

Appendix A

IDNUM

Questionnaire of Knowledge and Attitude

Please write down the details and tick / in that are your qualification.

General information

1. Name : _____	1. name <input type="checkbox"/>
2. District Office : _____	2. District <input type="checkbox"/> <input type="checkbox"/>
3. Sex : 1. Male 2. Female	3. Sex <input type="checkbox"/>
4. Age : _____ years old	4. Age <input type="checkbox"/> <input type="checkbox"/>
5. Job :	5. Job <input type="checkbox"/>
5.1 Technical Sanitation Officers in district offices	
5.2 Health Officers in district offices	
6. Year of service : _____ years	6. Year <input type="checkbox"/> <input type="checkbox"/>
7. Education level :	7. Educ <input type="checkbox"/>
7.1 High school	
7.2 Bachelor degree	
7.3 Master degree	
7.4 Certificate of Practical Nurse / Health Officer	

Knowledge test

please tick the right one answer

: knowledge and essential regulation in food control at distribution

1. What is Specifically Controlled Food ?
 - a. Soybean oil
 - b. Bread
 - c. Meat products
 - d. All are right
2. Bread label have to show __
 - a. Manufactory date , month , year
 - b. Manufactory month and year
 - c. Expire date , month , year
 - d. Expire month and year
3. What kind of sauces are group in sauces in sealed container according to Ministerial Notification edition 79 (1984) ?
 - a. Chilly sauces
 - b. Tomato sauces
 - c. Oyster sauces
 - d. Flour mix with dye sauces
4. What kind of food have to show registered No. in FDA labels ?
 - a. Food for cooking
 - b. Processed food ready for consumption
 - c. Meat ball
 - d. Vinegar
5. What kind of acid dilute with water for impured vinegar ?
 - a. Sulfuric acid
 - b. Hydrochloric acid
 - c. Citric acid
 - d. Acetic acid

6. What kind of container is sealed containers owing to Ministerial Notification edition 144 (B.E. 2535) ?
 - a. Glass bottle with screw metal covering
 - b. Sealed plastic bag
 - c. Sealed mettalite bag
 - d. Sealed aluminium bag
7. What kind of drinks that are not group in Ministerial Notification edition 62 (B.E. 2524) about sealed beverage ?
 - a. Glass of Chrysanthemum water in refrigerator
 - b. Coconut juice in sealed plastic bag
 - c. Roselle juice in sealed plastic bag
 - d. Caned Longan juice
8. What kind of meat and products are owing to Ministerial Notification edition 110 (B.E.2531) ?
 - a. Meat ball, sausage
 - b. Mixed pork, pork slices
 - c. Salted pork, shredded pork
 - d. Dry meat, salted fish
9. What kind of foods are semi-processed food ?
 - a. Semi-processed dry noodle
 - b. Sour and sweet soup ingredients
 - c. A sauce of shrimp paste and chili
 - d. All are right
10. What kind of products are group in additive products that are by products of soybean ?
 - a. Black sauces
 - b. Additive sauces
 - c. White sauces
 - d. All are right

: Guideline to inspect evidences

11. Which evidences that officers have to know in order to inspect the shop ?
- Document
 - Material
 - Person
 - All are right
12. Which meaning of wording “distribute” owing to Food Acts 1979 is wrong ?
- Pay
 - Give or exchange for business benefit
 - Belong
 - Belong for sale
13. Which authority of officers owing to Ministerial Notification (edition 165) 1995 is right ?
- Inspect all places that make food business.
 - Inspect places about food in Bangkok
 - Inspect only distribution , stock , market and vendor
 - In c exclude the FDA are allowed
14. How many at least officers when you inspect the places ?
- 1 person
 - 2 person
 - 3 person
 - 4 person
15. Which is record form that you have to record in everytimes you inspect ?
- Record form of places
 - Record form of wording
 - Record form of collect samples
 - Record form of confiscation or attachment

Knowledge on violation of food distribution for practical officers

16. Pasteurized milk that the saler change Expire Date from 8/1/96 to 18/1/96 and then continue distribute these food. The saler violate in distribute_____

