

**Statutory Tests and/or Inspections Required for Contractors Plant**  
 (As prescribed in Safety, Health and Welfare at Work (General Applications) Regulations 2007)

- Safety, Health and Welfare at Work (General Applications) Regulations 2007 come into operation on 1<sup>st</sup> November, 2007. Regulations 80 to 103 of the Safety, Health and Welfare at Work (Construction) Regulations 2001, which dealt with Contractors Plant will be revoked from that date.
- Part 2, Chapter 2 of Safety, Health and Welfare at Work (General Applications) Regulations 2007 deals with the 'Use of Work Equipment' which includes Contractors Plant.
- An item of work equipment may not be specified in the Regulations, but still may require inspection and / or testing. Regulation 30 covers such items. Examples of such work equipment would be boom type concrete pumps and cement tankers.
- Parts B, C and E of Schedule 1 of the Regulations are included in the Appendix to this document. Part B details the periods within which thorough examinations of lifting equipment must occur, Part C details circumstances requiring testing of lifting equipment as part of a thorough examination and Part E details Information to be contained in report of thorough examination.
- Requirements for inspection and testing Air Receivers are prescribed in Factories Act, 1955 and Safety in Industry Act, 1980. There would be an air receiver in most compressors.
- Forms for recording the results of tests and / or inspections are no longer prescribed. Any form can be used, provided the information specified in Part E of Schedule 1 of the Regulations is included.
- Regulation 54. (2)(a) states that *“a register of lifting equipment and lifting accessories containing details of the equipment, distinguishing number, date of first use and date of last thorough examination and testing is maintained and kept available for inspection by an inspector.....”*
- Regulation 31 deals with maintenance and 31. (a) states that *“An employer shall ensure that throughout its working life work equipment is kept, by means of adequate maintenance, at a level such that it complies with the provisions of this Chapter. Regulation 31. (d) states that “a maintenance log for any machine is kept up to date”.*

**Excavators, draglines, telehandlers, loaders or combined excavators and loaders when used as cranes**

Regulation No	What is required?	Who completes it?	When is it required?
55. (2)(a)(ii)	Certificate of Safe Working Load	Competent Person.	Before machine is first used as a Crane or after any substantial alteration or repair.
55. (2)(j)	Report of Results of thorough examination.	Competent Person.	Every 12 months or after substantial alteration or repair.
43. (1)(f)	Report of results of weekly inspection.	User.	Weekly.
43. (2)	Report of the Results of Test and Thorough Examination.	Competent Person.	After any substantial alteration or repair affecting its strength or stability.

**Statutory Tests and/or Inspections Required for Contractors Plant**  
 (As prescribed in Safety, Health and Welfare at Work (General Applications) Regulations 2007)

**Notes:**

- In Regulation 55, reference to “machine” is a reference to an “excavator, dragline, telehandler, loader or combined excavator and loader when used as a crane”.
- Regulation 55 (2)(f) states that “An employer shall ensure that hydraulically-operated machines, except for machines with a maximum rated lift capacity of a 1,000 kg or less, are fitted with check valves on the cylinders used for lifting or by another means to prevent a gravity fall of the load in the event of a hydraulic failure”.
- Regulation 55 (2)(g) states that “An employer shall ensure that in the case of a telehandler, the safe working load is not greater than 1,000 kg unless fitted an automatic safe load indicator or rated capacity indicator”.
- Regulation 55 (2)(h) states that “An employer shall ensure that unless a machine is fitted with an automatic safe load indicator or a rated capacity indicator, the safe working load is the same for all radii at which a jib or boom is operated and is not greater than the load which the machine in its least stable configuration is designed to lift with that jib or boom.”
- If ropes are fitted to the machine, as in draglines, certificates of Test and Examination of all ropes including derrick, suspension & hoist, should be available for inspection by the competent person. The Regulations do not specifically require it, but best practice does.

**Lifting Accessories**

Regulation No	What is required?	Who completes it?	When is it required?
57. (1)(a)(v)	Certificate of Test & Examination	Manufacturer / Supplier.	When supplied and while Lifting Accessories are in use.
57. (1)(a)(v)	Report of Results of thorough examination.	Competent Person.	Every six months.
57.1 (i)	Report of annealing or appropriate heat treatment.	Competent Person.	When Heat Treated and at intervals as specified by the Competent Person.

**Notes:**

- “Lifting Accessories include clamps and similar attachments, chain slings, rope slings, rings, hooks, shackles, swivels, spreader beams, spreader frames and any other item placed between lifting equipment and the load or on the load in order to attach it, but excluding features of the load used for its lifting.”
- Certificate of Test & Examination is not required for a fibre rope or a fibre rope sling. Regulation 57. (1)(a)(vi) states that “ in the case of a fibre rope or fibre rope sling, information from the manufacturer on its safe working is available” and 57. (1)(vii) states that “it is marked in plane legible figures and letters with the safe working load and a means of identification...”

