
Standard Setting Report

Thailand Forest Certification Council - TFCC

The Federation of Thai Industries



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1. Introduction

Since 2015, The Royal Thai Government and stakeholders have proposed to perform sustainable forest plantation management and stimulate economically competitive mechanism for forest based products. Thai Industrial Standards Institute (TISI) has nationally established the Sustainable Forest Plantation Management - Requirements (SFM standard) and Chain of Custody of Forest based Products Management – Requirements (CoC standard), functioning as Standardizing Body (SB).

In Thailand, F.T.I. (The Federation of Thai Industries) administers the PEFC scheme on behalf of the PEFC Council's as PEFC authorised body. TFCC (Thailand Forest Certification Council) acts as both an authorized body of F.T.I. in order to administers PEFC scheme and a focal point of Institute of Agro-based Industries (I.A.I) to empower all stakeholders and support establishment of the national sustainable forest plantation management and chain of custody standard meet with the international benchmark together with acknowledgement and implementation of the international management system.

TFCC requires that forest management and chain of Custody certifications shall be carried out by certification bodies who are accredited by accreditation bodies that are signatories of the Multilateral Recognition Arrangement (MLA) of IAF or IAF's Regional Accreditation Groups such as European co-operation for Accreditation (EA), Interamerican Accreditation Cooperation (IAAC), Pacific Accreditation Cooperation (PAC) and Southern African Development Community in Accreditation (SADCA) which The National Accreditation Council of Thailand – NAC is the AB who is signatory of IAF.

2. Abbreviation in this report

AB	Accreditation Body
CB	Certification Body
CoC	Chain of Custody
DWG	Drafting Working Group
FIO	Forest Industry Organization
IAF	International Accreditation Forum
ISO	International Standardisation Organization
NGO	Non-Governmental Organisation
PEFC	Programme for Endorsement of Forest Certification

SB	Standardizing Body
SFM	Sustainable Forest Plantation Management
SC 4	Technical Subcommittee 4
TC 59	Technical Committee 59 (Environmental Management System)
TC 915	Technical Committee 915 (Sustainable Forest Management System)
TFCC	Thailand Forest Certification Council
TISI	Thai Industrial Standards Institute
TIS	Thai Industrial Standards

3. Scope of this report

This report is based on the requirement of the TISI and TFCC Work Instructions;

- TISI(St)-P-VS-01, the Standard Setting Procedure
- TISI(St)-W-TC-01, Work Instruction for the Notification and Review of Technical Committee Members
- TISI(St)-W-DR-01, Work Instruction of Standard Drafting Process
- TISI(St)-W-GZ-01, Work Instruction of Standard Announcement Process and;
- TFCC Standard Setting Procedure (TFCC PD 006).

The scope of the standard development and standard setting activities are focused on the development of FM and CoC standards, which are modified by the PEFC International Standards, PEFC ST 1003 Sustainable Forest Management – Requirements and PEFC ST 2002 Chain of Custody of Forest Based Products – Requirements. Standard setting process is in lined with PEFC ST 1001 Standard Setting - Requirements.

The standard setting process is based on and governed by TISI procedures and shall be open, transparent and consensus based.

The structure of the TISI documented information shows in Annex 1.

4. Governance of the standard setting process

4.1 Minister

The Industrial Product Council is on the pathway of Industrial Products Standards Approval for being adopted by the Minister of Industry.

4.2 The Industrial Product Council

The Industrial Product Council is established by the Minister of Industry, according to the Industrial Products Standards Act, B.E. 2511 (1968) in ministerial level beyond TISI responsible function.

4.3 The Technical Committee

TISI shall establish TC with the balanced representatives, based on received nominations and review the standard setting process and based on comments and recommendations from the technical meeting.

According to the Report of Forestry Stakeholder Mapping in Thailand by EU FLEGT Facility, European Forest Institute and the Royal Thai Government, dated on January 2013, TC is established by concerning the key stakeholders of social, environmental and economic interests. Therefore, TC consists of representatives, following to 5 stakeholder categories:

- Forestry-related industry associations/ federation
- Forestry-related private sector
- Government agencies
- Forest-planting groups/individuals and workers
- Civil society/NGOs involved in forest-related issues

There are 2 TC groups, involved with standards of SFM (TIS 14061) and CoC (TIS 2861),

1. TC 915 (Sustainable Forest Plantation Management System) developed TIS 14061 in the context of sustainable forest plantation management, established in 1997 and revised in 2003.

2. TC 59 (Environmental Management System) developed TIS 2861 in the context of Chain of Custody of Forest based Products Management, established in 2015.

TC 915 authorities and responsibilities as following:

- To formulate related standards of Sustainable Forest Plantation Management.
- To investigate the recommendations of draft international standards, involved with related standards.
- To work on other academic issues within 2013
- TC 915 was replaced by TC 59 in 2015, at that time the SFM standard was finished.

In year 2013, TISI revised all TC and reestablished 67 TC for considering the standard draft, developing Thai standard according international standard, preparing and supporting standard development and working on any other academic issues. Soon after that, TC 915 and TC 907 were gathered and have reformed to TC 59 “Environmental management system” in present.

TC 59 authorities and responsibilities as following:

- To formulate related standards of Environment and Forest Management.
- To be considered ISO standards as ISO/TC 207 environmental management, ISO/PC 287 chain of custody of wood and wood-based products, ISO/TC 297 waste management recycling and road operation service.
- To work on other academic issues.

4.4 The Technical subcommittee 4

SC 4 are established by TISI based on stakeholder categories as same as mentioned in TC 915 to review the requirements of Sustainable Forest Plantation Management Standard for submitting to TC 915 and draft Chain of Custody of Forest based Products for submitting to TC 59. In addition, SC 4 has to work on any other academic issues that were assigned by TC 915 and TC 59.

4.5 Drafting working group

DWG was assigned by the mutual agreement of “Thailand Certification System Approach for Sustainable Forest Management Meeting”, dated on 13 January 2015. According to stakeholder’s requirements and the balance of sustainable economic, social and environmental development in country, TISI and FIO signed Memorandum of Understanding (MoU) to cooperate for standard setting process, dated on 21 November 2014. DWG members were invited from various stakeholders in order to brainstorm and draft the standard revision.