- a. Wrong standard of food
 - b. Food that label is wrong
 - c. Pseudo food
 - d. Impure food
17. In case that found dead helminth in caned food . The manufacture violate in produced
- a. Wrong standard of food
 - b. Food that label is wrong
 - c. Un-realed food
 - d. No legal action
18. The question “Food that distribute in market and do not have FDA labels that are legal or not” please analyze these sentence. Which sentences is wrong
- a. Violate in case that food are Standardized Food
 - b. Violate in case that food are Specifically Controlled Food
 - c. Violate in case that food are general food (must not bear label)
 - d. Violate in case that food are general food (must be bear label)
19. Gourami that distribute in the market . when Food Inspectors collect samples for analysis found insecticide. The saler violate in distributed___
- a. Wrong standard of food
 - b. Food that label is wrong
 - c. Un-realed food
 - d. No legal action
20. Mr A. who bought roasted chicken that mixed with food dye for distribution. When Food Inspectors collect samples for analysis , they found that roasted chicken was mixed with food dye. So Mr. A violate in distribute_____
- a. Wrong standard of food
 - b. Food that label is wrong
 - c. Un-realed food
 - d. Violate Ministerial Notification

Questionnaire of attitude towards roles and tasks owing to Food Acts 1979

1. How do you feel in these items , please tick / in that box

Attitude	level of agreement					For office use only
	strongly agree	agree	Un-decided	disagree	strongly disagree	
1. Post-marketing surveillance in quality and safety of food is useful for consumer.						1. sur. <input type="checkbox"/>
2. Food inspection is essential for consumer.						2. ess <input type="checkbox"/>
3. Decentralization of quality standard surveillance at distribution to The officers of BMA can increase more coverage of consumer protection.						3. dece <input type="checkbox"/>
4. Inspection of quality of food owing to Food Acts 1979 must have knowledge and understanding in inspection.						4. tech <input type="checkbox"/>
5. You understand and have knowledge in your new roles and tasks owing to Food Acts 1979.						5. know <input type="checkbox"/>
6. You can perform your new task .						6. can <input type="checkbox"/>
7. New roles and tasks owing to Food Acts relevant to your own tasks.						7.rel <input type="checkbox"/>

Attitude	level of agreement					For office use only
	strongly agree	agree	un-decided	disagree	strongly disagree	
8. You satisfy in new roles and tasks owing to Food Acts 1979.						8. sat <input type="checkbox"/>
9. Your own responsible tasks before delegation are work-load.						9. work <input type="checkbox"/>
10. New roles and tasks owing to Food Acts 1979 increase a lot of burden of work to you						10. bur <input type="checkbox"/>
11. Excluding of FDA and BMA s officers , you think that there are other group of person who can inspect standard quality of food at distribution.						11. oth <input type="checkbox"/>

Appendix B

Questionnaire of Skill Test

Explanation : wording “ right ” means show, appear on labels and in standard regulation.

wording “ wrong ” means do not show on labels or incorrect standard regulation.

Order : When you determine label of products , please tick / in the appropriate box.

Products	Right	Wrong	Causes
1. Drinking water in sealed container * food name * FDA label * name and location of manufacturer * net volume			
2. Food in sealed container * food name * FDA label * name and location of manufacturer * component * net volume * manufactory date/expire date			

Products	Right	Wrong	Causes
<p>3. Food ready for consumption</p> <ul style="list-style-type: none"> * food name * name and location of manufacturer * manufactory date , month , year * expire date , month , year <p>4. Bread</p> <ul style="list-style-type: none"> * food name * name and location of manufacturer * component * net weight * expire date , month , year <p>5. Milk</p> <ul style="list-style-type: none"> * food name * FDA label * name and location of manufacturer * component * net volume * expire date , month , year <p>6. Fish in sealed container</p> <ul style="list-style-type: none"> * food name * FDA label * name and location of manufacturer * component * net volume * manufactory month, year / expire month , year 			

Products	Right	Wrong	Causes
<p>7. Vegetable oil</p> <ul style="list-style-type: none">* food name* FDA label* name and location of manufacturer* manufactory date , month year / expire date , month , year* net volume			

