



Vetting Guide for LME's & LMI's

Assisting you to select
the right service provider



INDEX PAGE



Document Objectives	3
Required Documents	4
The LME Certificate	5
The LMI Certificate	8
LMI Registration Verification	10
Incorporated Standards	12
Inspection Intervals	13
6 Monthly Inspection	14
Annual Inspection Load Test	15
Functions of an LME	16

Lifting Equipment Engineering Association of South Africa
+27 (0) 79 658 5602  **admin@leeasa.co.za**  **www.leeasa.co.za**

Disclaimer: LEEASA will not be held responsible for any errors or omissions in this publication and no responsibility will be borne by LEEASA for the consequences of any actions based on information so published.

Copyright: All material published in this vetting guide is copyrighted to LEEASA. No part of the material may be quoted, photocopied, reproduced or stored electronically without prior written permission.



OBJECTIVE OF THIS DOCUMENT

1. To ensure that individuals and companies seeking the services of any Lifting Machinery Entity (LME) are properly informed when selecting a service provider.
2. To promote transparency between all stakeholders, including service providers, registered persons and the client.
3. To mitigate liability for the owner/user of the lifting machinery.
4. To mitigate overall risk on sites that utilise lifting machinery or lifting accessories.



IMPORTANT FOR THE OWNER / END USER TO KNOW!

- ABOUT LEGAL LIABILITY WITH REGARDS TO YOUR LIFTING EQUIPMENT



- The Occupational Health and Safety Act, Act 85 of 1993 - Driven Machinery Regulation 18 (DMR 18) is the legislation that governs the use, inspection and testing of lifting tackle, lifting machinery, and hand powered lifting devices.
- It is stipulated in DMR 18 that the owner/user is responsible for lifting machines on site. Therefore the appointed responsible person (16.1 & 16.2 appointee's) hold legal liability should any incident occur.
- The responsible person is responsible for appointing a entity to conduct inspections and testing on site.
- The responsible person needs to ensure that the service provider they use has all the necessary accreditation (LME & LMI Documents) with the correct scopes to cover the equipment that needs to be tested. The machinery must be inspected and tested in accordance with the DMR 18 and the relevant incorporated standards.
- Do not use service providers that do not cover the equipment you need tested.
Should an incident occur the responsible person will be held accountable and not the LME or LMI.



DOCUMENTS REQUIRED

NB: THESE DOCUMENTS NEED TO BE REQUESTED FROM EACH SUPPLIER.

We will explain how to vet these documents effectively further on in this document.

1. THE LIFTING MACHINERY ENTITY'S CERTIFICATE



- This is issued by the Department of Employment and Labour (DEL) to a lifting machinery entity. The document is issued with scopes of machinery which the Lifting Machinery Entity is certified to conduct inspections and testing on.

2. THE LIFTING MACHINERY INSPECTORS CERTIFICATE



- This is issued by The Engineering Council of South Africa (ECSA) to a lifting machinery inspector. The document is purely a certificate of registration and does not display the inspector's scopes of competence.

3. THE LIFTING MACHINERY INSPECTOR'S LETTER OF SCOPE



- This is issued by The Engineering Council of South Africa (ECSA) to a lifting machinery inspector. The document is issued with scopes of machinery which the inspector is certified to conduct inspections and testing on.