**Statutory Tests and/or Inspections Required for Contractors Plant**  
 (As prescribed in Safety, Health and Welfare at Work (General Applications) Regulations 2007)

**Mobile Crane**

Regulation No	What is required?	Who completes it?	When is it required?
52. (3)	Certificate of Test & Thorough Examination.	Competent Person.	Before taken into use, every 4 Years or after any substantial alteration or repair.
52. (3)	Report of Results of thorough examination .	Competent Person.	Every 12 months
43. (1)(f)	Report of results of weekly inspection.	User.	Weekly.

**Note:** Certificates of Test and Examination of all Crane ropes, including derrick, suspension & hoist, should be available for inspection by the competent person. The Regulations do not specifically require it, but best practice does.

**Tower Crane**

Regulation No	What is required?	Who completes it?	When is it required?
43. (1)(e)(i)	Certificate of Test & Thorough Examination.	Competent Person.	Each time crane is erected, every 4 Years or after any substantial alteration or repair.
52. (3)	Report of Results of thorough examination.	Competent Person.	Every 12 months.
43. (1)(f)	Report of results of weekly inspection.	User.	Weekly.

**Note:** Certificates of Test and Examination of all Crane ropes, including trolley, suspension & hoist, should be available for inspection by the competent person. The Regulations do not specifically require it, but best practice does.

**Statutory Tests and/or Inspections Required for Contractors Plant**  
 (As prescribed in Safety, Health and Welfare at Work (General Applications) Regulations 2007)

**Mobile Elevating Work Platform**

Regulation No	What is required?	Who completes it?	When is it required?
52. (3)	Certificate of Test & Thorough Examination.	Competent Person.	Before taken into use in any place of work for the first time, or after any substantial alteration or repair affecting its strength or stability.
52. (1)(c)(ii)	Report of Results thorough examination.	Competent Person.	Every six months or after any alterations or repairs relevant to the safe operation of the equipment.
43. (1)(f)	Report of results of weekly inspection.	User.	Weekly.

**Telescopic Handler**

Regulation No	What is required?	Who completes it?	When is it required?
52. (3)	Certificate of Test & Thorough Examination.	Competent Person.	Before taken into use in any place of work for the first time, or after any substantial alteration or repair affecting its strength or stability.
52. (3)	Report of Results of thorough examination.	Competent Person.	Every 12 months or after substantial alteration or repair.
43. (1)(f)	Report of results of weekly inspection.	User.	Weekly.

**Note:** If a Telescopic Handler is used to lift persons, then it must be thoroughly examined every 6 months.

**Statutory Tests and/or Inspections Required for Contractors Plant**  
**(As prescribed in Safety, Health and Welfare at Work (General Applications) Regulations 2007)**

**360° Telescopic Handler**

Regulation No	What is required?	Who completes it?	When is it required?
52. (3)	Certificate of Test & Thorough Examination.	Competent Person.	Before taken into use in any place of work for the first time, or after any substantial alteration or repair affecting its strength or stability.
52. (3)	Report of Results of thorough examination.	Competent Person.	Every 12 months.
43. (1)(f)	Report of results of weekly inspection.	User	Weekly.

**Notes:**

- If a lifting winch is fitted, Certificate of Test and Thorough Examination is also required every four years .
- Certificate of Test and Examination of Hoist rope should be available for inspection by the competent person. The Regulations do not specifically require it, but best practice does.
- If a Telescopic Handler is used to lift persons, then it must be thoroughly examined every 6 months.

**Other Lifting Equipment including Hoists or Lifts, Suspended Access Equipment, Mast Climbing Work Platforms, Winches**

Regulation No	What is require?	Who completes it?	When is it required?
52. (3)	Certificate of Test & Thorough Examination.	Competent Person.	Before taken into use in any place of work for the first time, or after any substantial alteration or repair affecting its strength or stability.
52. (3)	Report of Results of thorough examination.	Competent Person.	Every 12 months.
43. (1)(f)	Report of results of weekly inspection.	User	Weekly.

**Statutory Tests and/or Inspections Required for Contractors Plant**  
**(As prescribed in Safety, Health and Welfare at Work (General Applications) Regulations 2007)**

**Air Receivers**

Form No	What is required?	Who completes it?	When is it required?
<b>Form not prescribed.</b>	Certificate of Test of: <b>Air Receiver.</b>	Manufacturer / Competent Person.	Before taken into use.
<b>F.I. 1044.</b>	Report of Examination of Air Receiver.	Competent Person.	Every Twenty-six months.