Appendix C

Questionnaire of activities during training program

1. What do you think in this training program , please tick / in the appropriate box

Items	Knowledge and essential regulation in food control at distribution					knowledge on violation of food distribution for practical officers					guideline to inspect evidences					cases study					practice to inspect evidences				
	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
1. Time for lecture																									
2. Content for lecture																									
3. Ability to transfer knowledge of trainers																									
4. Lecture of trainers																									
5. Relevant to performance																									
6. Audio-visual aid																									

1 = very inappropriate , 2 = inappropriate , 3 = no idea, 4 = appropriate ,5 = very appropriate

2. Do you think these items are appropriate or not ? please tick / in the appropriate box

Items	appropriate	inappropriate	suggestion
1. Place			
2. Timing of lecture			
3. Document for training			
4. Material for training			
5. No. of trainees			
6. Light and sound			
7. Coordination			

3. Do you think which items should be improve , please tick / in that box

Items	Should be improve	O.K.	Please specify details
1. Time for lecture			
2. Content for lecture			
3. Items for lecture			
4. Method for lecture			
5. Place			
6. Document for training			
7. Materials for training			

Appendix D

IDNUM

Questionnaire of support, supervision and distributing of the FDA

General information

1. District Office: _____	1. District <input type="text"/>
2. Sex: 1. Male 2. Female	2. Sex <input type="checkbox"/>
3. Age: _____ years old	3. Age <input type="text"/>
4. Job: 4.1 Technical Sanitation Officers in district offices 4.2 Health Officers in district offices	4. Job <input type="checkbox"/>
5. Year of service: _____ years	5. Year <input type="text"/>
6. Education level: 6.1 High school 6.2 Bachelor degree 6.3 Master degree 6.4 Certificate of Practical Nurse / Health Officer	6. Educ <input type="checkbox"/>

<p>1. Are the manual that FDA prepare for your performance useful or not, How?</p> <p>a. Useful</p> <p>b. Useless: reason_____</p>	<p>1. man. use <input type="checkbox"/></p> <p>1.1 reason_____</p>
<p>2. Are the manual that FDA prepare for your performance appropriate or not, How?</p> <p>a. Appropriate</p> <p>b. Inappropriate: reason_____</p>	<p>2. man. appr <input type="checkbox"/></p> <p>2.1 reason_____</p>
<p>3. Should the manual that FDA prepare for your performance improve or not, How ?</p> <p>a. Should improve: reason_____</p> <p>b. Good</p>	<p>3. man.imp <input type="checkbox"/></p> <p>3.1 reason_____</p>
<p>4. Do coordination center among FDA and BMA increase your convenience, How?</p> <p>a. More convenience</p> <p>b. Inconvenience: reason_____</p>	<p>4. coord. con <input type="checkbox"/></p> <p>4.1 reason_____</p>
<p>5. Are coordination center among FDA and BMA appropriate or not, How?</p> <p>a. Appropriate</p> <p>b. Inappropriate : reason_____</p>	<p>5. coord. appr <input type="checkbox"/></p> <p>5.1 reason_____</p>
<p>6. Should coordination center among FDA and BMA improve or not, How?</p> <p>a. Should improve: reason_____</p> <p>b. Good</p>	<p>6. coord. imp <input type="checkbox"/></p> <p>6.1 reason</p>
<p>7. Do the Officers in Department of Health in BMA supervise you or not?</p> <p>a. Supervise</p> <p>b. Did not supervise</p>	<p>7. super. <input type="checkbox"/></p>

<p>8. Are the supervision of Officers in Department of Health in BMA appropriate or not, How?</p> <p>a. Appropriate</p> <p>b. Inappropriate: reason_____</p>	<p>8. super.app <input type="checkbox"/></p> <p>8.1 reason_____</p>
<p>9. Should the supervision of Officers in Department of Health in BMA improve or not, How?</p> <p>a. Should improve: reason_____</p> <p>b. Good</p>	<p>9. super. imp <input type="checkbox"/></p> <p>9.1 reason_____</p>
<p>10. Do you distribute information among FDA and BMA or not, Why?</p> <p>a. Yes</p> <p>b. No: reason_____</p>	<p>10. exchange <input type="checkbox"/></p> <p>10.1 reason_____</p>
<p>11. Are the distributing information among FDA and BMA appropriate or not, How?</p> <p>a. Appropriate</p> <p>b. Inappropriate: reason_____</p>	<p>11. exch. appr <input type="checkbox"/></p> <p>11.1 reason_____</p>
<p>12. Should the distributing information among FDA and BMA improve or not, How?</p> <p>a. should improve: reason_____</p> <p>b. Good</p>	<p>12. exch.imp <input type="checkbox"/></p> <p>12.1 reason_____</p>

