#### **APPENDICES**

#### Appendix A

#### General description of slaughterhouse facilities, operation and processing

#### A) Administrative information of Slaughterhouse

Name of Slaughterhouse		
Owner of Slaughterhouse	6	
Approved work or operation		7
Other process in plant		0
Average No. of slaughter per day		7
No. of slaughter per hour		6
Number of Employee (Slaughter line)		0
Working Days per week		Y
Operation time (slaughter)	39 Ed / A	. //
No. of shift per day		
Working hour per shift (slaughter)	~05 <sup>3</sup> /	
Others	TITLE	

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#### B) Facilities

00318	Available	Functioning	In use	Remark
Lairage area		9/		
Stunner				
Shackle line and overhead conveyor	4/7		5	
Chiller			•	3111
Cutting area				65
Freezer				
Cold storage				
Worker facility			1	
Water treatment				
Waste water treatment	27			7
Knife sanitation facility				008

#### C) Processing/Method

Live animal handling	N/ / / / / 6
Stunning method	
Slaughtering method -	NE SAEJ
Dead animal handling	Gotto -
Bleeding method	25///
Scalding	TENTITIES
Dehairing/flame	UNIV
Belly opening	
Evisceration method	
Carcass splitting	10000112015
Cleaning/washing carcass	
Chilling process	
Cutting	hiang Mai Unive
Packing	0
Storage	s reserv

### Appendix B

### Checklist based on new Ministerial Notification B.E.2555 (2012)

Criteria		acceptable	unacceptable	remark
	Procedures and Conditions for ing the Slaughterhouse, Lairage		13	3
Point 6	Suitable Location			
/ /	- Not in the restriction area			
Ŝ	- Far from medical care center, religious place community, government office or school at least 100 meters			
	- Not located in frequent flooding area			000
3 /	- Not in risk area which can contaminate from agricultural or industry chemical			Z
Point 7	Surrounding of the building			
	- Fence			
	- Good maintain			
	- Drainage			
	- Lairage area	C	<i>&gt; //</i>	
	- Separate live animal entrance and carcass exist	Er		
-	- Prevent pest system from outside the building			
	- Mange the waste and by-product			
Point 8	Construction of the building			T T
	- Floor			
ght	- Wall	Mai	Uni	ve
0	- Door and door frame			
	- Ceiling	PS	er	V

Criteria	пена		unacceptable	remark
Point 9	Interior of Building			
	- Enough space for working and separate area	9	7	
	- Separate clean and unclean area			
	- Place for collecting waste		3	
(9)	- Drainage system		. 2	
	- Ventilation			3
	- Lighting			
/ /	- Water and Ice			
	- Hand washing basin			
Point 10	Tool machine and equipment			-372
5	- Equipment material		-	270%
0	- Lubricant is food grade			
	- Contact surface should not have			
} \	chemical contaminant	/ /		
	- Machine should have space from wall at			
	least 30 cm.			
Point 11	Lairage area (not count for drinking for			
	animal in chicken)		XX Y	
	- Far from clean area	C	7//	
	- Enough area			
	- Construction with roof			
	- Door, fence or partition made from			
	durable material			
3	- Floor should not be slippery or		150	
	precipitous		100	
	- Prevent animal walk back			
ghi	- Separate area for illness or suspected	Mai	Un	ve
	animal			

Criteria		acceptable	unacceptable	remark
	- Provide water and enough water pipe			
	- Enough water supply and proper pressure to clean	2		
	- Good drainage and well-plan flow		4	
	- Ventilation			
	- Lighting			63 N
	- Place to collect manure			
Point 12	Waste water treatment		not checked	
Slaughte				
Point 13	Movement and transport animal to slaughterhouse follow the Epidemic Act and relevant law		not checked	Profes
Point 14	Slaughter animal criteria	1		
	- Appropriate resting time			
	- Withdrawal of feed and water			V //
	- Stunning method except religion slaughter		A	
	- Record ante-mortem and post-mortem inspection	FR		
	- Preventive measure for meat and carcass contamination			
Point 15	Disease Prevention procedure			
Point 16	Hygienic control		. 5	
	a. Personal hygiene			
	- Medical health check at least once a year			
ghi	- Not ill or suspect ill person from transmission disease work	Ma	Un	ive
r	- Wear the proper cloth, clean and person hygiene practice	e s	e r	V

