaya Hilir Utara, Kabupaten Kotawaringin Timur, Sampit, Kalimantan Tengah, Indonesia	-2.727222	112.918611
16	KCP SUKAJADI SAWIT MEKAR 1	Desa Seabi, Kecamatan Telawang, Kotawaringin Timur, Kalimantan Tengah, Indonesia	-2.378258	112.542356

17	WIRA INNO MAS-PADANG	Jl. Dumai I Kawasan Pelabuhan Teluk Bayur, Padang, Sumatera Barat, Indonesia	-0.995194	100.377978
18	MUSIM MASTIKA OIL & FATS	Jl. Nibong 5 Tanjung Langsat Industrial Complex PO BOX 11, 81707 Pasir Gudang, Johor, Malaysia	1.457522	103.986617
19	SOUTH INDIA KRISHNA OIL & FATS PVT. LTD.	Survey No. 275, 279, 280, 281, Epuru Bit-1B Pantapalem, Muthukur Mandal, Nellore - 524344, Andhra Pradesh, India	14.255561	80.047722
20	TVARUR OILS & FATS PVT. LTD.	Karuppur Village Via Adiyakkamangalam, Semangalam Post, Thiruvavarur District, Tamil Nadu - 611101, India	10.750864	79.680717
21	NORTH CONTINENTAL OILS & FATS VIETNAM	Nghi Son Economic Zone, Hai Ha Commune, Tinh Gia District, Thanh Hoa Province 456930 Thanh Hoa, Vietnam	19.323668	105.804015
22	MUSIM MAS (DONGGUAN) OILS & FATS INDUSTRIAL CO., LTD	Gangzhong Road, Xinsha Industrial Park, Machong Town, Dongguan, Guangdong Province, China	23.020833	113.5389
23	MUSIM MAS - MARTUBUNG 2	Jl. Platina III, Kelurahan Titipapan, Kecamatan Medan Deli, 20244, Sumatera Utara, Indonesia	3.68348	98.681652

Facilities excluded in the scope of this evaluation and corresponding IRF scores

No	Facility Name	Address	Latitude	Longitude
Refinery/ Facility				
1	MUSIM MAS (ZHENJIANG) OILS & FATS INDUSTRIAL CO., LTD.	Songlin Shan Road, Zhenjiang New Area, Zhenjiang City, Jiangsu, China	32.163747	119.618353
2	MUSIM MAS (TIANJIN) OILS & FATS CO., LTD.	288# Louhe Road, Lingang Economic Area	38.916347	117.786150
3	MASOL IBERIA BIOFUEL S.L.U. – FERROL	2º Fase Puerto Exterior Cabo Prioriño Chico, 15590 Ferrol, Spain	43.467744	-8.321683
4	MASOL IBERIA BIOFUEL S.L.U. – CASTELLÓN	Darsena Sur Pureto de Castellon (Grao) 114, 12100 Castellon de la Plana, Spain	39.948633	0.013272
5	MASOL CARTAGENA BIOFUEL S.L.U.	Ctra. Nacional 343 km 13 Izquierda. 3050 Muelle Suroeste Valle de Escombrearas Cartagena, Spain	37.561728	-0.960725