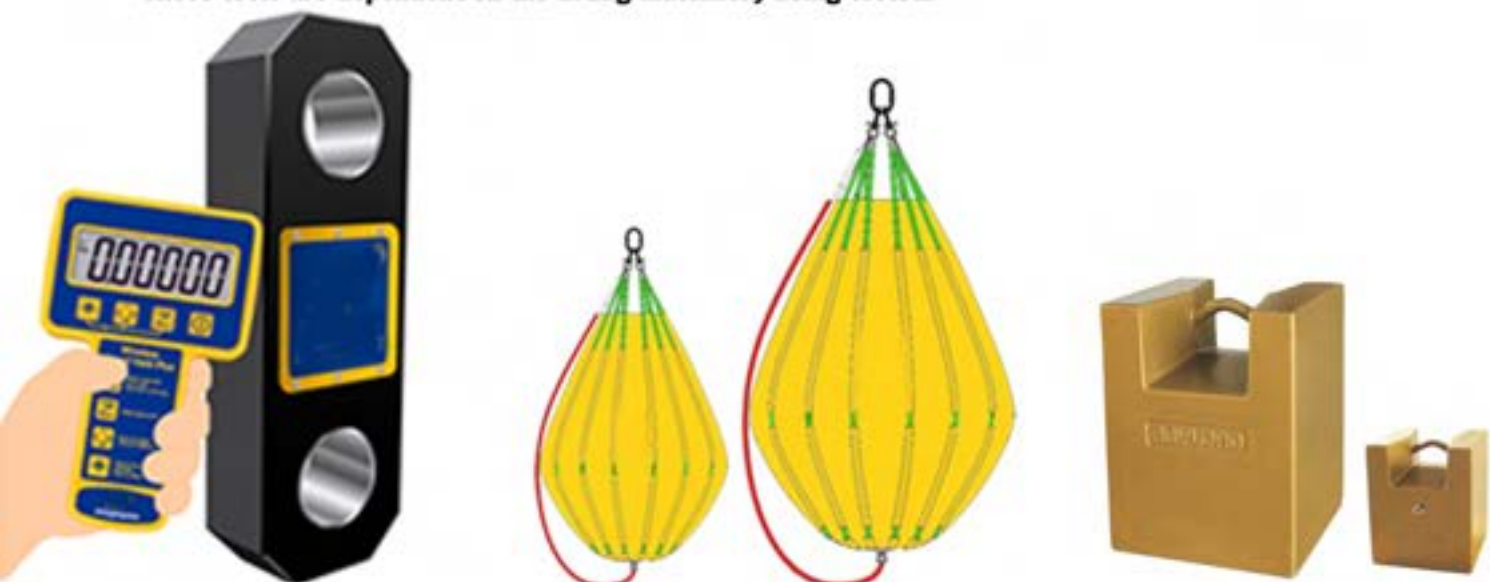
4. PROOF OF OWNERSHIP OF THE RELEVANT TECHNICAL STANDARDS



- These standards are required to inspect and test lifting machinery and accessories. It is a requirement that every LME and LMI has a up to date document of relevant technical standards. These standards are published by the South African Bureau of Standards and other internationally recognised standards.

5. PROOF OF ACCESS TO RELEVANT EQUIPMENT REQUIRED

- All lifting equipment testing and inspection require specialised tools that are very costly. These tools include measuring tools, solid test weights, load test water bags, calibrated load cells, to name a few. These tools are dependent on the lifting machinery being tested.



THE LIFTING MACHINERY ENTITY (LME) CERTIFICATE

THIS IS ISSUED BY THE DEPARTMENT OF EMPLOYMENT AND LABOUR

HOW DOES A LME CERTIFICATE WORK?

- A LME CERTIFICATE IS ISSUED BY THE DEL BASED ON THE ENTITIES PERMANENT EMPLOYEES QUALIFICATIONS AND SCOPE GRANTED BY ECSA.
- THE LME MUST HAVE PERMANENT EMPLOYEES AS STIPULATED IN DMR 18. THESE PERMANENT EMPLOYEES SCOPES AND QUALIFICATIONS WILL BE REGISTERED WITH THE DEL. SHOULD AN EMPLOYEE LEAVE THE ORGANISATION - THE EMPLOYER HAS 14 WORKING DAYS TO INFORM THE CHIEF INSPECTOR OF THE DEL.

HOW TO VET A LME CERTIFICATE



DEPARTMENT
OF LABOUR

Certificate

This is to certify that

NAME OF ENTITY

has been approved in terms of
Driven Machinery Regulation 18(5)
of the
Occupational Health and Safety Act, Act 85 of 1993
Examining and testing of lifting machinery and lifting tackle

Scope of Approval:

• Lifting Tackle	• Tail Lifts
• Lever Hoists	• Crawler Cranes
• Chain Blocks	• Jib Cranes
• Overhead Cranes	• Electric Chain Hoists
• Tower Cranes	• Truck Mounted Cranes
• Forklifts	• Mobile Elevated Work Platform
• Mobile Cranes	• Mounted Elevated Platform
• Reach Stackers	