Criteria	5	acceptable	unacceptable	remark
	- Person who is cut or injured shall have bandaged and water proof cover			
	- Washing hand before work, after handle			
	with unclean material and after use toilet		64	
	- Not eat, spit, smoke, wear the jewelries		000	
	b. Process hygiene			2 /
	- Cleaning program			
٨,	- Cleaning and disinfection program for tool, machine, equipment, table, container and etc.			-50L
5	- Cleaning program for truck for transport carcass			70
3 /	- Pest control program inside and outside building			7
	- Approved chemical for using in slaughterhouse		15	
	- Chemical storage room separate from meat storage, separate kind of chemical and labeled		4	
	- Manage the waste and garbage			
	- Enough changing room, shower room and toilet			
	- Appropriate manage the not fit for human consumption product.			
Point 17	Manual and work instruction	8	168	
Point 18	Recall and traceability and keep the record	144		
Point 19		IVIA	LUII	VU

#### **Appendix C**

## A listing of study Slaughterhouses meeting building, process and inspection requirements in Livestock Region 1, Thailand

General set-up at meat inspection point	Slaughterhouses meeting criteria
working space satisfactory	> /
lighting sufficient	
appropriate working height	
Facilities and equipment near the inspection point	
Reserve knife or knife sterilizer available	
water tap/hose for washing hands available	755
Condemnation container	
- Available	
- lockable	
Speed of slaughter allowing proper inspection	16/9/
Slaughter line not obstructed	
Pig Inspection	2/67//
- viscera and head displayed and carcass paired	
with viscera and head for inspection	25,
Chicken inspection	
- whole carcass inspection possible	

### Appendix D

Date	.Name of	Slaughter	rhouse	• • • • • • • • • • • • • • • • • • • •

Appendix D				
Poultry Post-mort	tem Inspection	Report		
DateName of Sla	ughterhouse	8	300	
No. of slaughtered animal		> \		
Carcass			16	3
- DOA	W \			
- Incomplete bleeding				
- Overscalded				1 \
- Contamination	(6)		17	
- Bruised/fractures	217		17	
- wing bruised/fracture	-01			
- Emaciated/small			/ /	
- Abnormal coulour/septicemia		1	/ (	
- Skin disease/lesion	/ //		/ 0	
- Arthritis/Joint				1' //
- Hock burn	1 30 6		A	
- Breast Blisters				
- Ascites		2051	· ///	
- scratch	RITIT	FIX		-
1 1 1 1	IN T A			-
Internal organ				1
- Pericarditis				
- Perihepatitis	eing	Sell	R CI	alun
- Air sacculitis/CRD		IUL	UU	OITH
- Juandice/liver abnormal	•	A 4 .		
- Gastitis/intestinal abnormal	lang	Mai	Uni	versity
Others (please identify)				/
Remaks		e s	e r	v e d

#### **Pig Post-mortem Inspection Report**

D-4-	NT	- C C I I	. 4	
<b>Date</b>	Name	of Slaugh	nternouse	 

No. of slaughtered animal	A 1		(8)
Weight average	10/	7	7
Carcass			13
- Kidney lesion			
- Wounds and abscess			
- Trauma			
- Fractures			
- Abnormal smell or colour			
- Skin lesion			
- Lymph nodes			
- Joint			
- Scratch	TY X		
- Others	1 /7		
Total (Heads)			
Head lesion (Please	1 3 3 5		1
specify)	60000	600	
Offal	T T 1	712	-
- Liver lesion	UNI		
- Heart lesion			
- Stomach lesion			
- Spleen lesion			
- Lung lesion and pleuritis			
- Intestine lesion			
- Parasite	hiano	o Ma	i Uni
- Others	-11100113		
Remark:			

#### **DECLARATION**

I, the undersigned herewith, declare that this thesis is my original work and has not been presented for a degree in any university.

Signature:

Name: **Mrs. Suphanan Boonyakarn**Date of submission: September, 2013



#### **CURRICULUM VITAE**

Name Mrs. Suphanan Boonyakarn, DVM

**Date of Birth** 3 August 1972

#### **Educational Background**

1879 – 1988 Certificate of Primary school and Secondary school

Satriwisutthisuksa School

1988 - 1991 Certificate of Upper Secondary school, Nakhonsawan

school

1992 - 1998 Doctor of Veterinary Medicine (D.V.M), Faculty of

Veterinary Science, Chulalongkorn University

**Scholarships** Veterinary Public Health Center for Asia Pacific (VPHCAP)

Scholarship Award (2011-2013)

#### Working experience

1998 - 1999 Veterinary Officer, Veterinary Public Health Division, DLD

1999 – 2006 Veterinary in charge at poultry slaughterhouse and meat

processing plant for export

30 Mar - 27 Jun 2006 Temporary work at Office of Agricultural Affaires, Royal

Thai Embassy in Brussels, Belgium

2006 - 2009 Checked and processed the company's application document

for compliant of importing countries

19 Jun - 15 Sept 2009 Temporary work at Office of Agricultural Affaires, Royal

Thai Embassy in Tokyo, Japan

2009 - present Senior Veterinary officer, Zone supervisor - supervise

veterinary meat inspectors at slaughterhouse and meat

processing plants for export BLSC, DLD