

INDUSTRY & TECHNOLOGY IN SERTU PERSPECTIVE



MOHAMAD A'DIL SYAFIQ ABD. KHALID



SERTU GUIDELINES (JAKIM)

“The guidelines are made available to guide them all the parties involved in managing the certification process for factories, premises, equipment, clothing, or human affairs and so on who are affected by the stool mughallazah to ensure that all matters are sacred in terms of syarak. These guidelines also explain in detail to any party which require guidance in the process of sertu according to the view of Islam.”

OVERVIEW OF SERTU INDUSTRY



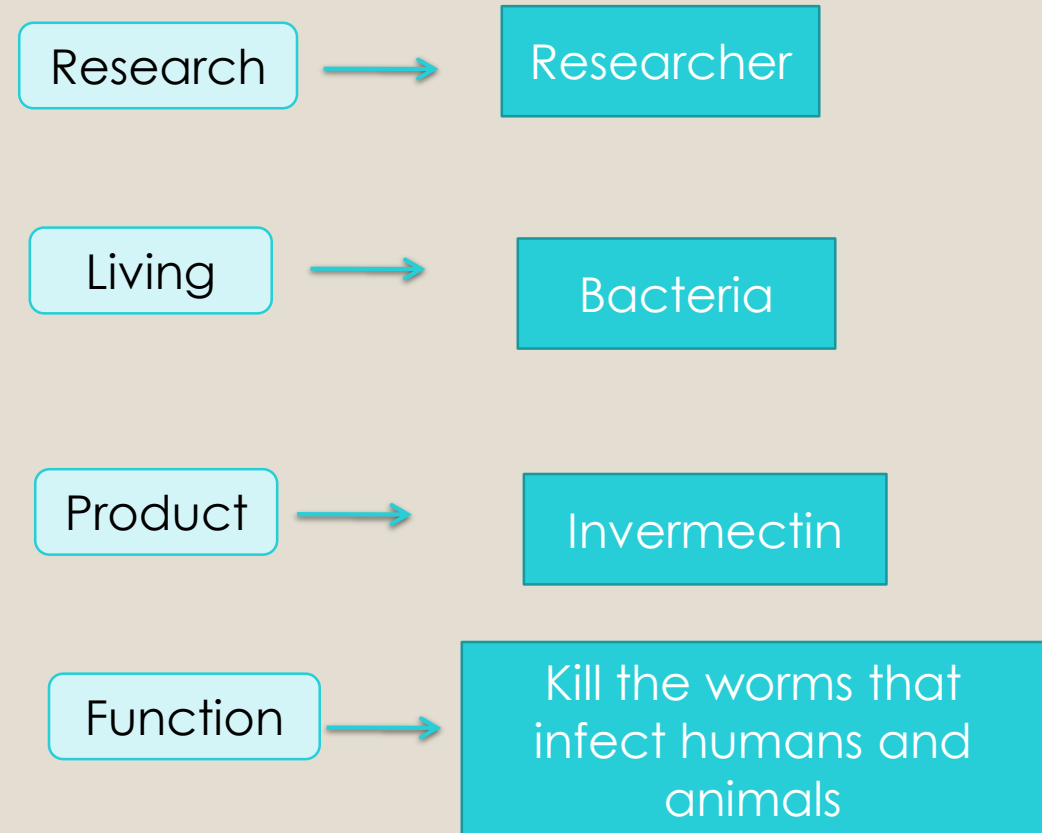
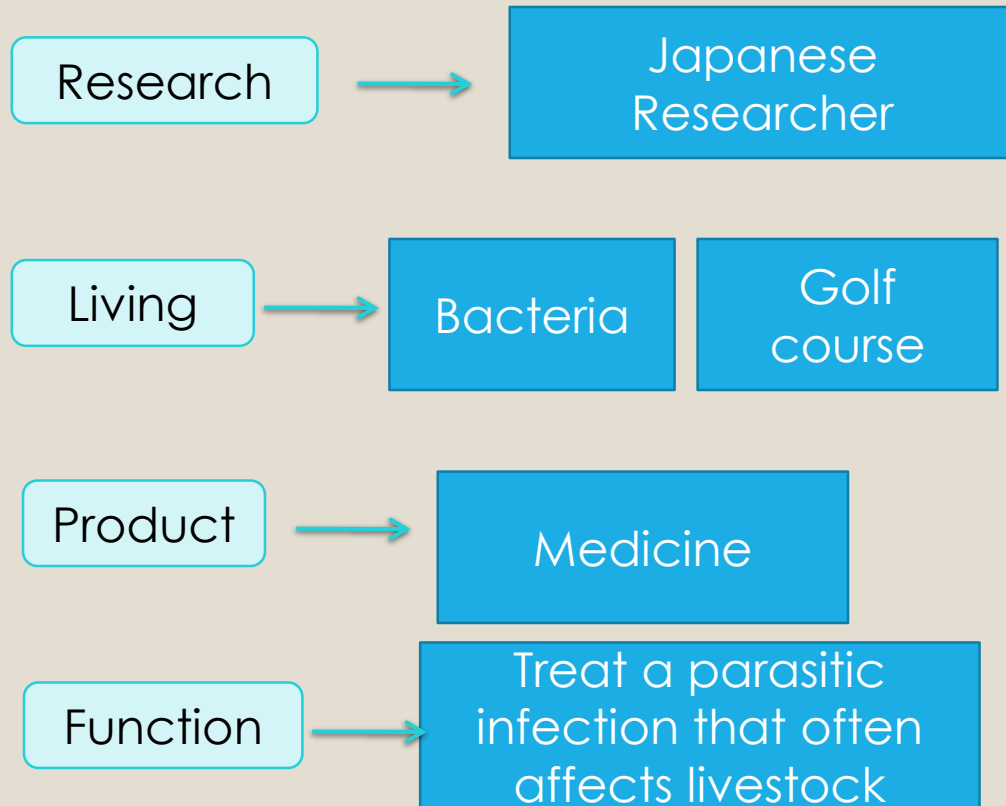
The Islamic cleansing practice (Sertu) is an important part in the halal scope for manufacturers within the food and logistic industry. Modules cover the importance of , the requirements SERTU for halal certification and processing as well as logistics in the halal food production. The workshop provides an intensive knowledge on the overall best halal practices for the manufacturers to produce high quality halal products for the ever demanding global halal food market.

