Name of Laboratory

Initial Issue Date

Expired date

Issue Date

Address

: Laboratory of Southland Resources Co., Ltd. (Bangklam Branch) : 130 Moo 4, Sai-Asia Road, Tambon Thachang, Amphoe Bangklam,

Changwat Songkhla 90110

Accreditation Number: Testing - 0170 Contact Person : Mr. Supap Taveerat

Phone: 081-7668542

Fax:-

: 20th June 2018

: 5th July 2023

: 4th July 2027

E-mail: qmr.bj2@southlandholding.com

Standard : ISO/IEC 17025:2017

Reference No. : 0303/11113

Scope of Testing Laboratory Accreditation

Laboratory Name : Laboratory of Southland Resources Co., Ltd. (Bangklam Branch)

Address : 130 Moo 4, Sai-Asia Road, Tambon Thachang, Amphoe Bangklam,

Changwat Songkhla 90110

Accreditation Number : Testing - 0170

Laboratory Status : $oxed{oldsymbol{\square}}$ Permanent $oxed{\Box}$ Site $oxed{\Box}$ Temporary $oxed{\Box}$ Mobile

			•
Item	Test Material /	Test Item /	Test Method /
Number	Product	Range of Testing	Technique Used
1	Block rubber STR	- Dirt	Testing for Thai Rubber (STR), Rubber
		0.010 %w/w to 0.160 %w/w	Division, Department of Agriculture, 2018,
			p. 4-9
		- Ash	Testing for Thai Rubber (STR), Rubber
		0.10 %w/w to 0.80 %w/w	Division, Department of Agriculture, 2018,
			p. 10-12
		- Volatile matter	Testing for Thai Rubber (STR), Rubber
		0.10 %w/w to 0.80 %w/w	Division, Department of Agriculture, 2018,
			p. 13-15
		- Nitrogen	Testing for Thai Rubber (STR), Rubber
		0.10 %w/w to 0.60 %w/w	Division, Department of Agriculture, 2018,
			p. 16-20

Initial Issue Date 20th June 2018

Issue Number 3

Bureau of Laboratory Accreditation, Department of Science Service, Ministry of Higher Education, Science, Research and Innovation

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Scope of Testing Laboratory Accreditation

Laboratory Name : Laboratory of Southland Resources Co., Ltd. (Bangklam Branch)

Address : 130 Moo 4, Sai-Asia Road, Tambon Thachang, Amphoe Bangklam,

Changwat Songkhla 90110

Accreditation Number : Testing - 0170

Edboratory Status		: D remainent D site	- remporary - Mobile
Item	Test Material /	Test Item /	Test Method /
Number	Product	Range of Testing	Technique Used
1	Block rubber STR	- Rapid plasticity	Testing for Thai Rubber (STR), Rubber
(cont.)		30 to 50	Division, Department of Agriculture, 2018,
		- Plasticity retention index	p. 21-23
		50.0 to 90.0	
		- Mooney viscosity	Testing for Thai Rubber (STR), Rubber
		- Moorley viscosity	l resting for that hubber (51h), hubber
		60.0 ML (1+4) 100 °C to	Division, Department of Agriculture, 2018,
		95.0 ML (1+4) 100 ℃	p. 27-28
2	Mixtures rubber	- Dirt	In - house method : PM-QA-01-W02
		0.010 %w/w to 0.160 %w/w	based on Testing for Thai Rubber (STR),
			Rubber Division, Department of Agriculture,
			2018, p. 4-9
		- Ash	In - house method : PM-QA-01-W03
		0.10 %w/w to 0.80 %w/w	based on Testing for Thai Rubber (STR),
			Rubber Division, Department of Agriculture,
			2018, p. 10-12

Initial Issue Date 20th June 2018

Issue Number 3

Bureau of Laboratory Accreditation, Department of Science Service, Ministry of Higher Education, Science, Research and Innovation

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Scope of Testing Laboratory Accreditation

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Changwat Songkhla 90110

Accreditation Number : Testing - 0170

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Item	Test Material /	Test Item /	Test Method /
Number	Product	Range of Testing	Technique Used
2	Mixtures rubber	- Volatile matter	In - house method : PM-QA-01-W04
(cont.)		0.10 %w/w to 0.80 %w/w	based on Testing for Thai Rubber (STR),
			Rubber Division, Department of Agriculture,
			2018, p. 13-15
		- Nitrogen	In - house method : PM-QA-01-W05
		0.10 %w/w to 0.60 %w/w	based on Testing for Thai Rubber (STR),
			Rubber Division, Department of Agriculture,
			2018, p. 16-20
		- Rapid plasticity	In - house method : PM-QA-01-W06
		30 to 50	based on Testing for Thai Rubber (STR),
		- Plasticity retention index	Rubber Division, Department of Agriculture,
		50.0 to 90.0	2018, p. 21-23

Initial Issue Date 20th June 2018

Issue Number 3

Bureau of Laboratory Accreditation, Department of Science Service, Ministry of Higher Education, Science, Research and Innovation

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Changwat Songkhla 90110

Accreditation Number : Testing - 0170

Laboratory Status : lackimes Permanent \Box Site \Box Temporary \Box Mobile

Item	Test Material /	Test Item /	Test Method /
Number	Product	Range of Testing	Technique Used
2	Mixtures rubber	- Mooney viscosity	In - house method : PM-QA-01-W07
(cont.)		60.0 ML (1+4) 100 °C to	based on Testing for Thai Rubber (STR),
		95.0 ML (1+4) 100 °C	Rubber Division, Department of Agriculture,
			2018, p. 27-28

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