Signed on: _____

Chief Inspector: _____

Name of LME

Scope of machinery the LME is registered to inspect and test

Date

Chief inspectors signature

LME number



NOTE: SOME ENTITIES HAVE UNDERGONE NAME CHANGES. IN THIS SITUATION THE DEL WILL ISSUE A NOTICE, AS BELOW TO SHOW THAT THE DEPARTMENT IS AWARE OF THE CHANGE IN NAME.

employment & labour
Department of Employment and Labour
REPUBLIC OF SOUTH AFRICA

Private Bag 6112, P.O. BOX 6112, 1016, Pretoria, South Africa 0001
Tel: 012 359 4444 Fax: 012 359 4444

Engineer: Tshona Mofhebe
Email: Tshona.mofhebe@del.gov.za
Tel: 012 359 4111
Fax: 012 359 4111
Cell: 076 758 3055

LME Name
LME Business Address

OCCUPATIONAL HEALTH AND SAFETY ACT, ACT 85 of 1993
LIFTING MACHINERY REGULATIONS 1983 APPROVED LIFTING MACHINERY ENTITY

Concerning your application for approval as a lifting machinery entity in terms of the above mentioned Act, we also take note of the following:

- Due to the reconfiguration of some of Government Departments, this Department has a new name and is now known as Department of Employment and Labour. As a result of these changes a new certificate has to be developed.
- In the interim kindly receive a certificate attached. This certificate is going to be withdrawn as soon as a new certificate is concluded.

[Signature]
Chief Inspector
Mr. Tshona Mofhebe

Date: 24/8/2020

Department of Employment and Labour - Department of Employment and Labour
Inquiries to the Department of Employment and Labour - Department of Employment and Labour - Department of Employment and Labour
Inquiries to the Department of Employment and Labour - Department of Employment and Labour - Department of Employment and Labour
Inquiries to the Department of Employment and Labour - Department of Employment and Labour - Department of Employment and Labour

VERIFICATION OF REGISTRATION OF THE LME AND TO VERIFY THAT THE NUMBER MATCHES THE ENTITIES NAME.

STEP 1 GO TO WEBSITE ADDRESS: WWW.LEEASA.CO.ZA



STEP 2 CLICK ON - "DOCUMENT LIBRARY"

THEN CLICK ON - "LME / LMI VALIDATION" THEN SELECT "LME VALIDATION" - THE LIST WILL DOWNLOAD.





STEP 3 **DOWNLOAD DOCUMENT AND VIEW.**

	COMPANY NAME	LME /CI NO

THIS LINK IS LINKED TO THE DEPARTMENT OF EMPLOYEMENT AND LABOURS WEBSITE.

THIS DOCUMENT MAY NOT BE UP TO DATE WITH NAME CHANGES OR NEW REGISTRATIONS.
SHOULD AN LME NAME OR NUMBER NOT APPEAR ON THE LIST - YOU CAN EMAIL US, AND WE
WILL ASSIST WITH THE VERIFICATION VIA THE DEPARTMENT OF EMPLOYMENT AND LABOUR.

EMAIL : LME@LEEASA.CO.ZA



employment & labour

Department:
Employment and Labour
REPUBLIC OF SOUTH AFRICA



YOU CAN NOW VERIFY THAT THE ENTITY NAME MATCHES THE ENTITY NUMBER.
THERE HAVE BEEN MANY CASES OF FRAUD WITH COMPANIES USING OTHER LME NUMBERS. WE HIGHLY RECOMEND THIS IS CHECKED.



THE LIFTING MACHINERY INSPECTOR (LMI) CERTIFICATE

THIS IS ISSUED BY THE THE ENGINEERING COUNCIL OF SOUTH AFRICA

- THE CLIENT NEEDS TO REQUEST TWO (2) DOCUMENTS PERTAINING TO THE LIFTING MACHINE INSPECTOR (LMI).

1. LMI CERTIFICATE

The LMI certificate is a certificate of registration as a Lifting Machinery Inspector with the Engineering Council of South Africa.

2. LMI LETTER OF SCOPES

The LMI letter of scopes is a letter issued by the Engineering Council of South Africa (ECSA), which states what lifting machinery the inspector is able to inspect and test. This is the most important document pertaining to the LMI.