Clay Research

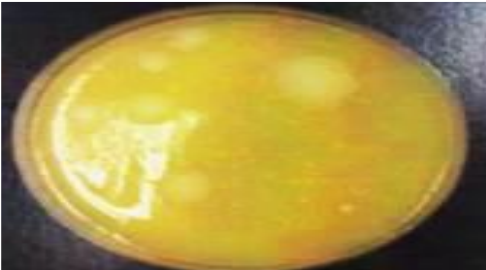





- **CLAY**
 - Contain good bacteria from 1500 Mycetes species
- **MYCETES SPECIES**
 - Streptomyces
 - Actinomyces
 - Micromycetes
 - Oomycetes
- **STREPTOMYCETES**
 - Antibiotic production
 - 2/3 antibiotic produce from Streptomyces
- **CLAY FOR (SERTU/SAMAK)**
 - 1500 Mycetes species killed the bacteria from the skin of pig and dog



THE POWER OF CLAY

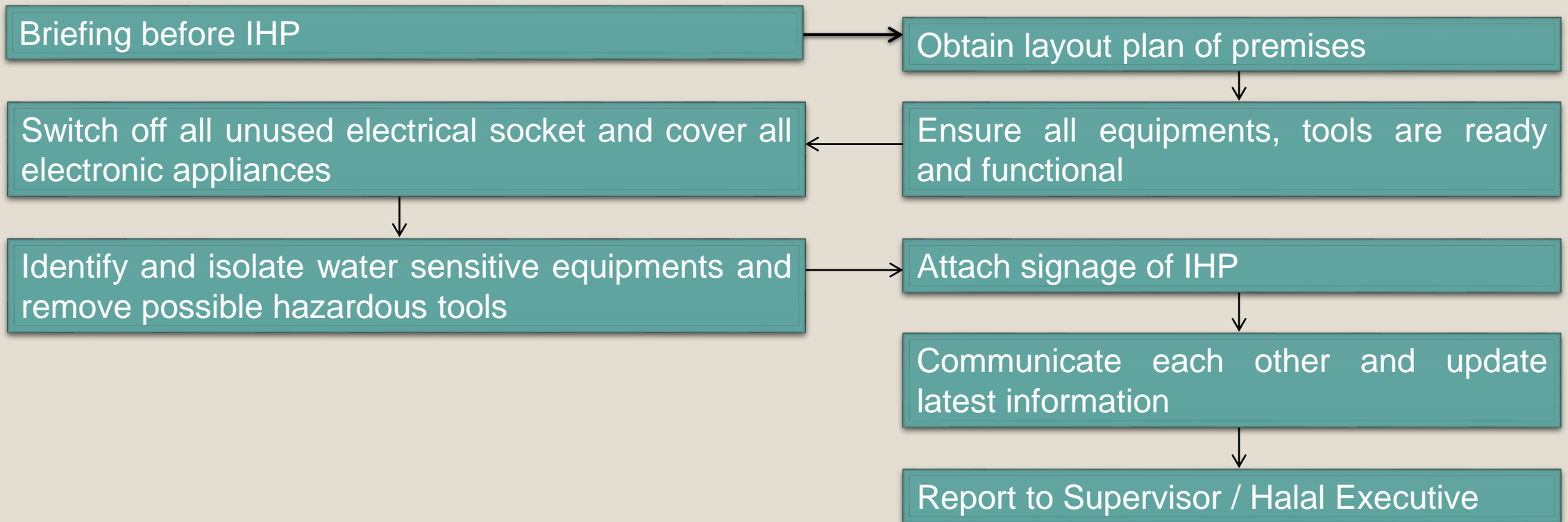


EFFECTIVENESS OF CLAY

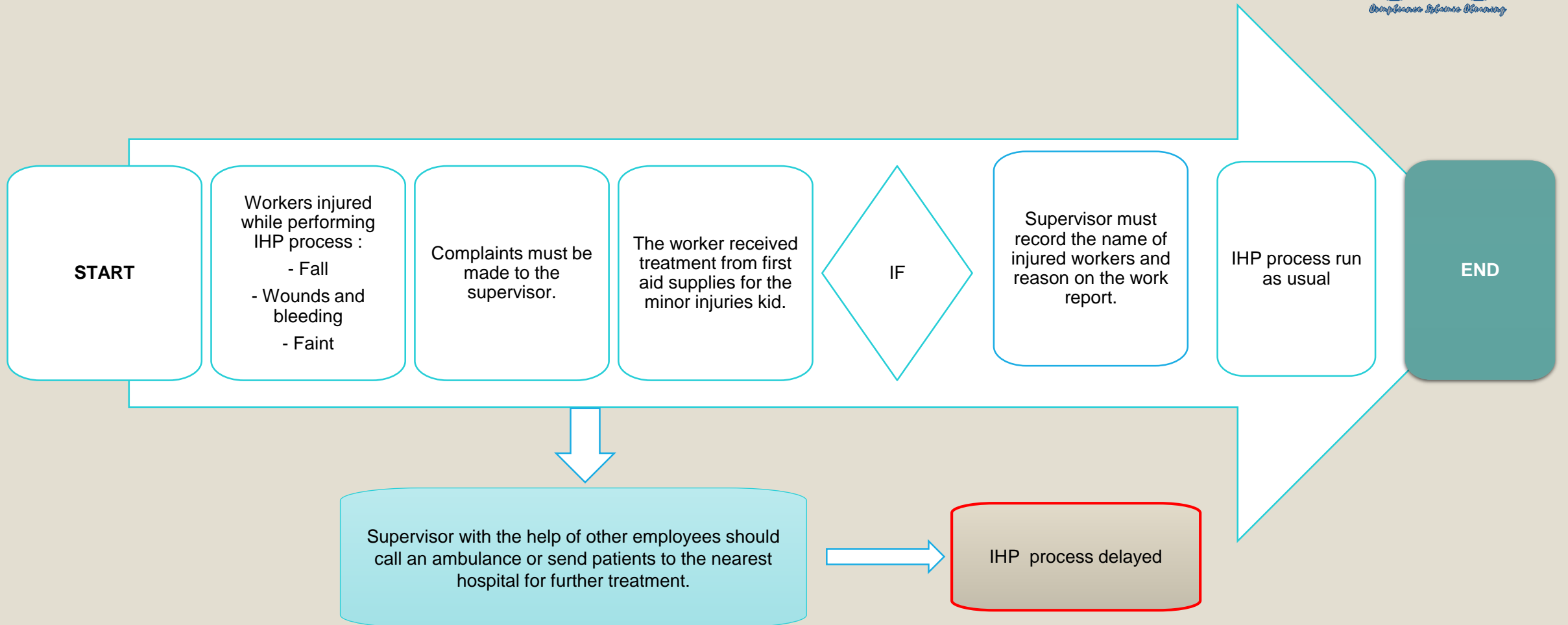
| PROGRESS | DOG SALIVA | MINCED PIG MEAT |
|-----------------|--|---|
| 2% (w/v) |  |  |
| 4% (w/v) |  |  |
| 7% (w/v) |  |  |

