



LIFTING EQUIPMENT ENGINEERING — ASSOCIATION OF SA —

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HYDRAULIC BOOM MOBILE CRANE INSPECTION AND TESTING.



Course Name:
Hydraulic Boom Mobile Crane
Inspection and Testing



Course Number:
LCPD-2026-43



Course Duration:
10 Hours



ECSA CPD Credit:
1



Presenter:
Various



Can you
test the
Mobile Crane
by using one
Solid Weight?
Bring your
answer!



After many years of practical experience and many hours of research, this course could possibly be the most informative short session any LMI or candidate LMI could attend.

Join the session and share your experience with the rest of the attendees. You will leave with a far more detailed understanding of what to inspect for and how to plan the next Mobile Crane test safer and more effectively.

Can you test the Mobile Crane by using one Solid Weight? Bring your answer!



WHAT CAN I EXPECT FROM SUCH INFO SESSION?

- Following the relevance of DMR 18 to the Mobile Crane, a detailed inspection criteria is covered.
- The relevant and very informative discard points are well explained using calculations, many example and informative pictures are shared in the presentation and in the 60-page bound training manual.
- Very informative testing methods and points contained in the previous SANS revision but left out of the 2018 version is also brought back to life and discussed.
- The testing is discussed in terms of many methods used in industry today and the correctness and safety of such test methods are well explained.
- As usual incorrect testing methods or practices will be discussed and the reason for this method not being technically accepted explained.
- Sessions like this makes it critical for all LMI's to attend CPD training and you will be left with the full understanding why CPD is a critical component in each Registered person's ECSA path over their active lifetime.
- Join the session and share your experience with the rest of the attendees. You will leave with a far more detailed understanding of what to inspect for and how to plan the correct use of this vital engineering knowledge more effectively.



TOPICS COVERED

- DMR 18 – Discuss relevance to various Mobile Cranes
- Mobile Crane History
- Mobile Crane Types
- SANS 19:2018 – Inspection Criteria – Detailed Discussion
- SANS 19:2018 – Performance Testing & Documentation



Understand the standards, apply the correct inspection criteria and perform safe and compliant tests with confidence.



WHY THIS TRAINING MATTERS

- Understand your legal responsibilities under DMR 18 and how they apply to mobile cranes.
- Gain in-depth knowledge of SANS 19:2018 inspection criteria and performance tests.
- Learn how to perform accurate inspections and load/performance tests.
- Ensure safety, compliance and reliability of equipment in the workplace.
- Reduce legal risk and improve professional accountability.
- Improve the quality of your certificates and reports.
- Network and learn from experienced industry professionals.



THERE IS NO QUESTION THAT WILL NOT BE ANSWERED, and the attendee will leave in a perfectly equipped way to conduct the inspection 100% correct.



MPI – MAGNETIC
PARTICLE INSPECTION

KEY TAKEAWAYS



Know the laws and standards that apply to mobile cranes.



Identify critical inspection points and discard criteria.



Perform accurate load and performance tests correctly.



Maintain proper records and issue compliant certificates.



Protect lives, property and your professional reputation.



RESERVE YOUR SEAT TODAY!

INVEST IN KNOWLEDGE. SAVE LIVES.



ECSA RECOGNISED
VOLUNTARY ASSOCIATION
VA A0028
Expiry: 19 July 2029



ECSA CPD
LICENSED BODY
LB_016/2027
Expiry: 06 June 2027



ECSA CPD
SERVICE PROVIDER
SP_034/2025
Expiry: 10 October 2025

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