

Install structural supports

Overview

This standard covers the skills and knowledge required to install standard frames and supports for solid surfaces, such as ladder frameworks. It covers preparing work areas, interpreting drawing and specifications, setting out frameworks and installing frameworks.

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Performance criteria

You must be able to:

1. comply with health and safety requirements and procedures at all times
2. obtain specifications and requirements 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 materials required meet specifications and are free from faults following standard operating procedures
6. set out frameworks to meet drawings and specifications
7. place centre intervals at an appropriate length to meet specifications
8. line up cross members with the carcass ends to meet specifications
9. fit frameworks to meet drawings and specifications and within required tolerances

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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 common faults that can occur
5. length of centre intervals
6. why it is important that cross members line up with carcass ends
7. why silicone is applied to underside of solid surfaces
8. thermal movement of solid surfaces
9. thermal movement tolerances of solid surfaces used

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