5. Description of the standard setting process

5.1 TIS 14061 standard setting process

Standard setting stage		Responsibility
Preparatory stage January - July 2015	Stakeholder meeting “Thailand Certification System Approach for Sustainable Forest Management”	TISI
	TC 915 Meeting “Sustainable Forest Management System Standard”	TISI
	Review TC 915	TISI
	Stakeholder mapping	TISI
	Establish DWG	TISI, FIO
	Public announcement for standard	TISI

	setting process on TISI website	
	Public seminar to develop Thailand Forest Certification Scheme	TISI
	Establish SC 4	TISI
Development of a draft standard stage April 2015 – February 2016	Draft standard meeting	FIO
	Consideration of Standard draft	TISI
	Public seminar	TISI
Public consultation stage February – April 2016	Public consultation	TISI
Consensus-building on the final draft 21 April 2016	Consensus building by TC 915	TISI
Approval stage July - August 2016	Industrial Product council recommendation/ approval	TISI
	Minister signed	Ministry of Industry
Publication stage 10 November 2016	Standard Publication	Royal Thai Government Gazette
Standard testing August –September 2017	Testing of TIS 14061	TFCC

Summary of the TIS 14061 standard setting process

- DWG meetings for 5 times, reported by minute meetings (as shown in Annex 10, 1.1).
- SC 4 meetings for 6 times, reported by minute meetings (as shown in Annex 10, 1.2).
- TC 915 meetings for 6 times, reported by minute meetings (as shown in Annex 10, 1.3).
- Enquiry draft of the standard was discussed in 2 public seminars in November 2015 and January 2016. In addition, enquiry drafts were announced to TISI website to receive the comments and recommendations. TIS 14061 was considered in the public consultation in March 2016 and submitted to TC 915 meeting in April 2016 for consensus building to final standard draft. All comments and recommendations shall be considered by TC (as shown in Annex 10, 1.4).
- TIS 14061 was approved by Industrial Product Council in July and signed by Minister in August 2016. Finally, TIS 14061 was announced in Royal Thai Government Gazette in November 2016.

- TIS 14061 was in standard testing process in August to September 2017 by TFCC. The standard testing results shall be considered by TISI and TFCC (as shown in Annex 10, 1.4).

- TISI and TFCC have not received any complaints, relating to the standard setting process (as shown in Annex 10, 1.4).

5.2 TIS 2861 standard setting process

Standard setting stage		Responsibility
Preparatory stage January – November 2015	Stakeholder meeting “Thailand Certification System Approach for Sustainable Forest Management”	TISI
	Stakeholder mapping	TISI
	Establish SC 4	TISI
	Establish TC 59	TISI
	Public announcement for standard setting process on TISI website	TISI
	Public seminar to formalizing the Thai Forest Certification Scheme and a review of National SFM Standard	TISI
Development of a draft standard stage September 2016 – June 2017	Consideration of Standard draft	TISI
Public consultation stage June – August 2017	Public consultation	TISI
Consensus-building on the final draft August 2017	Consensus building by TC 59	TISI
Standard testing September 2017	TIS 2861 Testing	TFCC
Approval stage September 2017	Industrial Product Council recommendation/ approval	TISI
	Minister signed	Ministry of Industry
Publication stage	Standard Publication	Royal Thai Government Gazette

Summary of the TIS 2861 standard setting process

- SC 4 meetings for 9 times, reported by minute meetings (as shown in Annex 10, 2.1).
- TC 59 meetings for 5 times, reported by minute meetings (as shown in Annex 10, 2.2).
- Enquiry drafts of the standard were discussed in the public consultation in July 2017. In addition, the enquiry drafts were announced to TISI website to receive the comments and recommendations. Then submitted to TC 59 meeting in August 2017 for consensus building. All comments and recommendations shall be considered by TC (as shown in Annex 10, 2.3).
- The standard draft of TIS 2861 was in standard testing process in September 2017 by TFCC. The standard testing results shall be considered by TISI and TFCC (as shown in Annex 10, 2.3).
- TISI and TFCC have not received any complaints, relating to the standard setting process (as shown in Annex 10, 2.3).
- TIS 2861 was approved by Industrial Council in September 2017 and submitted to Ministry for signature and then announce in Royal Thai Government Gazette.

5.3 Standard Setting Process

The process details divided into six phases as presented below:

Phase 1: Preparatory stage

Purpose	Activities	Outputs
To identify stakeholders, announce the process, set up the standardization committee (SFM: January – July 2015, CoC: January – November 2015)	<ul style="list-style-type: none">● Stakeholder meeting “Thailand Certification System Approach for Sustainable Forest Management”● Stakeholder mapping● Establish of Standardisation Committee● Announcement of the standard development	Stakeholders mapping table The Standard Committee

- **Stakeholder meeting “Thailand Certification System Approach for Sustainable Forest Management”**

There were 16 stakeholders participated to this meeting on 13 January 2015 to discuss about guideline of standard setting and forest certification process in Thailand and to plan for economic strategy and trade for market access.

To increase the potential of international trade, Thailand shall perform SFM and CoC standards for international acceptance. As mutual agreement in the meeting, Thailand standards shall compromise with PEFC, so TISI made decision to establish SFM and CoC standards by following to PEFC requirements. The participants agreed with FIO to draft the standard.

- **Stakeholder mapping**

According to TC 915 meeting dated on 16 February 2015, the meeting resolution NO.4 suggested to communicate standard setting process and information for all stakeholders for knowing and participating to standard setting process. Due to Thailand had done stakeholder mapping by European Union and the Royal Thai Government (RTG) on Forest Law Enforcement, Governance and Trade (FLEGT) in 2013 as shows in Report of Forestry Stakeholder Mapping in Thailand (Annex 9, 1.4 and 2.3), therefore the stakeholder mapping in this standard follow by FLEGT.

This forestry stakeholder mapping correlated with stakeholder groups that defined by Agenda 21 of the United Nations Conference on Environment and Development (UNCED) in 1992. Five stakeholder categories by FLEGT can compare with 9 stakeholder categories of UNCED as following:

(1) forestry-related industry associations/federation: the association or federation that involve with forest. This category can classify into various UNCED stakeholder categories as a) business and industry, g) scientific and technological community and i) worker and trade union

(2) forestry-related private sector: this category includes all types of companies dealing with timber and timber products, from imports to exports and domestic transactions. It may classify as the category of a) business and industry in UNCED.

(3) government agencies: the government agencies consist of the state enterprise and government agencies involved in the forest sector. This category may be equivalent to e) local authorities in UNCED.

(4) forest-planting groups/individuals and workers: private forest plantation cooperatives, independent forest plantation owners, workers in the forest and workers in wood-processing industries are generally covered by 1998 Labour Protection Act (as amended 2008). These categories are equivalent to c) forest owners and i) workers and unions in UNCED.

