

Dry wood after treatment application

Overview

This standard covers the skills and knowledge required to dry wood at the end of the treatment application process. To do this you will need to make sure the equipment is safe and the treatment cycle completed, move the wood to a drying area, and correctly identify when the wood is dry enough for dispatch or storage.

This applies to anyone involved with wood treatment and preservation.

Performance criteria

You must be able to:

1. comply with health and safety requirements and procedures at all times
2. obtain specifications and requirements of the items to be produced following standard operating procedures
3. obtain equipment and materials required following standard operating procedures
4. check equipment is set up correctly and in good working order following standard operating procedures and any manufacturer's instructions
5. check all materials required meet specifications and are free from faults following standard operating procedures
6. check treatment cycles have been completed and it is safe to unload wood from the treatment machinery and equipment following standard operating procedures
7. unload wood from treatment application equipment following standard operating procedures
8. move freshly treated wood to an appropriate post-treatment drying area following standard operating procedures
9. dry chemically treated wood complying with relevant legislation and industry standards
10. check ventilation levels meet relevant requirements
11. use appropriate personal protective equipment following standard operating procedures
12. identify when wood is ready to be moved from post-treatment drying area for dispatch or storage following standard operating procedures
13. identify any problems and rectify within the limits of your responsibility
14. report any problems outside the limits of your responsibility to appropriate people following standard operating procedures

Knowledge and understanding

You need to know and understand:

1. relevant health and safety responsibilities
2. meaning of terms used in specifications
3. how to check equipment is set up and is in good working order
4. how to check materials and the common faults that can occur
5. differences between softwood and hardwood and impact this has on wood products you are involved with
6. ways to improve wood's durability performance
7. how wood treatment can improve wood's ability to resist fungal decay, insect attack or fire
8. performance and natural durability classes of different woods
9. permeability and suitability for treatment of different species
10. how to protect wood from uptake of moisture, staining, distortion, deterioration or other degrade
11. types of treatment available relevant to your work, levels of protection they provide and when it is appropriate to use them
12. application processes for different types of wood treatment
13. effects of wood treatments and exterior coatings on wood structure, properties, durability and appearance
14. treatment equipment and ancillary equipment associated with treating wood and how to unload them correctly
15. how to identify when machinery has reached the end of its treatment cycle and is ready for unloading
16. how to identify appropriate areas to dry treated wood
17. how to identify when the wood treatment is sufficiently dry for storage or dispatch
18. where to get up to date information on regulations, industry standards and company policies related to wood treatment
19. personal protective equipment and local exhaust ventilation used
20. limits of your responsibility in relation to rectifying problems or faults
21. who to report problems outside the limits of your responsibility to and appropriate ways to do so

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