

WOOD CHEMICAL AND SEASONING IN P R WOOD DRYING

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GSTIN : 08AAVFP7908B1ZV

PAN CARD : AAVFP7908B

UDYAM REG.NO : RJ170011823

MAIN ACTIVITY

- 1- WOOD PROCUREMENT .
- 2- WOOD MEASUREMENT.
- 3- CHEMICAL TREATMENT .
- 4- CHECK CURCUMIN SPOT TEST(BORAX&BORIC) WEEK WISE .
- 5- WOOD SEGREGATION IN LENGTH WISE .
- 6-MOISTURE LEVEL 6TO 10 %.
- 7- WOOD QUALITY (like –bark , insect, decay, uneven thickness, bending are avoided.)

WOOD SPECIES AND THEIR SEGREGATION

- 1- MANGO WOOD
(MANGIFERA INDICA)
 - WHITE OAK ,ASH ,TEAK
 - PROCURE IN ALL SIZE .
 - 1.5FT LONG TO 8FT
MAX.
 - WOOD PROCURE IN U.P
,M.P & GUJRAT STATE .
- 2- BABOOLWOOD
(ACACIA NILOTICA).
 - SHISHAM WOOD
 - PROCURE IN ALL SIZE .
 - 1.5FT LONG TO 8FT
MAX.
 - WOOD PROCURE IN
RAJASTHAN STATE .

WOOD CHEMICAL THROUGH VPI METHOD

- FACTORY HAVE SOP TO OPERATE THE VPI MACHINE BY THEIR OWN SKILLED OPERATOR .
- THEY HAVE 150 CFT CAPACITY TANK .
- USE BORAX & BORIC POWDER @2TO 2.5 % CONCENTRATION AS RECOMMENDED AND GUIDELINE .
- FACTORY HAVE STRENGTH TO CHEMICAL OF WOOD AVG IN PER DAY 300 CFT .
- BORAX IS USEFUL AGAINST INSECT , TERMITE , AND FUNGUS.

CHEMICAL TREATMENT PROCESS OF WOOD BY VPI PROCESS



USE BORAX & BORIC
PRESERVATIVE MIX WITH
EQUAL RATIO



FILL THE CELL WITH PLANK'S BY
MANUALLY PROCESS (APPROX 135
TO 150 CFT)



PLANKS UNDER THE VPI TANK FOR 3
HOURS .



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CHECK CURCUMIN TEST



**SPOT TEST
CHECK IN SIDE
GRAIN WITH END
GRAIN**



**SHOW
YELLOW
SPOT IS THE
FIRST STEP
TO CHECK
BORAX**



**ALL
THICKNESS
PLANKS ARE
TESTED BY
CHEMICAL'S**



CHECK CURCUMIN TEST



2ND STEP TO CHECK
BORAX SHOW AS A
DARK RED OR ORANGE
COLOUR ,IF FOUND SO IT
MEANS WOOD
PRESERVATIVE PROPER
RETAINED IN PLANK
GRAIN



KILN SEASONING



- FACTORY HAVE ONLY NON AUTOMATIC KILN CHAMBER'S .
- FACTORY HAVE 2 RUNNING KILN CHAMBER AND PLANNING 2 MORE NEW CHAMBER .
- EVERY CHAMBER HAVE 1000 CFT CAPACITY .
- AS PER WOOD SPECIES EVERY WOOD HAVE THEIR DIFFER DENSITY SO THEIR DRYING PERIOD ARE DIFFER .
- USE 1 " THICK PLANKS ACACIA AND MANGO WOOD SPECIES CONSUME 7-8 DAYS .
- USE 1.5" THICK PLANKS BOTH SPECIES CONSUME 10-11 DAYS .
- USE 2 " THICK PLANK BOTH SPECIES CONSUME 12-14 DAYS .

PLANKS SEGREGATION AND STACKING



- FACTORY START PLANK SEGREGATION AFTER CHEMICAL & KILN SEASONING .
- PLANKS ARE STACKING MANUALLY NOT MECHANISED , BUT FACTORY HAVE APPROX MORE THEN 50000 CFT SHEAD AREA TO STORE THE KINL WOOD AT ANY TIME .
- FACTORY HAVE CAPACITY TO PRODUCE SEASONED WOOD IN MONTH WISE 4500 TO 5000 CFT
- IT'S A NEW FACTORY UNDER DEVELOPING STAGE AND FOCUS IN UPCOMING 6 MONTH THEY WILL START 2 NEW CHAMBER WITH 2000 CFT CAPACITY .
- NOW THEY HAVE 2 CHAMBER'S , AND EACH CHAMBER ARE 1000 CFT .