(5) civil society/NGOs involved in forestry issues: there are universities offering courses on forestry, natural resources and/or the environment, forest- or conservation-related Thai NGOs, international NGOs, multilateral organisations, development partner organisations, local villagers and refugees from neighboring countries living on or nearby the forest. These categories can be identified to d) indigenous people f) NGOs and g) scientific and technological community in UNCED. Basically, most indigenous people live within Thailand borders in which the Royal Thai Government establishes the living zone for traditional life-being. In general, Thai indigenous people are farmers, living in land allocation of the Royal Thai Government does not have the land tenure and activities in terms of forest plantation management system. However, some new indigenous people work outside with labors or workers within the community and urban areas. It shows that the minority group do have the rights and equity as same as all Thais, beneath to the Labor Acts of the Kingdom of Thailand.

Remark: Although some stakeholder categories as b) children and youth and h) woman are not classified in any categories, but the stakeholder categories by FLEGT has gender equity with woman representatives in all five categories.

On 23 February 2015, TC secretariat and PEFC coordinator considered forestry stakeholder mapping in Thailand from FLEGT by compare to TC 915. For 5 categories of stakeholder mapping in Thailand, it found that both TC 915 members had the categories of government agencies mostly. Therefore, TISI designed to invite more stakeholders, so TC 59, SC 4 and DWG establishments had more various stakeholders, participated into several meetings and seminars.

The number of stakeholder categories for TC 59, TC 915, SC 4 and DWG as stakeholder mapping in Thailand are shown in Annex 2.

The number of stakeholder categories in SFM (TIS 14061) meetings and events as stakeholder mapping in Thailand are shown in Annex 3.

The number of stakeholder categories in CoC (TIS 2861) meetings and events as stakeholder mapping in Thailand are shown in Annex 4.

- **Establishment of the Standardisation Committee**

TISI invites the representatives from various stakeholders who are expertise in fields of economic, social and environmental sectors to be the committee for standard setting. The standardization committees were categorized into 4 teams; DWG SC 4, TC 915 and TC 95.

The standardization committee consisted of 55 members that represented 33 organizations with categories into 5 groups:

- Forestry-related industry associations/ federation
- Forestry-related private sector
- Government agencies
- Forest-planting groups/individuals and workers
- Civil society/NGOs involved in forestry issues

The composition of the standardization committee as well as its representation can be found in Annex 5 in this report.

● **Public announcement**

TIS 14061 standard revision and standard setting process were announced on 27 March 2015 in TISI website (www.tisi.go.th) to inform and get comments from the stakeholder relies on standard revision and standard setting process and invite key stakeholders to participate in public seminar “Developing the Thai Forestry Certification Scheme with a review of National SFM Standard” for discussion of standard revision and standard setting process on 31 March 2015 (as shown in Annex 10, 1.4.3).

The TIS 2861 standard was announce in website (<http://digital.forest.ku.ac.th/TFCC>) for the public seminar “Formalising the Thai Forestry Certification Scheme and Review of the National SFM Standard” on 13 November 2015 (as shown in Annex 10, 2.3.3). This public seminar mentioned CoC will be modified from PEFC CoC standard with the same standard setting process as TIS 14061.

Phase 2: Develop of a draft standard stage

Purpose	Activities	Outputs
To prepare first draft. To review and consider first draft. (SFM: April 2015 – February 2016, CoC: September 2016 – June 2017)	<ul style="list-style-type: none"> ● Draft standard meeting <ul style="list-style-type: none"> - TIS 14061 Standardisation Committee met 18 times to revise the standard of SFM - TIS 2861 Standardisation Committee met 14 times to revise the standard of CoC ● Public seminar 	First drafts Enquiry drafts

- **Preparation of first draft standards**

DWG prepared first drafts of the standard scheme for TIS 14061 from April to August 2015 and submitted to TISI on 24 August 2015.

- **To review and consider of first draft standards**

SC4 and TC915 reviewed and considered of first draft transfer to enquiry draft of TIS 14061 from September 2015 to February 2016.

SC4 and TC95 reviewed and considered of first draft transfer to enquiry draft of TIS 2861 from September 2016 to August 2017.

Summary of the Standardisation Committee meeting

- **Standardisation Committees for TIS 14061** consist of 3 groups as following,

- DWG
- SC 4
- TC 915

DWG and SC 4 have established to support TC 915 with drafting TIS 14061 and the consideration of standard criteria.

DWG was established on 13 March 2015, followed the Memorandum of Understanding (MoU) between TISI and FIO. TISI announced to revise the standard on website <https://www.tisi.go.th/> on 27 March 2015, asking for stakeholder comments on standard criteria and setting process. In addition, there was public seminar in topic of "Developing Thailand Forest Certification Scheme with a review of the National SFM Standard" conduct on 31 March 2015 at Faculty of Forestry, Kasetsart University with participation of key stakeholders including PEFC. DWG had five time - meetings; on 22 April 2015, 14 May 2015, 2 June 2015, 19 June 2015 and 26 June 2015 and submitted the draft standard criteria to TISI on 24 August 2015 (as shown in Annex 10, 1.1). The list of DWG members is shown in Annex 6 in this report.

SC 4 has established since 8 July 2015, their first meeting was on 4 August 2015 and received first draft from FIO on 24 August 2015. SC 4 had six times - meetings for consideration of the first draft; on 4 August 2015, 28 September 2015, 7 October 2015, 19 October 2015, 2 November 2015

and 4 November 2015 (as shown in Annex 10, 1.2). The standard draft was mentioned in public seminar "Formalising Thai Forestry Certification Scheme and a review of the National SFM Standard", conducted on 13 November 2015 at Faculty of Forestry, Kasetsart University (as shown in Annex 10, 1.4). The list of SC 4 members informs in Annex 7 in this report.

After SC 4 considering and developing the first draft of TIS 14061 from FIO, the standard draft was submitted to TC 915.

TC 915 had six times - meetings in order to get enquiry draft, and then the enquiry draft would be preceded to the public consultant stage. TC 915 discussed and reviewed of the draft standard and considered the technical vocabularies. Six meetings were conducted on 16 February 2015, 30 March 2015, 22 December 2015, 26 January 2016, 9 February 2016 and 21 April 2016 (as shown in Annex 10, 1.3). The list of TC 915 is shown in Annex 8 in this report.

- **Standardisation Committees for TIS 2861** consist of 2 groups as following,
 - SC 4
 - TC 59

SC 4 has established since 8 July 2015 and revised on 3 October 2016. Mostly, SC 4 acts as TIS 2861 drafting standard with nine times - meetings; on 13 September 2016, 4 October 2016, 13 October 2016, 28 October 2016, 29 November 2016, 27 December 2016, 10 January 2017, 1 February 2017 and 23 February 2017 (as shown in Annex 10, 2.1).

After SC 4 finished drafted TIS 2861 standard, the standard draft was submitted to TC 59.