1. LMI CERTIFICATE

Engineering Council of South Africa



This is to
certify
that

LMI FULL NAME

is registered as

Registered Lifting Machinery Inspector

*in terms of the Engineering Profession Act, 2000
(Act No. 46 of 2000)*

Date

DATE OF REGISTRATION

Registration
Number

LMI REGISTRATION NUMBER


President


Chief Executive Officer



THE CERTIFICATE WILL CONTAIN THE FOLLOWING INFORMATION

1. THE LMI'S FULL NAME.
2. THE LMI'S REGISTRATION CATEGORY (LIFTING MACHINERY INSPECTOR).
3. THE DATE OF REGISTRATION.
4. THE LMI'S REGISTRATION NUMBER.

THE LMI'S REGISTRATION STATUS MUST BE VETTED ON THE ECSA WEBSITE. THIS WILL BE EXPLAINED FURTHER IN THIS DOCUMENT.





- **THIS DOCUMENT IS THE MOST IMPORTANT DOCUMENT WHEN VETTING A SUPPLIER AND THEIR LMI'S.**
- **THE INSPECTOR MUST HAVE THE SCOPE FOR THE MACHINERY THEY ARE REQUIRED TO TEST.**
- **IF THE INSPECTOR CONDUCTS WORK OUTSIDE OF THEIR SCOPE GRANTED - THE CERTIFICATION IS CONSIDERED NOT VALID AND THE LIABILITY WILL FALL ON THE OWNER.**

ENGINEERING COUNCIL OF SOUTH AFRICA

REGISTRATION NO: **LMI REGISTRATION NUMBER**

Mr F S Nkomo Reg. LMI
P O Box 1784
LUSH-LANGA ROCKS
4335

DATE OF ISSUEDear Mr **LMI NAME**

REGISTRATION AS A LIFTING MACHINERY INSPECTOR IN TERMS OF THE ENGINEERING PROFESSION ACT, 2000 (ACT 46 OF 2000)

We have pleasure in informing you that your application for registration has been successful and that Council has resolved to register you as a Lifting Machinery Inspector with effect from **DATE OF REGISTRATION**.

You should acquaint yourself with all the provisions of the enclosed Act and rules, with particular reference to the Code of Professional Conduct, which will in future be applicable to you.

In accordance with Section 21(1) (b) of the Engineering Profession Act, 2000 (Act No. 46 of 2000), you are entitled to use the title "Registered Lifting Machinery Inspector" and to indicate your profession or make it known by using the abbreviation "Reg LMI" after your name. Council would appreciate your making regular use of this abbreviation which, in accordance to protocol, takes precedence over all other titles, with the exception of an "Official Mark of Honour" awarded by any Government, "OBE" or "MBE".

Registration as a Lifting Machinery Inspector is an honour and recognition of one's status in engineering. It is important to demonstrate your identification with the ideals of the profession, and particularly those of your peers in the engineering team. It is therefore recommended that you consider becoming a member of an appropriate vocational body/institute, which, in your situation, looks after the collective interests of Lifting Machinery Inspectors. Details regarding vocational bodies/associations' addresses appear in Appendix A.

Kindly note that the assessment panel found you competent to inspect, test and examine as required

- (1) Lifting Tackle
- (2) Chain Blocks and Lever Hoists
- (3) Forklifts
- (4) Mobile Cranes
- (5) Overhead and Gantry Cranes
- (6) Ship Cranes
- (7) Container Cranes
- (8) Aerial Platforms
- (9) Vehicle Hoists

**LIST OF DISCIPLINES OR SCOPE THE LMI
IS REGISTERED TO INSPECT AND TEST.**

and your file has been endorsed accordingly. Should you wish to expand your fields of inspection to other types of lifting machines as described in legislation and ECSA rules, you will have to submit additional information to ECSA to substantiate your further training and experience. This evidence will be evaluated and your file endorsed with the findings.

You also have a responsibility to improve your knowledge of recent developments in your field of engineering. The propensity to continue one's development in one's area of specialisation is recognised as a mark of a professional and is a legal requirement by ECSA as detailed in the enclosed CPD Policy. You are required to renew your registration in five year cycles by providing ECSA with details of your CPD as indicated in the policy.