TECHNICAL OF SERTU

HSE BRIEFING



WORKER SAFETY FLOW



PERSONNEL PROTECTIVE (EQUIPMENT-PPE)



Safety helmet



Fall protection



Coverall suit



Safety boot



glove



Safety glasses



First aid



Air mask



Ear plug



ELECTRICITY

@ GOOD PRACTICE WITH ELECTRICITY ON SITE:-

- ✓ Treat electricity with respect
- ✓ Check constantly that cables are not damaged or worn
- ✓ Keep trailing cables off the ground and away from water
- ✓ Never overload or use makeshift plugs and fuses
- ✓ Always precise with circuit breaker when use additional extension cord.



CRITICAL EQUIPMENTS IN KITCHEN



Gas burner



Baking oven



Mixer



Meat slicer



Chiller



Fryer

CRITICAL EQUIPMENT IN LAB



EQUIPMENT TECHNOLOGY

SERTU BASIC UNIFORM INDUSTRY



OVERALL



**FORMAL
UNIFORM**



GLOVE



MASK MOUTH



SAFETY HELMET



GUM BOOTS

SERTU BASIC EQUIPMENT



Water jet



Brooms



Floor wiper



Water vacuum



Pipe host



PH meter



CLAY



Sponge



Towel



Motorize sprayer



Tool box



Extension wire

PLUMBING

HOT & COLD WATER

- Cold & Normal water – using g.i, pvc, abs pipe
- Hot Water – using copper, aluminium & stainless steel pipe

PIPING ACCESSORIES

- Water Tap
- Stop cock
- Butterfly Valve
- Gate Valve
- Hose Coupler
- Hot & Cold Water Tap
- V Socket/ Socket
- Water Trap
- Spray Gun
- One Way Valve



SERTU APPLICATION INDUSTRY

GENERAL SERTU FOR MATERIAL KITCHEN



1. Perform initial inspection of Kitchen/ Utensil including taking (BEFORE) pictures and indicate any defected that might be affect after the SERTU operation conducted
2. Entering all relevant data required as per inspection sheet requirement
3. Approval to do SERTU
4. Performing DOA before SERTU started
5. Preparation of Material, Machineries and Mixing of SERTU Powder (clay water)
6. Sweeping any debris before performing SERTU
7. Closing all Electrical power socket or switches to prevent shortage
8. SERTU Area shall covers touching area with product/raw material only and floor
9. Spraying with **MINIMUM** water (air mutlak) 1 time using **HAND SPRAY/KNAPSACK** then wipe with clean Wiper table
10. Applying 1 layer **MINIMUM** of clay water using **HAND SPRAY/KNAPSACK** then wipe with clean Wiper table
11. Taking (DURING) picture for record purposes
12. Spraying with **MINIMUM** water (air mutlak) 6 times using **HAND SPRAY/KNAPSACK** then wipe with sponge
13. Draining to the nearest drain outlet
14. Perform the detection of porcine **DNA** using **TEST KIT/LABORATORY TEST**
15. Visual and physical inspection of the SERTU operation and making touch up on area not previously being covered
16. Performing closing with DOA after SERTU operation
17. Taking (AFTER) picture to show SERTU operation has been performed and documentation