TC 59 had five times - meetings in order to get enquiry draft before proceeding to the public consultant stage. TC 59 discussed and revised the draft standard with the technical vocabularies. Five meeting were conducted on 9 May 2017, 29 May 2017, 7 June 2017, 30 June 2017 and 8 August 2017 (as shown in Annex 10, 2.2). The list of TC 915 is shown in Annex 9 in this report.

- **The public seminar**

The first public seminar of TIS 14061

The standard draft from DWG and SC 4 was mentioned in public seminar "Formalising Thai Forestry Certification Scheme and a review of the National SFM Standard", conducted on 13 November 2015 at Faculty of Forestry, Kasetsart University. There were 57 stakeholders, including PEFC participated to this seminar. The agenda of this public seminar was following.

- Update of PEFC International
- Status of Certification scheme in Thailand including a new road for the NGB and plan for nomination the board and members
- Update on SFM and CoC standard
- Nominations of the council
- Pledges of Support from potential members and service providers

This public seminar was announced by letter, e-mail invitation and website <http://digital.forest.ku.ac.th/TFCC> for stakeholder access on 3 November 2015 (as shown in Annex 10, 1.4.4).

The second public seminar of TIS 14061

The second public seminar was conducted on 5 January 2016 at Faculty of Forestry, Kasetsart University. There were 105 stakeholders attended this seminar, including all involved organisations. F.T.I. was voted to be the NGB in Thailand for the final results. The agenda of this public seminar as following,

- Progressive meeting and prepare for the implementation of a Thailand Forest certification system
- Update TIS 14061
- Update RFD
- Update F.T.I
- Update ROAT
- Guidelines and summary execution for NGB

The seminar was announced by letter, e-mail invitation and <http://digital.forest.ku.ac.th> on 17 December 2015 (as shown in Annex 10, 1.4.5).

Phase 3: Public consultation Stage

Purpose	Activities	Outputs
To consult enquiry draft with stakeholders (SFM: November 2015 – March 2016, CoC: June – August 2017)	<ul style="list-style-type: none"> ● Announce on TISI's website for comment the TIS 14061 draft on 29 February – 20 April 2016 ● TIS 14061 Public consultation on 17 March 2016 	Stakeholder's comments

	<ul style="list-style-type: none"> ● Announce on TISI's website for comment the TIS 2861 draft on 27 June – 31 August 2017 ● TIS 2861 Public consultation on 26 July 2017 	
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The public consultation for TIS 14061

- The enquiry draft was publicised since 29 February to 21 April 2016 on TISI's website

During public consultation on website for the effective way to reach stakeholders including disadvantage stakeholders, TISI conducted public consultation seminar on 17 March 2016 at the Berkeley Hotel, Pratunam, Bangkok (as shown in Annex 10, 1.4.6).

- The announcement was done by letter, e-mail invitation and TISI website (<https://www.tisi.go.th/>) on 29 February 2016.

- There were 150 participants from 55 organisations which attended this public consultation.

- During the public consultation on TISI website until 20 April 2016, TISI has received 27 comments (as shown in minute meeting of TC 915 on 21 April 2016, Annex 10, 1.3, 1.3.7) and the results of the public consultation are as following,

- 34% absolutely agree,
- 51% agree with comments,
- 11% abstain
- 0% disagree.

The public consultation for TIS 2861

- The enquiry draft was publicised since 27 June to 31 August 2017 on TISI's website

During public consultation on website for the effective way to reach stakeholders including disadvantage stakeholders, TISI conducted public consultation seminar on 26 July 2017 at Jupiter Room 14, Challenge Building, IMPACT, Bangkok (as shown in Annex 10, 2.3.4).

- The announcement was done by letter, e-mail invitation and TISI website (pr.tisi.go.th).

- There were 61 participants from 40 organisations attended this public consultation.
- During 17 July to 4 August 2017, TISI had received 25 comments (as shows in minute of TC 59 meeting on 8 August 2017, Annex 10, 2.2, 2.2.5), and the results of the public consultation are as following,

- 36% absolutely agree,
- 60% agree with comments,
- 4% disagree. (1 organisation for WWF)

In addition, TISI allowed stakeholders to submit their comments until 31 August 2017 in all channels, but there were no more comments.

Phase 4: Consensus-building on the final draft

Purpose	Activities	Outputs
To consensus building the standard draft (SFM: 21 April 2016, CoC: 8 Aug 2017)	<ul style="list-style-type: none"> • TIS 14061 consensus building by TC 915 • TIS 2861 consensus building by TC 59 	Final draft

The technical committee considered all comments , revise to final draft and submit to Industrial Product Council.

TIS 14061 was approved by Industrial Council on 21 April 2016.

TIS 2861 was approved by Industrial Council on 15 September 2017.

Phase 5: Testing Stage

Purpose	Activities	Outputs
To test the standard (SFM: August to September 2017, CoC: September 2017)	<ul style="list-style-type: none"> • To test auditability and reliability of the TIS 14061, TIS 2861 • To verify TIS 14061 and TIS 2861 standard compliance with the PEFC Council requirements 	Standard testing report Recommendations for TC

TIS 14061 and TIS 2861 Standard testing

- TFCC carried out the standard testing for TIS 14061 on 31 August to 7 September 2017 in four plantations with three main economic tree species in Thailand, and TIS 2861 tested on 7-8 September 2017 in two manufacturers. The plantations and manufacturers were audited by certification bodies (CB) as mock-up process.

- TISI acted as Standardsing Body (SB) and Department of Royal Forest (government representative) observed these standard testing.

The results and recommendations of standard testing were considered by TFCC committees before submitting to TISI on 26 September 2017 (as shown in Annex 10, 1.4.7).

- In summary, there was no comment on standard indicators, but there were some suggestions that some unclear definitions should be clarified in standard manual process.

Phase 6: Approval Stage

Purpose	Activities	Outputs
To formally approve the requirements (SFM: July to August 2016, CoC: September 2017)	<ul style="list-style-type: none">● The Industrial Product Council approve TIS 14061● The Minister of Industrial Ministry approve TIS 14061	

After final draft of standard revised by technical committee, the final draft was submitted to Industrial Product Council.

The Industrial Product Council approved TIS 14061 on 29 July 2016 and TIS 2861 on 15 September 2017 and then submitted to Industrial Ministry.

Finally, TIS 14061 was approved by Minister of Industry on 19 August 2016 while TIS 2861 is in process without any revision of approved version.

Phase 7: Publication Stage

Purpose	Activities	Outputs
To make the standard publicly available (SFM: November 2016, CoC: in process)	<ul style="list-style-type: none">● To publish the TIS 14061	TIS 14061 published

TIS 14061 standard was published by the Royal Thai Government Gazette on 10 November 2016.