In addition it is recommended that you also consider becoming a member of a recognised professional engineering institute active in the branch of engineering appropriate to your professional environment.

Addresses of the recognised professional engineering institutes also appear in Appendix A.

Confirmation of membership of any of the recognised bodies mentioned in Appendix A will entitle you to a concession on your annual fee payable to ECSA.

An invoice/statement reflecting the annual fee now payable by you for the current financial year will soon be forwarded to you. A certificate of registration will also be mailed to you under separate cover.

Council would like to extend its heartiest congratulations on your registration as a Lifting Machinery Inspector.

Yours faithfully

Mrs R Huysers
Registration Officer

THE LIFTING MACHINERY INSPECTOR REGISTRATION STATUS

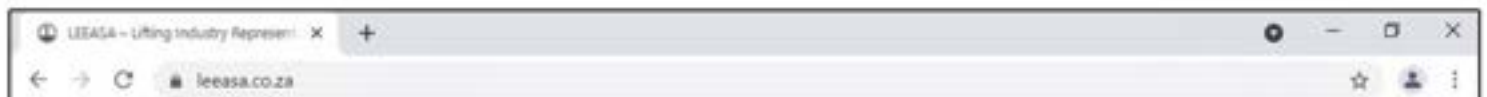
THIS IS ISSUED BY THE THE ENGINEERING COUNCIL OF SOUTH AFRICA

THE LIFTING MACHINERY INSPECTOR REGISTRATION STATUS



- THIS IS DONE VIA THE ECSA WEBSITE.
- THIS VERIFICATION OF STATUS IS ALSO VERY IMPORTANT, AS WE HAVE FOUND MANY INDIVIDUALS WITH A CANCELLED REGISTRATION STATUS THAT CONTINUE TO CONDUCT WORK. ANY CERTIFICATION ISSUED DURING THE PERIOD THE LIFTING MACHINERY INSPECTOR WAS CANCELLED WILL NOT BE VALID.
- THE OHS ACT - DRIVEN MACHINERY REGULATION (18) - REQUIRES LIFTING MACHINERY INSPECTORS TO HAVE VALID REGISTRATION WITH THE ENGINEERING COUNCIL OF SOUTH AFRICA.

STEP 1 GO TO WEB SITE ADDRESS: WWW.LEEASA.CO.ZA



STEP 2 CLICK ON - "DOCUMENT LIBRARY"

THEN CLICK ON - "[LME / LMI VALIDATION](#)" THEN SELECT "[ECSA LMI VALIDATION](#)" - TO VISIT ECSA'S WEBSITE.





- STEP 3**
- 3.1 ENTER THE LMI NUMBER DISPLAYED ON THE CERTIFICATE. CLICK SEARCH.
- OR
- 3.2 ENTER THE LMI SURNAME. CLICK SEARCH.

The screenshot shows the ECSA website's search page. At the top is the ECSA logo and a navigation menu. Below the menu, there's a section titled "WHO IS REGISTERED ?". It contains two search options: "SEARCH BY REGISTRATION NUMBER" and "SEARCH BY SURNAME". The "SEARCH BY REGISTRATION NUMBER" option has a text input field and a "Search" button. The "SEARCH BY SURNAME" option has a text input field and a "Search" button. To the right of the search fields, there are two annotations: "Type in the LMI number on the LMI Certificate" pointing to the first search field, and "Use the LMI's surname to find their details" pointing to the second search field.

- STEP 4**
- 4.1 IF THE LMI DETAILS DO NOT DISPLAY OR DISPLAY TO ANOTHER REGISTERED PERSON THE DOCUMENTATION OR INFORMATION MAY BE FRAUDULENT.
- 4.2 IF THE LMI'S DETAILS DISPLAY, SUCH AS BELOW. CLICK ON "MORE >>".

LMI NAME

|Registered Lifting Machinery Inspector -

[More >>](#)

CLICK HERE

STEP 5

- THE LMI'S REGISTRATION STATUS SHOULD BE DISPLAYED AS "ACTIVE" OR "CANCELLED"
- IF THE LMI'S STATUS IS "ACTIVE" - ALL IS IN ORDER.
- IF THE LMI'S STATUS IS "CANCELLED" - THE LMI MAY NOT CONDUCT WORK.

