

Lifting Equipment Inspection

Duration	1 Day
Target group	<p>With the history of the failure of lifting equipment, whether its mobile cranes tipping over, or slings, shackles or eyebolts failing for various reasons, inevitably leading to Human Error.</p> <p>Your companys first line of defence should be Pre-Use Inspection. Many companies now employ a second line of in-house defence, in that they have carefully identified staffs who conduct detailed inspection of their lifting equipment, backed up with an inspection report.</p> <p>We will give a presentation to your selected staff covering the legal aspects of inspection followed by a practical inspection of equipment.</p>
Prerequisites	Not applicable for this course
Objective	This course will enable the delegate to gain a better understanding of the Loler Regulations and the practical experience of inspecting lifting Equipment and Accessories. This course is a combination of both theory and practical content
Contents	<p>Legislation: British Standards/LOLER/Fleet angles</p> <p>Rope construction and characteristics</p> <p>Wire rope inspection</p> <p>Make up of steel wire ropes, assessment of wire rope condition</p> <p>Cores: Fibre and steel, wire rope maintenance</p> <p>General purpose wire ropes, assessment of discard criteria</p> <p>Round strand ropes, broken wires/wear</p> <p>Different rope lays, localised broken wires</p> <p>Wire rope terminations</p> <p>Eyes and ferrules</p> <p>Rope drums</p> <p>Rope selection for different drums</p> <p>Defects to be considered during inspection</p> <p>Inspection of slings, shackles, chain hoists, pull lifts, tirlors and beam clamps</p>
Exam	<p>On successful completion of this course delegate will have completed a theoretical and participated in practical content relevant to this training</p> <p>On successful completion of this course delegates will be issued and In House Training providers certificate</p>