The TIS 2861 standard is in process.

TIS 14061 Standard setting timetable

		2015												2016											
		I			II			III			IV			I			II			III			IV		
Preparatory stage	Establish technical committee 915 (year 1997)																								
	Stakeholder meeting "Thailand Certification System Approach for Sustainable Forest Management"	■																							
	Stakeholder mapping		■																						
	Establish drafting working group			■																					
	Public announcement for develop standard			■																					
	Public seminar to prepare the standard development			■																					
	Establish technical subcommittee 4							■																	
Development of a draft standard stage	Draft standard meeting				■	■	■	■	■	■	■	■	■	■											
	Public seminar											■		■											
Public consultation stage														■	■	■									
Consensus-building on the final draft stage																■									
Approval stage	Industrial Product council approval																			■					
	Minister approval																				■				
Publication stage Publication of the scheme document																							■		
Standard testing stage Testing of TIS 14061(August to September 2017)																									

TIS 2861 Standard setting timetable

		2016												2017											
		I			II			III			IV			I			II			III			IV		
Preparatory stage (every process in preparatory stage were done in A.D. 2015)	Stakeholder meeting "Thailand Certification System Approach for Sustainable Forest Management"																								
	Stakeholder mapping																								
	Establish technical subcommittee 4																								
	Establish technical committee 59																								
	Public announce for standard setting																								
	Public seminar to formalizing standard																								
Development of a draft standard stage																									
Draft standard meeting																									
Public consultation stage																									
Consensus-building on the final draft stage																									
Standard testing stage																									
Testing of TIS 2861																									
Approval stage	Industrial Product council approval																								
	Minister approval (in processing)																								
Publication stage (in processing)																									
Publication of the scheme document																									

Annex 1: TISI documentations involved standard setting

TISI Statutes	The Industrial Products Standards Act, B.E. 2511 (1968)
	The Regulations of the Office of Prime Minister on Procurement 2 nd edition, B.E. 2548 (2005)
TISI(St)-P-VS-01	the Standard Setting Procedure
TISI(St)-R-CM-01	Operation Manual of Technical Committee
TISI(St)-W-TC-01	Work Instruction for the Notification and Review of Technical Committee Members
TISI(St)-W-DR-01	Work Instruction of Standard Drafting Process
TISI(St)-W-GZ-01	Work Instruction of Standard Announcement Process
TISI(St)-W-RV-01	Work Instruction for the Notification and Review of National Standards
PSY-DC02-01	Record Control

Annex 2: The number of stakeholder categories in TC 59, TC 915, SC 4 and DWG as forestry stakeholder mapping in Thailand

Key Stakeholder	TC 59	TC 915	SC 4	DWG
1.Forestry-related industry associations/ federation	3	3	1	1
2.Forestry-related private sector	0	1	2	1
3.Government agencies	7	12	4	4
4.Forest-planting groups/individuals and workers	0	2	1	3
5.Civil society/NGOs involved in forestry issues	5	4	1	5
Total	15	22	9	14

Annex 3: The number of stakeholder categories in SFM (TIS 14061) meeting and events as forestry stakeholder mapping in Thailand

Events	Dates	Stakeholder Categories					
		Forestry-related industry associations/federation	Forestry-related private sector	Government agencies	Forest-planting group/individuals and workers	Civil society/NGOs involved in forestry	Total
1.Establish TC 915 ^(1.3.1)	4 May 1997	3	0	9	0	3	15
2.Add members of TC 915 ^(1.3.2)	17 Sep 1997	3	1	9	1	3	17
3..Add members of TC 915 ^(1.3.3)	13 Oct 2003	3	1	12	2	4	22
4.MoU of TISI and FIO for standard setting cooperation ^(1.1.1)	21 Nov 2014						
5.Stakeholder meeting “Thailand Certification System Approach for Sustainable Forest Management” ^(1.4.1)	13 Jan 2015	1	2	12	0	1	16
6.TC 915 Meeting ^(1.3.4)	16 Feb 2015	3	3	13	1	2	22
7.Stakeholder mapping ^(1.4.1)	23 Feb 2015						
8.Establish DWG for draft standard ^(1.1.2)	13 Mar 2015	1	1	4	3	5	14
9.Announce on website for Developing Thailand Forest Certification Scheme with a review of the National SFM Standard ^(1.4.3)	27 Mar 2015						
10.TC 915 Meeting ^(1.3.5)	30 Mar 2015	2	1	9	1	4	17
11.Public seminar “Developing Thailand Forest Certification Scheme with a review of the National SFM Standard” ^(1.4.3)	31 Mar 2015	2	12	5	3	14	36
12.DWG meeting “SFM Standard (Draft)” ^(1.1.3)	22 Apr 2015	1	1	4	3	4	13
13.DWG meeting “SFM Standard (Draft)” ^(1.1.4)	14 May 2015	0	1	5	2	3	11
14.DWG meeting “SFM Standard (Draft)” ^(1.1.5)	2 Jun 2015	1	0	3	2	4	10
15.DWG meeting “SFM Standard (Draft)” ^(1.1.6)	19 Jun 2015	0	0	6	2	2	10
16.DWG meeting “SFM Standard (Draft)” ^(1.1.7)	26 Jun 2015	0	0	6	2	4	12
17.Establish SC 4 ^(1.2.1)	8 Jul 2015	1	1	5	0	1	8
18.SC 4 meeting ^(1.2.2)	4 Aug 2015	2	1	4	1	2	10
19.FIO submit SFM draft standard to TISI ^(1.4.4)	24 Aug 2015						
20.SC 4 meeting ^(1.2.3)	28 Sep 2015	2	3	2	1	1	9