GENERAL SERTU FOR MATERIAL FLOOR & WALL



1. Perform initial inspection of Factory/ premises including taking (BEFORE) pictures and indicate any defected that might be affect after the SERTU operation conducted
2. Entering all relevant data required as per inspection sheet requirement
3. Approval to do SERTU
4. Performing DOA before SERTU started
5. Preparation of Material, Machineries and Mixing of SERTU Powder (clay water)
6. Sweeping any debris before performing SERTU
7. Closing all Electrical power socket or switches to prevent shortage
8. Rinsing with water (air mutlak) 1 time using **WATER JET / HOSE PIPE**
9. Applying 1 layer of clay water and leave for minimum 10 seconds
10. Taking (DURING) picture for record purposes
11. Rinsing with air mutlak 6 times using **WATER JET / HOSE PIPE**
12. Draining to the nearest drain outlet
13. Leave water to dry
14. Performing closing with DOA after SERTU operation
15. Visual and physical inspection of the SERTU operation and making touch up on area not previously being covered
16. Taking (AFTER) picture to show SERTU operation has been performed and documentation



GENERAL SERTU FOR MATERIAL CONTAINER



1. Perform initial inspection of Container / Truck including taking (BEFORE) pictures and indicate any defected that might be affect after the SERTU operation conducted
2. Entering all relevant data required as per inspection sheet requirement
3. Approval to do SERTU
4. Performing DOA before SERTU started
5. Preparation of Material, Machineries and Mixing of SERTU Powder (clay water)
6. Sweeping any debris before performing SERTU
7. SERTU Area shall covers including all inside Container /Truck
8. Rinsing with water (air mutlak) 1 time using **WATER JET / HOSE PIPE**
9. Applying 1 layer of clay water using **KNAPSPRAY** and leave for minimum 10 seconds
10. Taking (DURING) picture for record purposes
11. Rinsing with water (air mutlak) 6 times using **WATER JET/ HOSE PIPE**
12. Draining to the nearest drain outlet
13. Leave water to dry
14. Perform closing with DOA after SERTU operation
15. Visual and physical inspection of the SERTU operation and making touch up on area not previously being covered
16. Taking (AFTER) picture to show SERTU operation has been performed and documentation



GENERAL SERTU FOR MATERIAL MACHINERY

1. Perform initial inspection of Machinery/Parts including taking (BEFORE) pictures and indicate any defect that might be affected after the SERTU operation conducted
2. Entering all relevant data required as per inspection sheet requirement
3. Approval to do SERTU
4. Performing DOA before SERTU started
5. Preparation of Material, Machinery and Mixing of SERTU Powder (clay water)
6. Sweeping any debris before performing SERTU
7. Closing all Electrical power socket or switches to prevent shortage
8. SERTU Area shall cover touching area with product/raw material only.
9. Spraying with **MINIMUM** water (air mutlak) 1 time using **HAND SPRAY ONLY** then wipe with clean Wiper table/cotton bud
10. Applying 1 layer **MINIMUM** of clay water using **HAND SPRAY ONLY** then wipe with clean Wiper table/cotton bud
11. Taking (DURING) picture for record purposes
12. Spraying with **MINIMUM** water (air mutlak) 6 times **HAND SPRAY /KNAPSACK SPRAYER** then wipe with sponge/cotton bud
13. Draining to the nearest drain outlet
14. Perform the detection of porcine **DNA** using **TEST KIT/LABORATORY TEST**
15. Visual and physical inspection of the SERTU operation and making touch up on area not previously being covered
16. Performing closing with DOA after SERTU operation
17. Taking (AFTER) picture to show GIC operation has been performed and documentation