IRF Categories (%) per Facility

Facility name	Type	Unknown	Known	Awareness	Commitment and starting action	Progressing	Delivering
AGRO MAKMUR RAYA – MADIDIR	ND	0.0	0.0	0.0	0.0	0.0	100.0
	NP	0.0	0.0	0.0	0.0	0.0	100.0
AGRO MAKMUR RAYA – BITUNG	ND	0.0	0.0	0.0	0.0	0.0	100.0
	NP	0.0	0.0	0.0	0.0	0.0	100.0
INDOKARYA INTERNUSA – PALEMBANG	ND	0.0	0.0	0.0	0.2	0.0	99.8
	NP	0.0	0.0	0.0	0.2	0.6	99.2
INTI BENUA PERKASATAMA – LUBUK GAUNG	ND	0.0	0.0	0.0	0.4	0.0	99.6
	NP	0.0	0.0	0.0	0.5	0.0	99.5
INTI BENUA PERKASATAMA – PELABUHAN	ND	0.0	0.0	0.0	0.0	0.0	100.0
	NP	0.0	0.0	0.0	0.0	0.0	100.0
MEGASURYA MAS – SURABAYA	ND	0.0	0.0	0.0	0.2	0.0	99.8
	NP	0.0	0.0	0.0	0.0	0.0	100.0
MIKIE OLEO NABATI INDUSTRI – BEKASI (MUSIM MAS – FUJI)	ND	0.0	0.0	0.0	0.0	0.0	100.0
	NP	0.0	0.0	0.0	0.0	0.0	100.0
MUSIM MAS – BATAM	ND	0.0	0.0	0.0	0.0	0.0	100.0
	NP	0.0	0.0	0.0	0.0	0.0	100.0
MUSIM MAS – BELAWAN	ND	0.0	0.0	0.0	1.3	0.0	98.7
	NP	0.0	0.0	0.0	0.8	0.0	99.2
KCP PANGKALAN LESUNG	ND	0.0	0.0	0.0	0.0	0.0	100.0
	NP	0.0	0.0	0.0	0.0	0.0	100.0
MUSIM MAS – KIM 1	ND	0.0	0.0	0.0	0.1	0.0	99.9
	NP	0.0	0.0	0.0	0.0	0.0	100.0
MUSIM MAS – KIM 2	ND	0.0	0.0	0.0	3.8	0.0	96.2
	NP	0.0	0.0	0.0	3.6	0.0	96.4
KCP GUNTUNG IDAMAN NUSA	ND	0.0	0.0	0.0	0.0	0.0	100.0
	NP	0.0	0.0	0.0	0.0	0.0	100.0
BERKAT SAWIT SEJATI – TANJUNG API API	ND	0.0	0.0	0.0	0.2	0.0	99.8
	NP	0.0	0.0	0.0	0.2	0.0	99.8
SUKAJADI SAWIT MEKAR – BAGENDANG	ND	0.0	0.0	0.0	0.0	0.0	100.0
	NP	0.0	0.0	0.0	1.8	0.0	98.2
KCP SUKAJADI SAWIT MEKAR 1	ND	0.0	0.0	0.0	0.0	0.0	100.0
	NP	0.0	0.0	0.0	0.0	0.0	100.0
	ND	0.0	0.0	0.0	0.5	0.0	99.5

Facility name	Type	Unknown	Known	Awareness	Commitment and starting action	Progressing	Delivering
WIRA INNO MAS – PADANG	NP	0.0	0.0	0.0	0.5	0.0	99.5
MUSIM MASTIKA OIL & FATS	ND	0.0	0.0	0.0	9.1	0.0	90.9
	NP	0.0	0.0	0.0	9.1	0.0	90.9
SOUTH INDIA KRISHNA OIL & FATS PVT. LTD.	ND	0.0	2.5	0.0	0.4	1.2	95.9
	NP	0.0	2.5	0.0	0.4	1.5	95.7
TVARUR OILS & FATS PVT. LTD.	ND	0.0	0.0	0.0	0.0	0.0	100.0
	NP	0.0	0.0	0.0	0.0	1.0	99.0
NORTH CONTINENTAL OILS & FATS VIETNAM	ND	0.0	0.0	0.0	0.6	0.0	99.4
	NP	0.0	0.0	0.0	0.3	0.0	99.7
MUSIM MAS (DONGGUAN) OILS & FATS INDUSTRIAL CO., LTD.	ND	0.0	0.0	0.0	0.0	0.0	100.0
	NP	0.0	0.0	0.0	0.0	0.0	100.0
MUSIM MAS – MARTUBUNG 2	ND	0.0	0.0	0.0	3.8	0.0	96.2
	NP	0.0	0.0	0.0	3.6	0.0	96.4
MUSIM MAS (ZHENJIANG) OILS & FATS INDUSTRIAL CO., LTD.	Out of IRF scope						
MUSIM MAS (TIANJIN) OILS & FATS CO., LTD.	Out of IRF scope						
MASOL IBERIA BIOFUEL S.L.U. – FERROL	Out of IRF scope						
MASOL IBERIA BIOFUEL S.L.U. – CASTELLÓN	Out of IRF scope						
MASOL CARTAGENA BIOFUEL S.L.U.	Out of IRF scope						

Verification methodology IRF Data

Control Union's responsibility was to exclusively verify the accurateness and completeness of the IRF methodology and processes for the calculation of the IRF profiles for the facilities in the scope as presented by MUSIM MAS. Based on the information and evidence presented to Control Union, MUSIM MAS as the data aggregator has been verified and found compliant with the methodology detailed in the NDPE Data Verification Protocol Version November 2020."

Statement of Impartiality

The findings, conclusions, and recommendations presented in this verification report are based on an objective and impartial assessment of the evidence gathered during the verification process. The verification team has conducted this work free from any undue influence, conflicts of interest, or bias that could compromise the integrity of the results. All personnel involved in the verification process have adhered to the highest standards of professionalism, ethics, and independence. No external pressures, financial interests, or personal relationships have influenced the outcome of this verification. This report reflects an honest and accurate representation of the facts as observed and documented during the verification activities.

Attestation information

Verification code: CU2025MM

Place and date of issue: Malaysia, 23rd May 2025

Last date of Assessment: 25th April 2025

Lead Verifier: Azrul Anin

Declared by: Afiq Othman



On behalf of the Managing Director