

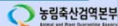
Status of wood packaging treatment & marking system in Korea

June 2014



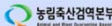
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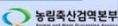
1 Regulation

- a. ISPM No. 15(IPPC)
- b. Plant Protection Act
 - * Registration, Cancellation of HT service
 - Violation & Penalty
- c. Enforcement Regulation/PPA
 - * How to register, registration requirement, administrative measures, compliance
- d. Quarantine Requirements of WPM(Notice, 2002)
 - * mark registration, monitoring, how to operate




2 Status of WPM treatment

- * Start HT for exporting WPM in 2001
- * Registered number of HTC(620), FC(28)
- * How to treat : HT(98.6%), MB(1.4%)
 - '13HT : 71,962, MB : 981
- * Type of WPM : pallet, W/B, skid, dunnage, timber etc.
- * Operation of online support system on WPM



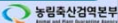
3 Operation of online support System

- a. Registration of HT company/mark /staff/facility
- b. Real time input HT schedule & result
- c. Report & Certification .



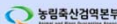

4 HTC registration procedure

- a. Authority :QIA
- b. Requirements for registration
 - Staff : one or more HT Technician
 - Facility : More than 20m'
 - Equipment : temperature sensor(2) & auto recording system, H & Ventilator
- c. Application and registration
 - application to QIA Regional office→ on site confirm → report to headquarter QIA →issuance of certificate & registration on line system




5 Management of HTC

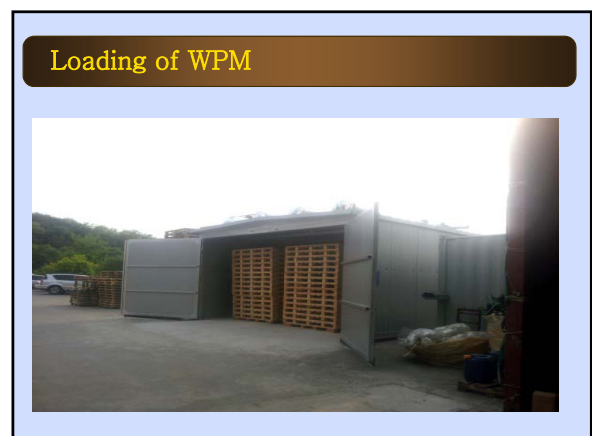
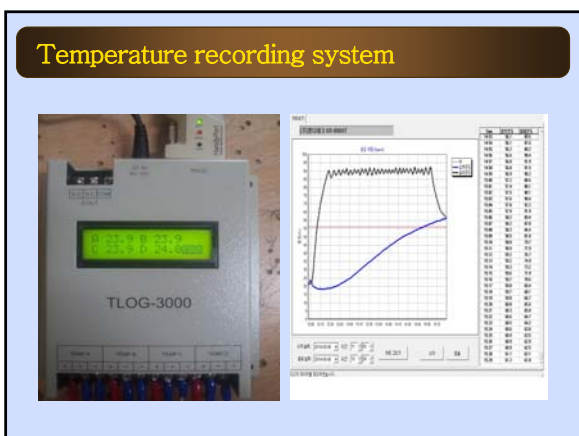
- a. Classification : 4 class, differentiated treatment in regular check and training
- b. Monitoring by Regional QIA office
 - Regular & spot check
 - * base on Treatment schedule & temperature graph online system
- c. Administrative measure on non-compliance
 - correction order, warning, business suspension

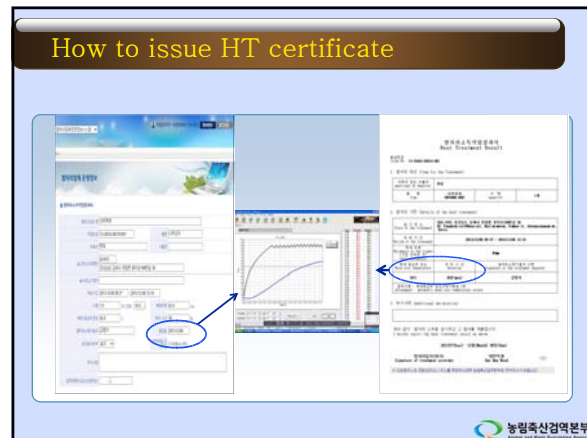
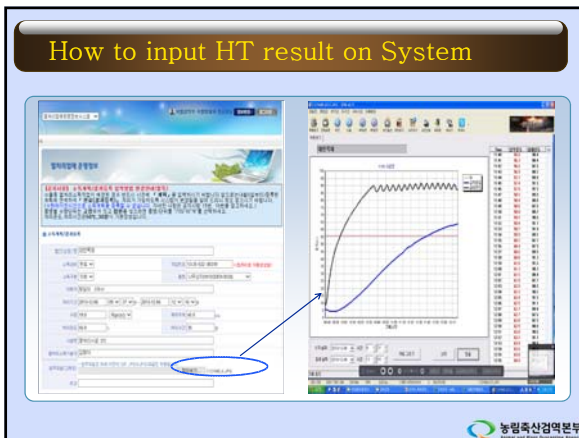
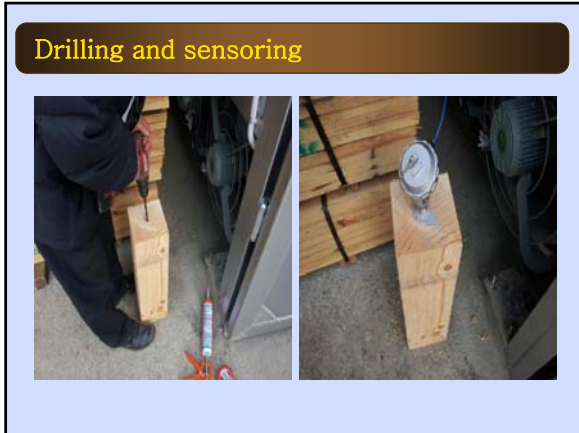


6 Procedure of HT

- a. Application → HTC
- b. Input treatment schedule online system by HTC
- c. Execution of treatment
 - loading →sensing → heating → measuring temp. and time
- d. Report the result online system
- e. Marking/Issuance of certi. by HTC







7 Marking system

- a. Use of mark after registration of treatment mark based on certificate
 - authorize registered number in each mark
- b. Keep QR code on each mark
- c. Maintain register book for movement of mark

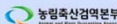
소독제처리표 사용 증명서	
처리(인)번호	000
소독제명	국립축산검역본부
소독제량	100g
소독제농도	1000ppm
소독방법	살균처리
소독시간	30분
소독온도	70°C
처리장소	국립축산검역본부
처리일자	2014년 06월 19일
처리인	김민준
처리장	국립축산검역본부



8 Training

- a. How to establish temperature sensor in facility(location, drilling and sealing)
- b. How to obtain room during WPM HT
- c. Use latent heat after 56°C/30 min.
- d. Calibration(± 0.5 °C)of thermometer and probe(1year)

* Isolated storage after treatment



9 Challenge & where to go

- a. Limitation of checking due to lots of HTC and shortage of quarantine officer
- b. Continuous administrative measures due to illegal use of mark including forgery and non declaration of new mark
- c. Shortage of knowledge & skill due to frequent change job of HT technician
- d. Requirements by importing country (marking, certificate, hitchhiking pest)