**Notes:**

- **Factories Act, 1955 Section 42 (6) states that ‘Every air receiver shall be thoroughly cleaned and examined at least once in every period of twenty-six months, but in the case of a receiver of solid drawn construction –**
  - (a) **the person making any such examination may specify in writing a period exceeding twenty-six months but not exceeding four years within which the next examination is to be made, and**
  - (b) **if it is so constructed that the internal surface cannot be thoroughly examined, a suitable hydraulic test of the receiver shall be carried out in lieu of internal examination.’**
- **Safety in Industry Act, 1980 Section 33 (7A)(a) states ‘An air receiver which has previously been used shall not be taken into use in any factory for the first time in that factory until it has been thoroughly examined and tested by a competent person so far as the construction of the receiver permits.’**
- **Safety in Industry Act, 1980 Section 33 (7B) states ‘A new air receiver shall not be taken into use in any factory unless –**
  - (a) **there has been obtained from the manufacturer, or from a competent person, a certificate specifying the maximum permissible working pressure thereof and stating the nature of the tests to which the air receiver and fittings have been submitted’ .**
- **S.I. No. 185 of 1956 – ‘FACTORIES (REPORT OF EXAMINATION OF AIR RECEIVERS) REGULATIONS, 1956’ prescribes the information to be included in every examination and test of an air receiver.**  
**It is the information which is prescribed, not the forms on which it is presented. That is why some Insurance Companies use their own F.I. 1044 forms.**

**Statutory Tests and/or Inspections Required for Contractors Plant**  
**(As prescribed in Safety, Health and Welfare at Work (General Applications) Regulations 2007)**

**Appendix**

**Part B — Period of thorough examination of lifting equipment, lifting accessory equipment or other miscellaneous equipment.**

<b>Column 1</b>	<b>Column 2</b>
<b>Description of lifting equipment or lifting accessory or other miscellaneous equipment</b>	<b>Period within which a thorough examination must occur</b>
Hoist or Lift	6 months
Tailboard goods lift	12 months
Suspended access equipment	6 months
Mast climbing work platform	6 months
Lifting accessories including chains, ropes, rings, hooks, shackles, clamps, swivels, spreader beams and spreader frames, vacuum lifting devices	6 months
Items provided for support of lifting equipment	12 months
Mobile elevating work platform	6 months
Crane	12 months
Tower crane climbing rig	6 months
Crane used in dock work, shipbuilding, ship-repairing	12 months
Fork lift truck including interchangeable accessories	12 months (6 if used to lift persons)
Telehandler including interchangeable accessories	12 months (6 if used to lift persons)
Vehicle lifting table	12 months
Hoisting equipment on fishing vessels	12 months
Winches used for lifting loads	12 months
Other lifting machines (materials only) unless specified in Part D of this Schedule	12 months
Other lifting machines (personnel) unless specified in Part D of this Schedule	6 months
Equipment located in premises used primarily for generating, transforming switching or otherwise regulating electrical energy.	In compliance with a scheme of inspection and testing drawn up by a competent person
Patient hoist	6 months

**Statutory Tests and/or Inspections Required for Contractors Plant**  
 (As prescribed in Safety, Health and Welfare at Work (General Applications) Regulations 2007)

**Part C— Circumstances requiring testing of lifting equipment as part of a thorough examination.**

<b>Column 1</b>	<b>Column 2</b>
<b>Description of Equipment</b>	<b>Period within which or conditions under which testing is required</b>
All lifting equipment	After any substantial alteration or repair affecting its strength or stability
Fixed lifting equipment	Before first use
Tower crane	After each assembly and every 4 years
Mobile crane	Every 4 years
Winch	Every 4 years
Self erecting crane	After erection and before first use on site and after any change in configuration or support conditions
Pulley block, gin wheel, sheer legs used with loads weighing 1,000 kg or more	Before first use in a new position



**Statutory Tests and/or Inspections Required for Contractors Plant**  
**(As prescribed in Safety, Health and Welfare at Work (General Applications) Regulations 2007)**

**Part E — Information to be contained in  
report of thorough examination**

1. The name and address of the employer or owner for whom the thorough examination was made.
2. The address of the premises at which the thorough examination was made.
3. Particulars sufficient to identify the lifting equipment including, where known, its date of manufacture.
4. Date of this examination and date of the last thorough examination if known.
5. The safe working load of the lifting equipment or, where its safe working load depends on the configuration of the lifting equipment, its safe working load for the different configurations that have been determined.
6. The purpose of the examination including examination before putting into use for the first time, examination after installation or after assembly at a new site or in a new location, examination after repairs or alterations and periodic examination.
7. In relation to every thorough examination of lifting equipment—
  - (a) identification of any part found to have a defect which is or could become a danger to persons and a description of the defect;
  - (b) particulars of any repair, renewal or alteration required to remedy a defect found to be a danger to persons
  - (c) In the case of a defect which is not yet but could become a danger to persons—
    - (i) the time by which it could become such danger;
    - (ii) particulars of any repair, renewal or alteration required to modify it;
  - (d) the latest date by which the next thorough examination must be carried out;
  - (e) where the thorough examination included testing, particulars of any test;
  - (f) identification of parts not accessible for examination.
8. The name, address and qualifications of the individual making the report and, where appropriate, the name and address of the individual's employer.
9. Where appropriate, the name and position of a person signing or authenticating the report on behalf of its author.