CERTIFICATION & STICKER

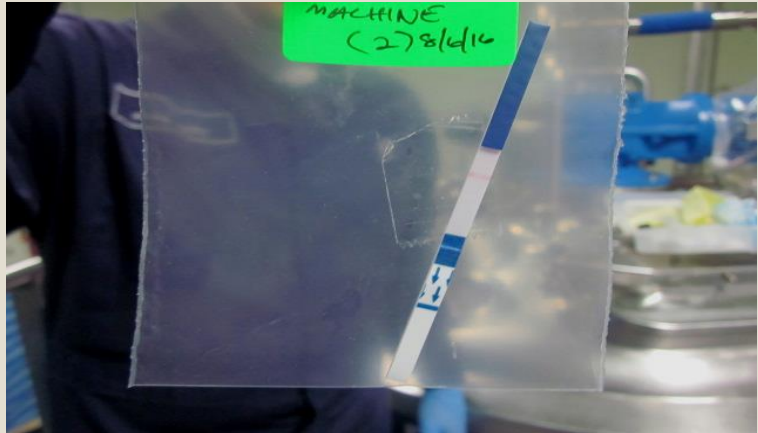
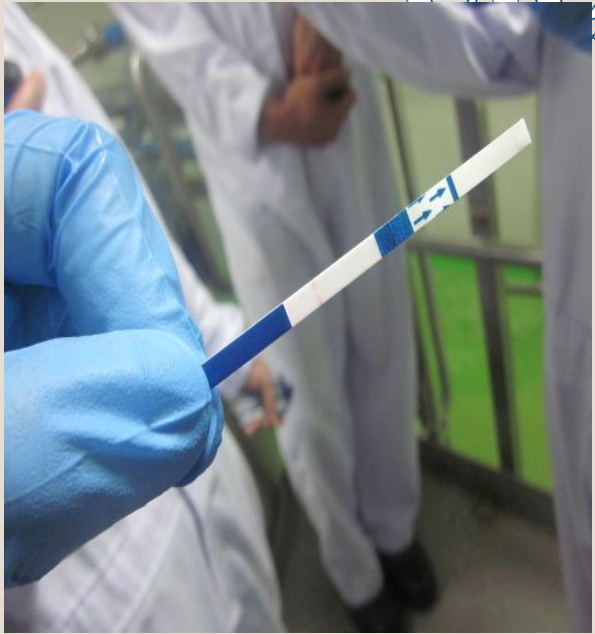
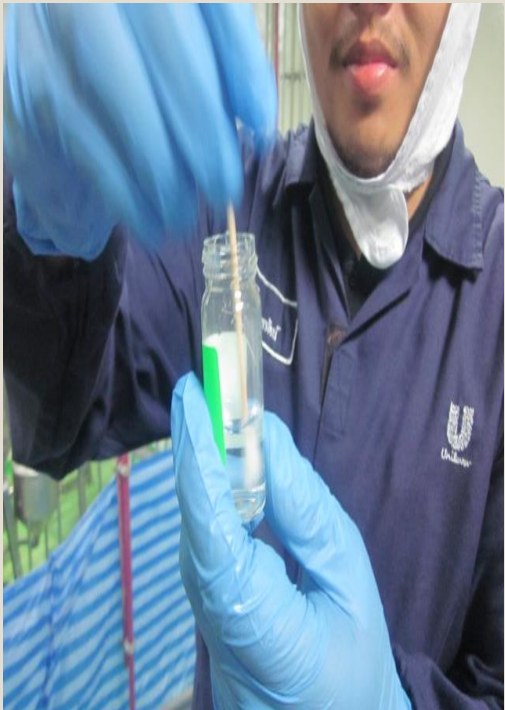
SHIPPING INDUSTRY

GALLEY KITCHEN



PROCINE DNA TEST

DNA TEST KIT



SERTU ISSUES INDUSTRIAL

CONTAMINATION ISSUES RELATED INDUSTRY



- ◆ NON- HALAL INDUSTRY TO HALAL INDUSTRY
- ◆ NON - HALAL RAW/PRODUCT MIXED WITH HALAL RAW/ PRODUCT
- ◆ INDUSTRY ATTITUDE
- ◆ CONTAMINATION WITH PETS (DOG)
- ◆ FOUND NON – HALAL BRISTLE BRUSH (PIG)
- ◆ BUY USED EQUIPMENTS WITH NON–HALAL /DOUDT (SECOND USER)
- ◆ CONTAMINATION WITH PROCINE DNA (PIG)
- ◆ MIXED NON HALAL EQUIPMENT WITH HALAL EQUIPMENT
- ◆ ISSUES NON MUSLIM WORKER & SANITATION (PRODUCTION INDUSTRY)
- ◆ NON SEPARATED HALAL AND NON – HALAL PRODUCT AREA (STAR CRUISE & SHIPPING)



ISSUES RELATED INDUSTRY



ISSUES RELATED INDUSTRY



ISSUES RELATED INDUSTRY



Burger tidak halal (gambar kecil) menggunakan nama Melayu dipamer di sebuah pusat beli-belah di Damansara.