WHO IS REGISTERED ?

ACTIVE

REGISTRATION DETAILS

Person :
Registration Number :
Registration Status :
Since :
Discipline :
Category :
LMI NAME
LMI NUMBER
ACTIVE
DATE OF REGISTRATION
Registered Lifting Machinery Inspector

[<< Search again](#)

WHO IS REGISTERED ?

CANCELLED

REGISTRATION DETAILS

Person :
Registration Number :
Registration Status :
Since :
Discipline :
Category :
LMI NAME
LMI NUMBER
CANCELLED
DATE OF REGISTRATION
Registered Lifting Machinery Inspector

[<< Search again](#)

INCORPORATED TECHNICAL STANDARDS

THE OHS ACT - DRIVEN MACHINERY REGULATION 18 HAS DESIGNATED SOME STANDARDS FOR EXAMINING AND TESTING LIFTING MACHINES AS "INCORPORATED STANDARDS".

ADHERING TO THESE STANDARDS IS COMPULSORY.

INCORPORATED TECHNICAL STANDARDS

Standard Reference	Standard Description	Equipment under these standards
SANS 500	The inspection, testing & examination of hand operated chain blocks & lever hoists in use.	Chain blocks Beaver Hoist Cable Pullers (Torlon)
SANS 71	The inspection, testing & examination of vehicle hoists in use.	4 posters 2 postern Scissor lift type (incl dock levelers) Hydraulic type
SANS 2972	Lifting tackle inspections.	Steel Wire Ropes (SWR) Slings Alloy Chain slings Webbing slings Hooks (eye type and clevis) Snatch blocks Mechanical Coupling Links Shackles Generally Clamps or wire rope clamps Lifting points or lifting rings Lifting beams (NOT MONO-RAIL RUNWAY BEAMS) Spreader beams Pintle grabs Balance fork attachments Coil grabs Bar tongs
SANS 18803	Mobile elevated work-platforms safety principles, inspection, maintenance & operation.	Boom type (cherry pickers) Special insulated aerial platforms Scissor lifts (mobile or fixed)
SANS 90295	Parts 1 & 2: Inspections, testing & examination of lifting platforms in use.	Boom type (cherry pickers) Special insulated aerial platforms Scissor lifts (mobile or fixed)

Standard Reference	Standard Description	Equipment under these standards
SANS 10386	The inspection & testing of lift trucks.	Forklifts Side loaders Rull or tyre type stacker Reach lift trucks Palletiser controlled lift trucks Order picking lift trucks Pallet trucks Tote handlers Rough terrain Forklift trucks Large lift trucks Truck mounted fork lifts
SANS 19	The inspection, testing & examination of mobile cranes.	Mobile Cranes Truck mounted cranes Pick and carry cranes Mobile harbour cranes Crawler lattice boom cranes Jib cranes on tyre wheeled carriers Rough terrain and/or crane mounted cranes All terrain cranes, Carry deck cranes
SANS 10375	The inspection & testing of overhead crane.	Overhead cranes Gantry cranes Rail mounted cranes Free standing and/or permanently attached lift cranes Goliath cranes Portal Cranes
SANS 522	Inspection, testing & examination of tower cranes.	All top or bottom revolving tower cranes

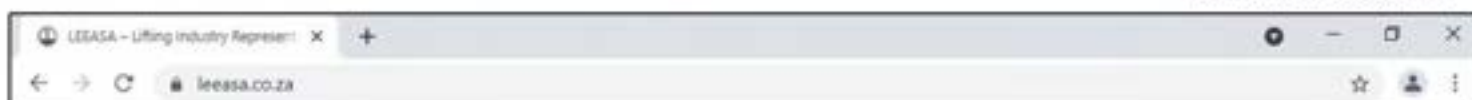
LIST OF SABS AND INTERNATIONAL STANDARDS CAN BE ACCESSED ON OUR WEBSITE

STEP 1

GO TO WEBSITE ADDRESS: WWW.LEEESA.CO.ZA

SABS

South African Bureau of Standards



STEP 2

CLICK ON - "DOCUMENT LIBRARY".

