

## Profile Chart: Pre-engineered Building Erector - Technical Training

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|---|--|---|---|---|---|
| <b>Course A:</b><br>Occupational Skills                           | A1<br>Orientation I: Structure and Scope of Pre-engineered Building Erector Trade<br>Level: 1 Hours: 7 | A2<br>Trade Safety Awareness<br>Level: 1 Hours: 7   | A3<br>Tools and Equipment<br>Level: 1 Hours: 21           | A4<br>Computer Applications and Pre-engineered Building Erector Trade<br>Level: 1 Hours: 16 | A5<br>Communication and Trade Documentation<br>Level: 1 Hours: 7    |
|   | A6<br>Oxy-Fuel Cutting<br>Level: 1 Hours: 20   | A7<br>Introduction to Welding<br>Level: 1 Hours: 20                                       | A8<br>Hoisting, Lifting and Rigging<br>Level: 1 Hours: 42 | A9<br>Reinforcing I<br>Level: 1 Hours: 42   | A10<br>Orientation II: The Job of Journeywork<br>Level: 2 Hours: 21 |
|   | A11<br>Pre-Certification Review<br>Level: 2 Hours: 35  |   |   |   |   |
| <b>Course B:</b><br>Drawing, Interpretation and Trade Mathematics | B1<br>Drawings<br>Level: 1 Hours: 21   | B2<br>Introduction to Pre-engineered Building Erector Drawings<br>Level: 2 Hours: 60      | B3<br>Trade Related Mathematics<br>Level: 2 Hours: 24     |   |   |
|   | <b>Course C:</b><br>Pre-engineered Building Erector Fundamentals                                       | C1<br>Access Equipment<br>Level: 1 Hours: 21  | C2<br>Introduction to Cranes<br>Level: 1 Hours: 21        | C3<br>Structural Components<br>Level: 1 Hours: 21   | C4<br>Pre-engineered Structures<br>Level: 1 Hours: 35               |
| <b>Course D:</b><br>Pre-engineered Building Erection Systems      | D1<br>Primary Structure Erection (Levelling and Squaring Buildings)<br>Level: 2 Hours: 30              | D2<br>Secondary Structure Erection (Purlins, Girts and Base Angled)<br>Level: 2 Hours: 30 | D3<br>Specialty Structures<br>Level: 2 Hours: 40          | D4<br>Wall Systems<br>Level: 2 Hours: 40  | D5<br>Roof Systems<br>Level: 2 Hours: 40                            |
|   | D6<br>Windows and Doors<br>Level: 2 Hours: 7   | D7<br>Pre-engineered Building Maintenance and Repair<br>Level: 2 Hours: 16                | D8<br>Pre-Erection Site Inspection<br>Level: 2 Hours: 7   |   |   |