21.SC 4 meeting ^(1.2.4)	7 Oct 2015	2	2	4	0	1	9
22.SC 4 meeting ^(1.2.5)	19 Oct 2015	2	2	3	1	0	8
23.SC 4 meeting ^(1.2.6)	2 Nov 2015	1	3	4	0	2	10
24.SC 4 meeting ^(1.2.7)	4 Nov 2015	1	1	2	0	1	5
25.Public seminar "Formalising the Thai Forestry Certification Scheme and a review of the National SFM Standard" ^(1.4.5)	13 Nov 2015	7	21	10	4	15	57
26.TC 915 meeting ^(1.3.6)	22 Dec 2015	2	3	6	2	2	15
27.Stakeholder Public Seminar "The preparation of the structural system for forest certification in Thailand" ^(1.4.6)	5 Jan 2016	9	46	19	9	22	105
28.Add members of SC 4 ^(1.2.8)	26 Jan 2016	1	2	5	0	1	9
29.TC 915 meeting ^(1.3.7)	26 Jan 2016	2	2	5	3	3	15
30.TC 915 meeting ^(1.3.8)	9 Feb 2016	2	1	6	1	2	12
31.Announce on website for comment the standard ^(1.4.7)	29 Feb 2016						
32.Public consultation "SFM Standard TIS.14061" ^(1.4.7)	17 Mar 2016	12	63	34	19	22	150
33.TC 915 meeting ^(1.3.9)	21 Apr 2016	3	1	5	2	2	13
34.Industrial Product council ^(1.4.8)	29 Jul 2016						
35.Minister sign ^(1.4.8)	19 Aug 2016						
36.Revision SC 4 ^(1.2.9)	3 Oct 2016	1	2	4	1	1	9
37.Announce in Gazette ^(1.4.9)	10 Nov 2016						
38.Standard testing project ^(1.4.10)	31 Aug- 7 Sep 2017						
39.TFCC board meeting "Standard testing result" ^(1.4.11)	26 Sep 17	5	2	5	0	7	19

Remark All events see more information in Annex 10

Annex 4: The number of stakeholder categories in CoC (TIS 2861) meeting and events as forestry stakeholder mapping in Thailand

Events	Dates	Stakeholder Categories					
		Forestry-related industry associations/federation	Forestry-related private sector	Government agencies	Forest-planting group/individuals and workers	Civil society/NGOs involved in forestry	Total
1.Stakeholder meeting “Thailand Certification System Approach for Sustainable Forest Management” ^(2.3.2)	13 Jan 2015	1	2	12	0	1	16
2.Stakeholder mapping ^(2.3.1)	23 Feb 2015						
3.Establish SC 4 ^(2.1.1)	8 Jul 2015	1	1	5	0	1	8
4.Public seminar “Formalising the Thai Forestry Certification Scheme and a review of the National SFM Standard” ^(2.3.3)	13 Nov 2015	7	21	10	4	15	57
5.Establish TC 59 ^(2.2.1)	16 Nov 2015	3	0	7	0	5	15
6.SC 4 meeting ^(2.1.2)	13 Sep 2016	1	1	4	0	0	6
7.Revision SC 4 ^(2.1.3)	3 Oct 2016	1	2	4	1	1	9
8.SC 4 meeting ^(2.1.4)	4 Oct 2016	0	2	5	0	0	7
9.SC 4 meeting ^(2.1.5)	13 Oct 2016	1	3	4	0	0	8
10.SC 4 meeting ^(2.1.6)	28 Oct 2016	2	1	3	0	0	6
11.SC 4 meeting ^(2.1.7)	29 Nov 2016	1	2	3	0	0	6
12.SC 4 meeting ^(2.1.8)	27 Dec 2016	2	2	4	0	0	8
13.SC 4 meeting ^(2.1.9)	10 Jan 2017	1	1	3	0	0	5
14.SC 4 meeting ^(2.1.10)	1 Feb 2017	2	2	3	0	2	9
15.SC 4 meeting ^(2.1.11)	23 Feb 2017	2	2	4	0	0	8
16.TC 59 meeting ^(2.2.2)	9 May 2017	3	0	8	0	4	15
17.TC 59 meeting ^(2.2.3)	29 May 2017	2	0	8	0	4	14
18.TC 59 meeting ^(2.2.4)	7 Jun 2017	2	0	5	0	4	11
19.TC 59 meeting ^(2.2.5)	30 Jun 2017	3	0	6	0	3	12
20.Announce on website for Public consultation “Standard for Thai wood industry move forward” ^(2.3.4)	27 Jun 2017						
21.Public consultation “Standard for Thai wood industry move forward” ^(2.3.4)	26 Jul 2017	5	27	13	8	10	63

22.TC 59 meeting ^(2.2.6)	8 Aug 2017	3	0	6	0	3	12
23.Public announce on website to extend for receive comments ^(2.3.5)	16 Aug -31 Aug 2017						
24.Standard testing project ^(2.3.6)	7–8 Sep 2017						
25.Industrial Product council ^(2.3.7)	15 Sep 2017	4	0	42	0	0	46
26.TFCC board meeting “Standard testing result” ^(2.3.8)	26 Sep 17	5	2	5	0	7	19
27.Minister sign	In process						
28.Announce in Gazette	In process						

Remark All events see more information in Annex 10

Annex 5: The composition of the standardization committee categories in TC 59, TC 915, SC 4 and DWG as forestry stakeholder mapping in Thailand by their organisations

Stakeholder's organisations	Stakeholder Categories				
	Forestry-related industry associations/ federation	Forestry-related private sector	Government agencies	Forest-planting group/ individuals and workers	Civil society/ NGOs involved in forestry
1. Representative from Royal Forest Department *** (Key Stakeholder)			/		
2. Representative from Department of Primary Industries and Mines			/		
3. Representative from Department of Fisheries			/		
4. Representative from Office of Natural Resources and Environmental Policy and Planning ***			/		
5. Representative from Department of Pollution control			/		
6. Representative from Thai Industrial Standards Institute *** (Key Stakeholder)			/		
7. Representative from Faculty of Forestry, Kasetsart University *** (Key Stakeholder)					/
8. Representative from Sukhothai Thammathirat University					/

9. Representative from Faculty of Science (Biology Department), Chulalongkorn University					/
10. Representative from Thailand Environment Institute					/
11. Representative from Forest Industry Organization (Key Stakeholder)			/	/	
12. Representative from the Federation of Thai Industries ***	/				
13. Representative from Environmental Engineering Association of Thailand ***	/				
14. Representative from Thai Furniture Industries Association	/				
15. Representative from Private Forest Plantation Cooperative (Disadvantaged Stakeholder)				/	
16. Representative from Kaset Rungreang Co.,Ltd		/			
17. Representative from National Bureau of Agricultural Commodity and Food Standard			/		
18. Village Chief (Philosopher) (Disadvantaged Stakeholder)					/
19. Representative from Fast Growing Tree Association	/				
20. Representative from Siam Forestry Co.,Ltd		/			
21. Representative from Double A Co.,Ltd		/			
22. Representative from Private Promotion for Plantation Association (Disadvantaged Stakeholder)				/	
23. Representative from the Regional Community Forestry Training Center for Asia and the Pacific (RECOFTC) (Disadvantaged Stakeholder)					/

24. Representative from Thai Timber Association	/				
25. Faculty of Environment and Resource Studies, Mahidol University					/
26. Faculty of Environmental Engineer, King Mongkut's University of Technology Thonburi					/
27. Thailand Industry Estate	/				
28. Electricity Generating Authority of Thailand			/		
29. Department of Industrial Work			/		
30. Management System Certification Institute (Thailand)					/
31. Thailand Greenhouse Gas Management Organisation (Public Organization)					/
32. Thailand Institute of Scientific and Technological Research			/		
Total	6	3	11	3	10

