



## **Hard Metal Roofing Systems L.I.o.R Course Schedule**

### **Specialist Roof Management & Technician Course**

To be used in conjunction with The Institute of Roofing syllabus knowledge requirements

#### **Method:**

Interactive Conference Room Presentations, Practical Workshop Experience using Hard Metal Roofing Systems products and systems.

We believe practical, 'hands on' usage of products and systems is invaluable to give candidates an enjoyable, true understanding of the products and systems involved.

#### **Notes:**

The Order of Modules is variable to suit needs, apart from Day One also the Examination and the Revision / mock exam day preceding it.

Comprehensive notes are provided prior to, during, or following each days training.

Home & self study is encouraged to widen knowledge and confidence

Day	Date	Module Contents	Source
1		Weights of various roofing materials and implications for structure and design Costs of various roofing materials as above Setting out roofs Material storage Condensation, Causes and Cures Insulation Pressure testing buildings Ventilation Warm Roofs Cold Roofs u values, R values Aerodynamics on roofs Hard Metal Roofing Installation Systems. System properties	

<p><b>2</b></p>	<p>Understanding site and roof plans and common abbreviations  Understanding and generating simple scale in drawings  Standard Method of Measurement i.e. SMM7  Bills of Quantities  Basic math formulas for areas  Estimating areas of various roof shapes and thus quantities of products</p>	
<p><b>3</b></p>	<p>CDM Regulations in outline and it's implications  NVQ  NBS  Relevant British Standards eg 5250  Approved Documents eg. 'C'  Building Regulations  Agreement certificates  Regulatory Bodies e.g. NHBC  Ventilation causes and controls</p>	
<p><b>4</b></p>	<p>Working at Height, Mobile Towers Ladder access  HSAWA  Restraint and fall arrest systems  Scaffold Regulations</p>	

		<p>Improvement and Prohibition Notices</p> <p>Understanding CSCS</p> <p>Abrasive wheels</p> <p>PPE</p> <p>RIDDOR</p> <p>LPG</p> <p>COSHH</p> <p>Lifting</p> <p>Asbestosis and regulations re removal</p> <p>Company Safety Policies</p>	
<b>5</b>		<p>Outline management skills eg recruitment, appraisals, retirement, disciplinary procedures or dismissal</p> <p>Contract planning e.g. Critical Path, Bar Charts Quotations v Estimates</p> <p>PC Sums Fixed and Fluctuating</p> <p>Retention / Day work</p> <p>Site personnel and function eg QS Site Agent / Manager / Clerk of Works etc</p> <p>Roofing Bodies eg, NFRC, IoR, RICS. ARIBA , NHBC etc</p> <p>JCT Contracts</p> <p>VAT</p> <p>HMRC</p> <p>Toolbox talks, what, why, where, etc.</p>	

<b>6</b>		Hard Metal Roofing and Cladding Systems Underlays Costing and Pricing Handling Design Chemical reactions of materials Consideration of different substrates Fixing Methods Condensation risks	