Appendix E

Performance of the BMA Health Officers

I. Education	
1. How many times of training per 6 months do you train these group (documentary record)	1. train
: Officers_____times/6 months	1.1 officer <input type="checkbox"/> <input type="checkbox"/>
: Entrepreneur_____times/6 months	1.2 entrep <input type="checkbox"/> <input type="checkbox"/>
: community organization_____times/6 months	1.3 comm <input type="checkbox"/> <input type="checkbox"/>
2. How many times of public relation per 6 months do you publicize through these media ? (documentary record)	2. public
: Poster_____times/6 months	2.1 poster <input type="checkbox"/> <input type="checkbox"/>
: Printed matter_____times/6 months	2.2 print <input type="checkbox"/> <input type="checkbox"/>
: Radio_____times/6 months	2.3 radio <input type="checkbox"/> <input type="checkbox"/>
: T.V._____times/6 months	2.4 televi <input type="checkbox"/> <input type="checkbox"/>
: On line radio_____times/6 months	2.5 online <input type="checkbox"/> <input type="checkbox"/>
3. How many subjects in each public relation in 6 months do you publicize through these media? (documentary record)	3. subject
: Poster_____Subjects /times/6 months	3.1 poster <input type="checkbox"/> <input type="checkbox"/>
: Printed matter_____Subjects/times/ 6 months	3.2 print <input type="checkbox"/> <input type="checkbox"/>
: Radio_____Subjects/times/6 months	3.3 radio <input type="checkbox"/> <input type="checkbox"/>
: T.V._____Subjects/times/6 months	3.4 televi <input type="checkbox"/> <input type="checkbox"/>
: On line radio_____Subjects/times/6 months	3.5 online <input type="checkbox"/> <input type="checkbox"/>
II. Encouragement of consumer protection participation	
4. How many consumer protection group in your district that people establish by themselves ? (documentary record)	4. encourag <input type="checkbox"/> <input type="checkbox"/>
consumer protection group_____ groups	

<p>5. How many shop , market , supermarket participate in consumer protection in your district ?(documentary record</p> <p>shop : _____</p> <p>market : _____</p> <p>supermarket : _____</p>	<p>5. particip</p> <p>5.1 shop <input type="checkbox"/> <input type="checkbox"/></p> <p>5.2 market <input type="checkbox"/> <input type="checkbox"/></p> <p>5.3 supermar <input type="checkbox"/> <input type="checkbox"/></p>
<p>III. Establishment center of complaints</p>	
<p>6. Do you establish center of complaint in your district ?</p> <p>6.1 Yes</p> <p>6.2 No</p>	<p>6. center <input type="checkbox"/></p>
<p>7. How many items do you get receiving complaint per 6 months ?(documentary record)</p> <p>items _____ complaint / 6 months</p>	<p>7. item <input type="checkbox"/> <input type="checkbox"/></p>
<p>8. Do you inform detail about concerning complaint ?</p> <p>8.1 Yes (please continue answer 9)</p> <p>8.2 No</p>	<p>8. inform <input type="checkbox"/></p>
<p>9. How many times do you inform detail about concerning complaint per 6 months ?</p> <p>(documentary record)</p> <p>items _____ complaint / 6 months</p>	<p>9. times <input type="checkbox"/> <input type="checkbox"/></p>
<p>10. Do you coordinate to related agencies ?</p> <p>10.1 Yes</p> <p>10.2 No</p>	<p>10.coordi <input type="checkbox"/></p>
<p>11. How many times do you coordinate to related agencies per 6 months ?</p> <p>(documentary record)</p> <p>: _____ times</p>	<p>11. coortime <input type="checkbox"/> <input type="checkbox"/></p>
<p>IV. Surveillance</p>	
<p>12. How many times per 6 months do you inspect the shops ? (documentary record)</p> <p>: _____ times</p>	<p>12. inspect <input type="checkbox"/> <input type="checkbox"/></p>