Remark: *** representatives for both TIS 14061 and TIS 2861

Annex 6: List of DWG members

Names	Organisations	Stakeholder Categories				
		Forestry-related industry associations/ federation	Forestry-related private sector	Government agencies	Forest-planting group/ individuals and workers	Civil society/ NGOs involved in forestry
1.Mr.Monton Chamrionpruek	Faculty of Forestry, Kasetsart					/
2.Mr.Wicha Niyom	University (Key Stakeholder)					/
3.Mr.Dusit Vetchakit	Sukhothai Thammathirat University					/
4.Ms.Nopparat Manawakul	Faculty of Forestry, Kasetsart University (Key Stakeholder)					/
5.Ms.Witcha Pichainarong	Thai Industrial Standards Institute (Key Stakeholder)			/		
6. (Representative)	Regional Community Forestry Training Center for Asia and the Pacific (RECOFTC) (Disadvantaged Stakeholder)					/
7.Ms.Yingluck Patipantaywa	Thailand Plantation Cooperative (Disadvantaged Stakeholder)				/	
8.(Association President)	Thai Timber Association	/				
9.Ms.Nantana Boonyanan	Royal Forest Department (Key Stakeholder)			/		
10.Mr.Narong Meenual	Siam Forestry Co.,Ltd		/			
11.Mr.Prasert Nateprachit	Forest Industry Organization (Key Stakeholder)			/		
12.Mr.Sukit Chanthong				/		
13.Mr.Suchart Thitiworkul					/	
14.Mr.Narongchai Cholparp					/	
Total		1	1	4	3	5

Annex 7: List of SC 4 members

Names	Organisations	Stakeholder Categories				
		Forestry-related industry associations/ federation	Forestry-related private sector	Government agencies	Forest-planting group/ individuals and workers	Civil society/ NGOs involved in forestry
1.Mr.Banchong Wongsisoonthorn	Royal Forest Department (Key Stakeholder)			/		
2.Mr.Khanchai Duangsataporn	Faculty of Forestry, Kasetsart University (Key Stakeholder)					/
3.Mr.Narongchai Cholparp	Forest Industry Organization (Key Stakeholder)				/	
4.Mr.Amorpong Hiranwong	Fast Growing Tree Association	/				
5.Mr.Narong Meenual	Siam Forestry Co.,Ltd		/			
6.Mr.Prasert Nateprachit	Forest Industry Organization (Key Stakeholder)			/		
7.Ms.Rungnapa Wattanawichien	D.A. Research Center Company		/			
8.Ms.Bussaba Saelim	Thai Industrial Standards Institute (Key Stakeholder)			/		
9.Ms.Witcha Pichainarong				/		
Total		1	2	4	1	1

Annex 8: List of TC 915 members

Name	Organisations	Stakeholder Categories				
		Forestry-related industry associations/federation	Forestry-related private sector	Government agencies	Forest-planting group/individuals and workers	Civil society/NGOs involved in forestry
1.(Representative)	Royal Forest Department (Key Stakeholder)			/		
2.(Representative)	Department of Primary Industries and Mines			/		
3.(Representative)	Department of Fisheries			/		
4.(Representative)	Office of Natural Resources and Environmental Policy and Planning			/		
5.(Representative)	Department of Pollution control			/		
6.(Representative)	Faculty of Forestry, Kasetsart University (Key Stakeholder)					/
7.(Representative)	Faculty of Science (Biology Department), Chulalongkorn University					/
8. Mr.Phisit Na Pattalung	wildlife Fund Thailand under the Royal Patronage of H.M. The Queen (Disadvantaged Stakeholder)			/		
9.(Representative)	Thailand Environment Institute					/
10.(Representative)	Forest Industry Organization (Key Stakeholder)			/		
11.(Representative)	Federation of Thai Industries (Key Stakeholder)	/				
12.(Representative)	Environmental Engineering Association of Thailand	/				
13.(Representative)	Thai Furniture Industries Association	/				

14.(Consultant of Certificate Department)	Thai Industrial Standards Institute			/		
15.(Representative)	Thai Industrial Standards Institute (Key Stakeholder)			/		
16.(Representative)	Private Forest Plantation Cooperative (Disadvantaged Stakeholder)				/	
17.(Representative)	Kaset Rungreang Co.,Ltd		/			
18.Ms.Tassanee Prachyabamrung	National Bureau of Agricultural Commodity and Food Standard			/		
19.Mr.Wiboon Khemcahlerm	Village Chief (Philosopher) (Disadvantaged Stakeholder)					/
20.Mr.Phirat Nakrin	Private Promotion for Plantation Association (Disadvantaged Stakeholder)				/	
21.Mr.Reongchai Paosajja	Thailand Research Fund			/		
22.Mr.Kosol Penpayap	National Legislative Assembly			/		
Total		3	1	12	2	4

Annex 9: List of TC 59 members

Names	Organisations	Stakeholder Categories				
		Forestry-related industry associations/federation	Forestry-related private sector	Government agencies	Forest-planting group/individuals and workers	Civil society/NGOs involved in forestry
1.Mr.Rattanawat Chairat	Faculty of Environment and Resource Studies, Mahidol University					/
2.Ms.Wirasinee Yuchachwal	Faculty of Environmental Engineer,King Mongkut's University of Technology Thonburi					/
3.Mr.Nikom Laemsak	Faculty of Forestry, Kasetsart University (Key Stakeholder)					/
4.Mr.Kitti Sukutomtanti	Federation of Thai Industries (Key Stakeholder)	/				
5.Mr.Prasert Tapaneeyangkoon	Environmental Engineering Association of Thailand	/				
6.Ms.Somchin Piluek	Industrial Estate	/				
7.Mr.Hattaya Thong-rop	Electricity Generating Authority of Thailand			/		
8.Mr.Boonsutee Jeerawongpanich	Royal Forest Department (Key Stakeholder)			/		
9.Ms.Prapairat Lawanwattanakul	Department of Industrial Work			/		
10.Ms.Panee Angsusing	Management System Certification Institute (Thailand); MASCI					/
11.Ms.Pongwipa Lorsomboon	Thailand Greenhouse Gas Management Organisation (Public Organisation)					/

12.Ms.Korkod Meechamnan	Thailand Institute of Scientific and Technological Research			/		
13.Mr.Prasert Sirinapaporn	Office of Natural Resources and Environmental Policy and Planning			/		
14.Ms.Witcha Pichainarong	Thai Industrial Standards Institute			/		
15.Ms.Supranee Krongnid	(Key Stakeholder)			/		
Total		3	0	7	0	5

