

## Guideline Criteria for Authorised Examiner for Lifting Equipment

Item Description	Criteria
1. Age	Above 21 years old and below 65 years old at last birthday.
2. Medically fit	Valid medical certificate from registered medical practitioner-to be submitted with application.
3. Academic Certification	<ul style="list-style-type: none"><li>(a) Either holds Chartered Engineering Degree with appropriate experience.</li><li>(b) Or a recognised HND in mechanical engineering or equivalent. and holds the professional qualifications in the following categories.</li></ul>
4. Professional Qualification	<p><b>A-</b> In respect of Category A: Lifting Accessories which are defined as Lifting Accessories or Loose Gear attaching loads to Lifting Appliances (Attachments or Lifting Gear, also known as Lifting Jackets). Examples are like Runway Shackles, Slings, Rings, etc.,</p> <ul style="list-style-type: none"><li>1. Rigging and slinging.</li><li>2. LEEA part 1 (Lifting Equipment Engineers Association) P1E - Part 1 Entrance Certificate.</li><li>3. LEEA part 2 for LEG - Lifting Equipment General Diploma.</li><li>4. CSWIP 3.0 (Certification Scheme for Welding and Inspection Personnel).</li><li>5. NDT (Non-Destructive Testing) for MPI Magnetic particle Inspection and DP (Dye Penetrant).</li></ul>

**B-** In respect of Category B: Manual Lifting Equipment which covers a wide range of Equipment used for lifting and means any stationary or mobile Equipment including attachments for anchoring, fixing or supporting that Equipment which is operated solely by means of the operator without any powered assistance,

1. Rigging and slinging.
2. LEEA part 1 (Lifting Equipment Engineers Association) P1E - Part 1 Entrance Certificate.
3. LEEA part 2 for LEG - Lifting Equipment General Diploma.
4. CSWIP 3.0 (Certification Scheme for Welding and Inspection Personnel).
5. NDT (Non-Destructive Testing) for MPI Magnetic particle Inspection and DP (Dye Penetrant).
6. LEEA part 3 for LMM - Lifting Machines Manual Diploma
7. LMP - Lifting Machines Power Diploma

**C-** In respect of Category C: - Powered Lifting Equipment which covers a wide range of Equipment used for lifting load either vertically or horizontally or both and means any stationary or mobile Equipment including attachments for anchoring, fixing or supporting that Equipment, which is operated by means of motive power e.g. electric, hydraulic or pneumatic or

other powered means of which are Mobile Cranes, Overhead Cranes, Tower Cranes, Crawler Cranes, Gantry Cranes, Jib Cranes, Slewing Jib Cranes, Derrick Cranes, Construction Hoists, Cradles, Elevators, Escalators, etc.,

1. Rigging and slinging.
2. LEEA part 1 (Lifting Equipment Engineers Association) P1E - Part 1 Entrance Certificate.
3. LEEA part 2 for LEG - Lifting Equipment General Diploma.
4. CSWIP 3.0 (Certification Scheme for Welding and Inspection Personnel).
5. NDT (Non-Destructive Testing) for MPI Magnetic particle Inspection and DP (Dye Penetrant).
6. LEEA part 3 for LMM - Lifting Machines Manual Diploma
7. LEEA part 4 LMP - Lifting Machines Power Diploma
8. LEEA part 5 RCS - Runways & Crane Structures Diploma
9. LEEA part 6 OCE - Offshore Container Diploma.
10. LEEA part 7 OTC Overhead Travelling Crane Diploma
11. LEEA part 8 MCE Mobile crane examination
12. API (American Petroleum Institute) 2D (for offshore crane inspector)
13. CSWIP 3.1.

5. Technical Experience

(a) In respect of a Senior Inspector:

He must have at least 15 years of hands-on experience within a relevant engineering discipline of which at least 10 years shall have been spent working within an engineering discipline related to lifting equipment or if he holds a B.Sc. Engineering Degree, shall have at least 8 years' experience with minimum 4 years working within an engineering discipline related to lifting equipment.

(b) In respect of an Inspector:

He must have at least 3 years hands-on experience spent working within an engineering discipline related to lifting equipment or if he holds a B.Sc. Engineering Degree, shall have at least one year's experience working within an engineering discipline related to lifting equipment.

6. Standards and Codes

Familiar with codes and standards related to lifting equipment and steel structure such as ASME, ANSI, API, BSEN, BS, ISO etc.