THEN CLICK ON - "SABS STANDARDS" THEN THE PAGE WILL LOAD WHERE YOU CAN DOWNLOAD A FULL LIST OF STANDARDS OR CLICK ON A LINK TO BUY THE STANDARDS FROM THE SABS WEB STORE.



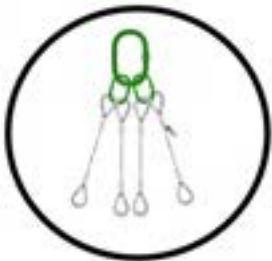
CLICK HERE



INSPECTION INTERVALS

LIFTING TACKLE

- DMR 18 REQUIRES LIFTING TACKLE TO BE INSPECTED AT INTERVALS NOT EXCEEDING 3 MONTHS.
- DMR 18 REQUIRES LIFTING TACKLE TO BE INSPECTED ONLY. THERE IS NO REQUIREMENT FOR EQUIPMENT THAT FALLS UNDER LIFTING TACKLE TO UNDERGO A LOAD TEST.
- THE INSPECTIONS MUST BE CONDUCTED BY A COMPETENT PERSON APPOINTED BY THE LME.



LIFTING MACHINES (6 MONTHLY INSPECTIONS ONLY)

- **DMR 18(6) REQUIRES LIFTING MACHINERY TO BE INSPECTED AT INTERVALS NOT EXCEEDING 6 MONTHS.**
- **THE INSPECTIONS MUST BE CONDUCTED BY A COMPETENT PERSON (LMI) APPOINTED BY THE LME.**
- **THE INSPECTION MUST BE CARRIED OUT IN ACCORDANCE TO DMR 18 (5) AND THE RELEVANT INCORPORATED STANDARDS., WHERE APPLICABLE**



LIFTING MACHINES (ANNUAL INSPECTION & LOAD TEST)

- DMR 18 (5) REQUIRES LIFTING MACHINERY AND HPLD'S TO BE INSPECTED & LOAD TESTED AT INTERVALS NOT EXCEEDING 12 MONTHS.
- DMR 18 (5) REQUIRES LIFTING MACHINERY AND HPLD'S TO BE INSPECTED THOROUGHLY AND ALL FINDINGS DOCUMENTED.
- DMR 18 (5) REQUIRES LIFTING MACHINERY AND HPLD'S TO UNDER GO A PERFORMANCE TEST FOLLOWING THE INSPECTION IN ACCORDANCE WITH THE INCORPORATED STANDARDS.
- THE INSPECTION & PERFORMANCE TEST MUST BE CARRIED OUT IN ACCORDANCE TO DMR 18 (5) AND THE RELEVANT INCORPORATED STANDARDS.
- THE INSPECTION & LOAD TEST MUST BE CONDUCTED BY A REGISTERED LMI APPOINTED BY THE LME.



FUNCTION OF A LIFTING MACHINERY ENTITY

- THE FUNCTION OF AN LME IS TO ACT AS A THIRD (3RD) PARTY INSPECTORATE FOR LIFTING MACHINERY AND DEVICES.
- THE LME REPORTS ON FINDINGS TO MITIGATE RISK OF FAILURE OF LIFTING MACHINERY ON SITE.
- THE LME IS ON SITE TO ENSURE THE QUALITY AND THE MAINTENANCE OF THE SERVICE PROVIDER ON SITE.

(SEE SANS 23814 - COMPETENCY REQUIREMENTS FOR CRANE INSPECTORS -
“ 4.1 INDEPENDENCE, IMPARTIALITY AND INTEGRITY.”
“ INSPECTORS SHALL BE FREE FROM ANY COMMERCIAL, FINANCIAL AND ANY
OTHER PRESSURES THAT MAY AFFECT THEIR FINDINGS.
(ALSO SEE ISO/IEC 17020 AND ISO/IEC 17025.)”)

**FIND OUR LEEASA CONTACT DETAILS ON OUR WEBSITE:
WWW.LEEASA.CO.ZA**



labour

Department:
Labour
REPUBLIC OF SOUTH AFRICA