<p>13. How many shops do you inspect per 6 months ? Where ? (documentary record) : _____shops : name of shop_____</p>	<p>13.inspshop <input type="checkbox"/> <input type="checkbox"/> 13.1 inspname_____</p>
<p>V. Collect samples for analysis</p>	
<p>14. How many samples taken in this 6 months ? (documentary record) :_____ samples</p>	<p>14. collsamp <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></p>
<p>15. How many % unsatisfied food per 6 months ? (documentary record) : _____%</p>	<p>15. percent <input type="checkbox"/> <input type="checkbox"/></p>
<p>16. How many unsatisfied food per 6 months ? (documentary record) :_____ samples</p>	<p>16. unsatsam <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></p>
<p>VI. Advice</p>	
<p>17. How many times do you advise the shop per 6 months ? (documentary record) :_____ times/ 6 months</p>	<p>17. adviseti <input type="checkbox"/> <input type="checkbox"/></p>
<p>18. How many shops do you advise per 6 months (documentary record) :_____shops</p>	<p>18. advisesh <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></p>
<p>VII. Confiscation / Attachment</p>	
<p>19. How many shops do you find unsatisfied per 6 months ? (documentary record) :_____ shops</p>	<p>19. unsatsho <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></p>
<p>20 How many samples do you find unsatisfied per 6 months? (documentary record) : Confiscation_____samples : Attachment_____samples</p>	<p>20. unsatsam <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></p>

Appendix F

Questionnaire of perception of shop owner towards BMA food inspectors performance

1. Sex 1. Male 2. Female	1. sex <input type="checkbox"/>
2. Age _____ years old	2. age <input type="checkbox"/> <input type="checkbox"/>
3. Do the BMA Food Inspectors come to inspect your shop or not in this year ?	3. inspect <input type="checkbox"/>
1. Yes. when _____	3.1 when __
2. No	
4. Do they show Officer card before they inspect your shop ?	4. show <input type="checkbox"/>
1. Yes	
2. No	
5. Are they polite to you ?	5. polite <input type="checkbox"/>
1. Yes	
2. No	
6. Do you know BMA Health Officers are officers who can inspect your shop ?	6. know <input type="checkbox"/>
1. Yes	
2. No	
7. Do you think that BMA food Inspectors inspect your shop is good or not ? How ?	7. good <input type="checkbox"/>
1. Yes	7.1 reason __
2. No, reason _____	
8. Do you know if you sale the unsatisfied food , you will imprisonment or fine ?	8. impri <input type="checkbox"/>
1. Yes	
2. No	

<p>9. Do you believe BMA Food Inspectors when they advise you to select to buy standard food products for distribution in your shop ?</p> <p>1. Yes</p> <p>2. No. reason_____</p>	<p>9. believe <input type="checkbox"/></p> <p>9.1 reason__</p>
<p>10. Do you perceive BMA food Inspectors ?</p> <p>If not , why ?</p> <p>1. Yes</p> <p>2. No. reason_____</p>	<p>10. perceive <input type="checkbox"/></p> <p>10.1 reason__</p>
<p>11. How do you think about this BMA food Inspectors, please describe ?</p> <p>:_____</p> <p>_____</p> <p>_____</p>	<p>11.describe__</p>

Student's Curriculum Vitae

Name	Miss Sumitra Hanphasuphong
Nationality	Thai
Date of birth	3 August, 1966.
Place of birth	Bangkok
Education	
1990	Bachelor in Pharmacy
Area of interest	Project Evaluation
Work Experiences	
1993-	Policy Analyst Technical Division, Food and Drug Administration, Ministry of Public Health, Thailand
1992-1993	Food and Drug Technical Officer Toxic Substances Control Division, Food and Drug Administration, Ministry of Public Health, Thailand.
1990-1992	Pharmacist Nakornnayok hospital, Thailand