

## **THIRD PARTY INSPECTION**

**THIS PRESENTATION ADDRESSES THREE TOPICS:**

- **DEFINING "THIRD PARTY INSPECTION" AS ADDRESSED IN THE PRESENTATION**
- **HOW THE THIRD PARTY INSPECTION PROCESS OPERATES**
- **FUTURE ISSUES FOR THE WOOD PRESERVATION INDUSTRY THAT MAY INVOLVE THIRD PARTIES**

## **'THIRD PARTY'**

**AN ORGANIZATION THAT IS IMPARTIAL**

**i.e. INDEPENDENT OF BOTH BUYERS AND THE SELLERS.**

**BUYERS - THOSE BUYING OR DETERMINING ACCEPTABILITY OF THE PRODUCT ON BEHALF OF THE BUYER.**

**SELLERS - THOSE CONNECTED WITH THE PRODUCTION OR DISTRIBUTION OF THE PRODUCT.**

**(TREATING PLANTS; PLANT SUPPLIERS; RETAILERS)**

## 'THIRD PARTY INSPECTION'

CAN MEAN DIFFERENT THINGS TO DIFFERENT PEOPLE, AND DIFFERENT THINGS IN DIFFERENT SITUATIONS, SUCH AS:

- INSPECTION OF EACH PIECE FOR ACCEPTABILITY
- INSPECTION OF A REPRESENTATIVE SAMPLE OF A LOT FOR ACCEPTABILITY OF THE LOT
- A SYSTEM OF ASSESSING, AND AUDITING ON AN ONGOING BASIS, A PLANT AND ITS PRODUCTION, FOR COMPLIANCE WITH ESTABLISHED PROCEDURES AND STANDARDS (CERTIFICATION)

THIS PRESENTATION ADDRESSES THE LATTER. THE TERM "CERTIFICATION" WILL BE USED TO DIFFERENTIATE THIS SPECIFIC MEANING FROM OTHER MEANINGS OF THIRD PARTY INSPECTION.

RESULT: A CONTROLLED PRODUCT MARKING SYSTEM THAT IDENTIFIES PRODUCT PRODUCED UNDER THE 'CERTIFICATION' PROGRAM. - AN ASSURANCE OF QUALITY

## THIRD PARTY INSPECTION (CERTIFICATION) ORGANIZATION

MUST BE "ACCREDITED".

ACCREDITATION REQUIRES:

- ESTABLISHED PROCEDURES AND POLICIES
- COMPETENCE AND RELIABILITY
- ASSESSMENT, AND ON-GOING MONITORING BY ACCREDITOR

## **EXAMPLES OF "ACCREDITORS":**

- SCC
- CWPB
- CLSAB
- ALSC

## **THE THIRD PARTY INSPECTION (CERTIFICATION) PROCESS FOR PRESERVATIVE TREATED WOOD**

### **1. PLANT REQUESTS CERTIFICATION**

- BY PRESERVATIVE SYSTEM
- BY TREATMENT STANDARD  
(eg. CSA 080.XX)
  - SPECIES
  - SIZES

### **2. CERTIFICATION ORGANIZATION ASSESSES PLANTS CAPABILITY TO TREAT IN ACCORDANCE WITH STANDARD(S)**

- QUALITY CONTROL MANUAL
  - IN-PLANT QUALITY PROGRAM  
PROCEDURES
  - RECORDS

- **IMPLEMENTATION OF QUALITY CONTROL MANUAL**
  - **SPECIES**
  - **M/C**
  - **CALIBRATION**
  - **CHEMICAL (SUPPLIER, CONCENTRATION)**
  - **MARKING**
  - **RECORDS**
  
- **SAMPLING AND TESTING**

**3. WHEN SATISFACTORY ASSESSMENT IS COMPLETE**

- **LEGAL AGREEMENT COVERING USE OF CERTIFICATION MARK AND ON-GOING INSPECTIONS.**
  
- **PLANT IS CERTIFIED AND AUTHORIZED TO 'MARK' SPECIFIC PRODUCTS;**
  - **PRESERVATIVE SYSTEM(S)**
  - **STANDARD(S)**
  - **SPECIES/SIZES**