ISSUES RELATED INDUSTRY

AL-KAFI
LI AL-FATAWI الكافي للفناوى

HIMPUNAN SOALAN-SOALAN DI FACEBOOK



#456 HUKUM MAKAN IKAN KELI DAN IKAN PATIN YANG DIBERI MAKAN DAGING KHINZIR

Keli zat babi

Sisa air kumbahan ladang babi jadi makanan keli membesar



SEMAUN antara makanan ikan keli di sebuah kawasan di Perak, juga mungkin menjadi makanan daripada air kumbahan ladang ternakan babi yang berisiko keselamatan.

Lelaki meringis lagi. Ikan-ikan besar keli itu hanya dipasarkan di luar Perak memandangkan penduduk tempatan sudah mengetahui risiko itu pernah.

BERTAH DI MUKA 4

TELUS & TULUS

Sinar

harian

Siapa selain Azizah

Jabatan Perikanan sahkan sampel tulang yang ditemui dalam kolam ikan patin di Jalan Ipoh-Batu Gajah. Jelas tahu adalah tulang babi

SAH KOLAM PATIN BABI

TULANG BABI



ISSUES RELATED INDUSTRY

Jeli kulit babi

WARNA-WARNI... antara gula-gula getah dan jeli di pasaran yang dipercayai diperbuat daripada gelatin haiwan yang haram dimakan umat Islam.

> Dengan harga semurah 20 sen, ramai kanak-kanak sekolah ketagih membelinya. Tetapi awas! Gula-gula getah dan jeli ini, terutama yang diimport dan tidak mempunyai sebarang logo halal diyakini 80 peratus daripadanya dihasilkan daripada gelatin babi, lapor Mohd Jamilul Anbia Md Denin

muka 4



Halalkah UBAT ANDA

Panduan Penting Untuk Pesakit Muslim

Membongkar Rahsia Kandungan 90 Jenis Ubat-Ubatan Mengandungi Sumber Babi dan Pilihan Alternatif Yang Anda Ada

Abd Rahman, B. Pharm
www.halalscience.com




SOSEJ USUS BABI

PRODUK HARAM GUNA LOGO HALAL PALSU

Wang hantaran RM5,000 lesap

TIADA YANG DI LUAR JANGKAUAN

Abd Rahman, B. Pharm




ISSUES RELATED INDUSTRY



SEMUA WAJIB TAUBAT

Pengantar acara sentuh anjing dan umat Islam yang sentuh haiwan itu perlu bertaubat kerana jelas persenda hukum ALLAH SWT

Bayi derita sakit usus harap ihsan

Semoga menyedut angin adalah harapan kerana ia juga boleh menghalaukan dan berketetapan dengan Allah SWT. - Muhiyuddin, Duta Mubamad Shahrul Mubamad



Sah ada DNA babi

JAKIM gantung sijil pengesahan halal bagi dua produk coklat Cadbury

Dia berkata dalam satu kenyataan yang dikeluarkan oleh JAKIM, dua produk coklat Cadbury yang dijual di pasaran, iaitu Dairy Milk dan Dairy Milk Dark, tidak memenuhi syarat halal kerana mengandungi DNA babi.

JAKIM telah mengemukakan kepada Cadbury bahawa produk tersebut tidak memenuhi syarat halal kerana mengandungi DNA babi. JAKIM telah menangguhkan sijil pengesahan halal bagi kedua-dua produk tersebut.

"Cadbury Confectionery Malaysia tidak boleh menjual produk yang terdapat DNA babi dalam produk mereka"

JAKIM telah mengemukakan kepada Cadbury bahawa produk tersebut tidak memenuhi syarat halal kerana mengandungi DNA babi. JAKIM telah menangguhkan sijil pengesahan halal bagi kedua-dua produk tersebut.



