

Polyte Rigging Training

Posted on October 29, 2013

29 October 2013



PROLYTE RIGGING TRAINING COURSE

Once again DWR Distribution takes pleasure in inviting you to attend the Prolyte Rigging Training Course in conjunction with Prolyte and Rhino Rigs.

The course is set to be more practical but will also include important aspects like safety, machinery and equipment, maintenance, lifting materials, force calculations and load tables to mention but a few.

The internationally recognized five day course, presented by Rinus Bakker from Rhino Rigs, includes certification.

Interested delegates must be competent in Mathematics.

The training will take place at DWR in Johannesburg. Delegates can select the most appropriate date for themselves, based on a first come, first served basis.

JOHANNESBURG

Date: 10 - 14 February 2014

Time: 9am - 5pm

Venue: DWR Distribution, Kimbult Industrial Park, 9 Zeiss Rd, Laserpark, Honeydew

OR

Date: 17 - 21 February 2014

Time: 9am - 5pm

Venue: DWR Distribution, Kimbult Industrial Park, 9 Zeiss Rd, Laserpark, Honeydew

The cost is R6 995.00 excl VAT per person and includes lunch and refreshments. Due to limited space, bookings will only be made on proof of payment.

RSVP: rsvp@staging.dwrdistribution.co.za or at 011 794 5023



Elementary Rigging Technology in the Entertainment Industry



Day 1

- Welcome, introduction and program explanation
- Safety, Responsibility & Liability, Legislation
- Lifting of unguided and guided loads; Standards and Codes of Practice, European Machinery Directive.
- Danger, hazards and risks. Risk reduction, factor of safety, factor of design, factor of use. Failure in deformation or breaking.
- Machinery & equipment: chain hoist (hand & electric), winch, theatre fly bar, wind-up & crane; lifting tools and lifting accessories
- Maintenance, inspection and testing and 'certification'

Day 2

- Lifting materials: wire rope and wire rope slings, composition
- Wire rope sling terminations and characteristics
- Safe use of wire rope: bending and sharp edges
- Lifting materials: chain types: hoist chain & slinging chain,
- Hooks, shackles, beam clamps, eye-bolts etc.
- Lifting materials: webbing & round slings + soft steels

Day 3

- Slings material, - standards, - methods & - factors, sharp edges
- Force calculation: – reaction forces
- Force calculation: – vector forces
- Force calculations: – two legged bridle forces

Day 4

- Hands on: bridle components and placement, secondary safeties
- Evaluation of bridle assemblies
- Truss: structural principle, connections and function of components
- Reading, understanding & interpretation of load tables
- Truss slinging, suspension materials & force factors
- Truss: Inspection & criteria for discard
- Truss: design & calculation check of truss structures

Day 5

- Fibre ropes & Knowledge of Knots
- Questions & calculation exercise
- EXAMINATION in ENGLISH
- Evaluation

© Rhino Rigs BV – Rigging Course program schedule – (topics are indicative)

Prolyte Group HQ
Leek, Netherlands
info@prolyte.com

Prolyte Products UK Ltd
Wakefield, England
info@prolyte.co.uk

Prolyte Products GmbH
Emsdetten, Germany
info@prolyte.eu

Prolyte Products Romania
Slatina, Romania
info@prolyte.ro



WWW.PROLYTE.COM