Annex 10: List of available documentations

1. TIS 14061

1.1 Documentations relating to DWG

(1.1.1) Memorandum of Understanding (MoU) between TISI and FIO (21 November 2014)

(1.1.2) Notification of Forest Industry Organisation No. 45/B.E 2558” Establishment of Drafting working group for Sustainable Forest Plantation Management Standards” (13 March 2015)

(1.1.3) Minute of DWG meeting (22 April 2015)

(1.1.4) Agenda and minute of DWG meeting (14 May 2015)

(1.1.5) Agenda and minute of DWG meeting (2 June 2015)

(1.1.6) Agenda and minute of DWG meeting (19 June 2015)

(1.1.7) Agenda and minute of DWG meeting (26 June 2015)

(1.1.8) Letter of submit SFM draft standard to TISI (24 August 2015)

1.2 Documentations relating to SC 4

(1.2.1) Notification of Technical Committee 915 No. 4/B.E 2558” Establishment of Technical Subcommittee No. 4” (8 July 2015)

(1.2.2) Minute of SC 4 meeting (4 August 2015)

(1.2.3) Minute of SC 4 meeting (28 September 2015)

(1.2.4) Minute of SC 4 meeting (7 October 2015)

(1.2.5) Minute of SC 4 meeting (19 October 2015)

(1.2.6) Minute of SC 4 meeting (2 November 2015)

(1.2.7) Minute of SC 4 meeting (4 November 2015)

(1.2.8) Notification of Technical Committee 915 No. 5/B.E 2559” Establishment of Technical Subcommittee No. 4_”_added subcommittee” (26 January 2016)

(1.2.9) Notification of Technical Committee 915 No. 6/B.E 2559” Revision of Technical Subcommittee No. 4” (3 October 2016)

1.3 Documentations relating to TC 915

(1.3.1) Notification of Ministry of Industry No. 129/B.E 2541” Establishment of Technical Committee No. 915; Sustainable Forest Management System Standards” (4 May 1997)

(1.3.2) Notification of Ministry of Industry No. 323/B.E 2541” Establishment of Technical Committee No. 915; Sustainable Forest Management System Standards _added committees” (17 September 1997)

(1.3.3) Notification of Ministry of Industry No. 548/B.E 2546”Establishment of Technical Committee No. 915; Sustainable Forest Management System Standards _added committees” (13 October 2003)

(1.3.4) Minute of TC 915 meeting (16 February 2015)

(1.3.5) Minute of TC 915 meeting (30 March 2015)

(1.3.6) Minute of TC 915 meeting (22 December 2015)

(1.3.7) Minute of TC 915 meeting (26 January 2016)

(1.3.8) Minute of TC 915 meeting (9 February 2016)

(1.3.9) Invitation letter, agenda and minute of TC 915 meeting (21 April 2016)

1.4 Analytical papers and reports

(1.4.1) Report of “Forestry Stakeholder Mapping in Thailand” in January 2013

(1.4.2) Minute of stakeholder meeting “Thailand Certification System Approach for Sustainable Forest Management” on 13 January 2015

(1.4.3) Invitation via e-mail, announce on website and agenda the seminar to developing Thailand Forest Certification Scheme with review the standard on 31 March 2015

(1.4.4) Submit SFM standard letter (24 August 2015)

(1.4.5) Invitation letter, announce on website and agenda of the public seminar “Formalising the Thai Forestry Certification Scheme and review of the Nation SFM Standard” on 13 November 2015

(1.4.6) Invitation letter and agenda and minute of the public seminar “The preparation of the structural system for forest certification in Thailand” on 5 January 2016

(1.4.7) Invitation letter, announce on website and agenda of the public consultation “SFM Standard TIS 14061” on 17 March 2016

(1.4.8) Memorandum “Industrial Product Standards Sustainable Forest Plantation Management 1- Requirement”

(1.4.9) Gazette announcement “Sustainable Forest Plantation Management 1- Requirement”

(1.4.10) Invitation letter and agenda of standard testing

(1.4.11) Invitation letter, agenda and minute of TFCC board “the standard testing result” on 26 September 2017

2. TIS 2861

2.1 Documentations relating to SC 4

(2.1.1) Notification of Technical Committee 915 No. 4/B.E 2558” Establishment of Technical Subcommittee No. 4” (8 July 2015)

(2.1.2) Minute of SC 4 meeting (13 September 2016)

(2.1.3) Notification of Technical Committee 915 No. 4/B.E 2558” Establishment of Technical Subcommittee No. 4_added committee” (3 October 2016)

(2.1.4) Minute of SC 4 meeting (4 October 2016)

(2.1.5) Minute of SC 4 meeting (13 October 2016)

(2.1.6) Minute of SC 4 meeting (28 October 2016)

(2.1.7) Minute of SC 4 meeting (29 November 2016)

(2.1.8) Minute of SC 4 meeting (27 December 2016)

(2.1.9) Minute of SC 4 meeting (10 January 2017)

(2.1.10) Minute of SC 4 meeting (1 February 2017)

(2.1.11) Minute of SC 4 meeting (23 February 2017)

2.2 Documentations relating to TC 59

(2.2.1) Notification of Ministry of Industry No. 338/B.E 2558” Establishment of Technical Committee No. 59; Environmental Management System” (16 November 2015)

(2.2.2) Minute of TC 59 meeting (9 May 2017)

(2.2.3) Minute of TC 59 meeting (29 May 2017)

(2.2.4) Minute of TC 59 meeting (7 June 2017)

(2.2.5) Minute of TC 59 meeting (30 June 2017)

(2.2.6) Minute of TC 59 meeting (8 August 2017)

2.3 Analytical papers and reports

(2.3.1) Report of “Forestry Stakeholder Mapping in Thailand” in January 2013

(2.3.2) Minute of stakeholder meeting “Thailand Certification System Approach for Sustainable Forest Management” on 13 January 2015

(2.3.3) Invitation letter, announce on website and agenda of the public seminar “Formalising the Thai Forestry Certification Scheme and review of the Nation SFM Standard” on 13 November 2015

(2.3.4) Invitation letter, announce on website and agenda of the public consultation “Standard for Thai wood industry move forward” on 26 July 2017

(2.3.5) Minute of Industrial Committee report on 15 September 2017

(2.3.6) Invitation, agenda and report of standard testing

(2.3.7) Invitation letter, invitation via e-mail, agenda and minute of TFCC board “the standard testing result” on 26 September 2017

(2.3.8) Memorandum “Industrial Product Standards TIS 2861-1- Requirement”