Tak perlu bersih darah, samak mulut

Dr. Yusoff Yusoff

Dr. Yusoff Yusoff berkata, ia adalah perkara yang wajar untuk dilakukan oleh umat Islam yang sedang berpuasa. Beliau berkata, ia adalah perkara yang wajar untuk dilakukan oleh umat Islam yang sedang berpuasa.

Dr. Yusoff Yusoff berkata, ia adalah perkara yang wajar untuk dilakukan oleh umat Islam yang sedang berpuasa. Beliau berkata, ia adalah perkara yang wajar untuk dilakukan oleh umat Islam yang sedang berpuasa.

Dr. Yusoff Yusoff berkata, ia adalah perkara yang wajar untuk dilakukan oleh umat Islam yang sedang berpuasa. Beliau berkata, ia adalah perkara yang wajar untuk dilakukan oleh umat Islam yang sedang berpuasa.

SINAR HARIAN 29 MAY 2014

ISSUES RELATED INDUSTRY



Giant kesal kes anjing dalam troli

■ ROBIULADANYAH ABD RASID

SHAH ALAM - Pengurusan pasar raya Giant Malaysia memandag serias tindakan segelintir individu membawa haiwan peliharaan menggunakan troli untuk kemudahan pelanggan pasar raya mereka yang telah memaklumi isu semasa dalam kalangan umat Islam negara ini.

Dalam satu kenyataan, Giant Malaysia memberitahu polisi mengenai larangan membawa haiwan peliharaan telah dipamerkan di semua premis mereka.

Selain masalah yang berlaku di Giant cawangan Cheras pada 9, beberapa lain, pihak Giant telah mengambil langkah tegas mematu troli mereka dengan bantuan daripada pihak masjid berhampiran.

Menerusi kenyataan itu, Giant Malaysia juga akan menjalankan siasatan bagi memastikan perkara sama tidak berulang.

"Kami memandag pelanggan Proveda Standard untuk tidak membawa haiwan peliharaan dibawa



Seorang petugas mematu troli selepas kejadian pelanggan membawa masuk haiwan.



Pihak Giant paner notis larangan bawa haiwan peliharaan.

masuk ke premis perniagaan sebagai satu perbuatan senas. Katanya kenyataan itu.

Kelarnya, bantuan dalaman sedang dijalankan dan tindakan akan diambil untuk memastikan kejadian ini tidak akan berulang pada masa depan.

"Untuk terus memberikan pelanggan pengalaman yang baik di cawangan kami, Giant akan memasang papan tanda di semua cawangan kami. Segala kesulitan yang berlaku amat disesal," menurut kenyataan itu.

Tindakan panas pihak Giant mematu troli milik mereka mendapat respon yang baik dengan mendapat ribuan like dan turut dikongsi oleh pengguna Facebook yang lain.

Minggu lalu tersebar gambar seorang pelanggan membawa anjing

menggunakan troli puzaya ini di media sosial.

Tindakan pelanggan tersebut mendapat kecamaran ramai pihak kerana tidak sesuai terhadap pengangkutan keatasannya yang beraguna Islam.

ISSUES RELATED INDUSTRY



ISSUES RELATED



BENEFIT SERTU FOR INDUSTRY

- ◆ THE INDUSTRY PLAYER'S WILL COMPLY WITH HALAL STANDARDS & REQUIREMENT
- ◆ PRODUCING QUALITY PRODUCTS AND TOYYIBAN PRACTISE
- ◆ VALUE ADDED FOR GMP, GHP, MESTI.
- ◆ RAISING AND EXPANDING HALAL PRODUCTS WORLDWIDE
- ◆ HIGH DEMAND OF HALAL PRODUCTS IN AROUND WORLD
- ◆ FREE FROM CONTAMINATION AND NAJS MUGHALLAZAH
- ◆ SERTU IS PART OF THE HALAL STANDARDS PRIORITY
- ◆ DOES NOT CAUSE ILLNESS TO HUMANS
- ◆ SERTU WILL BE RECOGNIZED AS A CAREER INTO HALAL INDUSTRY





Thank
you



@islamiccleaning



<http://khidmatsamaksertu.blogspot.com/>