**PLANT CAN 'MARK' PRODUCT THAT ITS QUALITY CONTROL CHECKS (EACH CHARGE) VERIFY AS MEETING THE STANDARD.**

#### **4. ON-GOING CONFORMANCE**

- **PLANT CHECKS EVERY CHARGE**
- **CERTIFICATION ORGANIZATION CHECKS CHARGE/TREATED STOCK PERIODICALLY AND CONFIRMS QUALITY PROCEDURES (12 PER YEAR)**
- **PLANT SEEKS APPROVAL OF ANY CHANGES IN QUALITY PROCEDURES**
- **PRODUCT CHECKS BY CERTIFICATION ORGANIZATION:**

**CWPB PROGRAM SPECIFIES THE FOLLOWING MINIMUM FREQUENCIES FOLLOWING INITIAL QUALIFICATION/ CERTIFICATION:**

**LEVEL 1 - TEST 4 CHARGES DURING NEXT 40 CHARGES**

**LEVEL 2 - TEST 2 CHARGES DURING NEXT 40 CHARGES**

**LEVEL 3 - TEST 1 CHARGES DURING NEXT 40 CHARGES**

- **NON-CONFORMANCES RESULT IN INCREASED FREQUENCY**
- **NON-CONFORMING PRODUCT, IF SHIPPED, MUST BE TRACED AND ACTION TAKEN (RETREAT, REMOVAL OF MARK, ETC.)**
- **AUTHORIZATION TO USE 'MARK' (CERTIFICATION) CAN BE SUSPENDED OR CANCELLED**

## CERTIFICATION MARKING ON TREATED WOOD

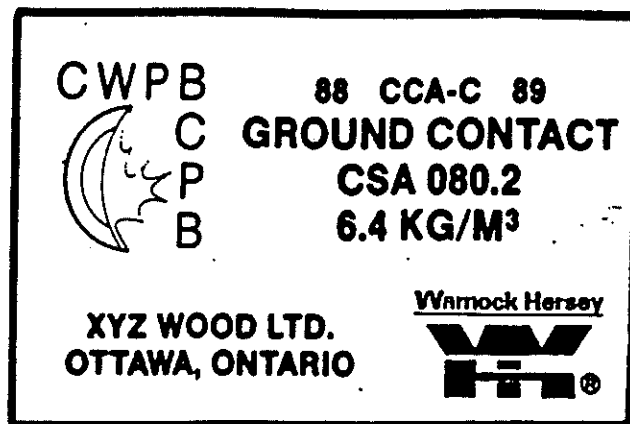
### METHODS -

- INK STAMP (ON FACE)
- INK JET (ON EDGE)
- END TAGS
- CERTIFICATE (EXCEPTIONAL CASES)

### CONTENT -

- CERTIFICATION MARK
- PLANT IDENTIFIER (NAME, CODE OR MONOGRAM)
- STANDARD
- PRESERVATIVE
- RETENTION

EXAMPLE:



**COMING ISSUES FOR THE WOOD PRESERVATION  
INDUSTRY THAT MAY INVOLVE THIRD PARTY  
"INSPECTION"**

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**ISO 9000 SERIES OF STANDARDS:**

**THERE IS A RAPIDLY GROWING TREND FOR PURCHASERS TO REQUIRE THEIR SUPPLIERS TO HAVE QUALITY SYSTEMS THAT MEET THE APPROPRIATE ISO 9000 STANDARD. NORMALLY "REGISTRATION" (CERTIFICATION) OF THE QUALITY SYSTEM BY AN ACCREDITED QUALITY SYSTEMS REGISTRATION ORGANIZATION IS BEING REQUIRED AS PROOF OF CONFORMANCE.**

**RECOMMENDATION TO INDUSTRY: BECOME FAMILIAR WITH WHAT THE STANDARDS ARE, AND ASSESS YOUR COMPANY'S POSITION.**

**ISO 14000 SERIES OF STANDARDS:**

**A SERIES NUMBER ASSIGNED TO AS YET UNWRITTEN STANDARDS ON "ENVIRONMENTAL MANAGEMENT SYSTEMS" - SIMILAR CONCEPT TO ISO 9000 QUALITY (MANAGEMENT) SYSTEMS STANDARDS.**

**A REQUIREMENT FOR SOME FORM OF THIRD PARTY INVOLVEMENT MAY WELL RESULT.**

**RECOMMENDATION TO INDUSTRY: PARTICIPATE IN, OR TRACK THE STANDARDS DEVELOPMENT PROCESS (THROUGH YOUR INDUSTRY ASSOCIATION?).**