

Certificate

RHINO RIGS

Consultancy, Design, Engineering, Training, Inspection
Specialists in Entertainment Rigging since 1983

Basics in Entertainment Rigging

organized by Prolyte on 10th to 14th of October 2016
Stagemarket, Moscow

With this the undersigned declare that,

Mihail Babaev

Has successfully passed the examination for the 5-day rigging course.

Certificate number: 2-1591



Date: 6 December 2016
Rhino Rigs (lecturer)
M. Bakker

On Behalf Of
Prolyte Sales BV
Marina Prak (head of marketing)

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participation in entertainment standardization at:

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Topics considered & examined:

- Lifting and Rigging hazards
- Safety, risk assessment and risk management
- Responsibility & accountability: criminal law & Liability: civil law
- European Directives, Labour Safety & Health Legislation, Standards & Codes of Practice
- Work Load Limit, breaking load, test load, capacity marking & certification
- Lifting overhead and lifting of persons, regulations in and outside of European Union
- Lifting Machinery: crane, chain hoist, winch, theatre fly-bar, wind up stand, ground support etc.
- Slings means, slinging methods & factors, temperature & sharp edges
- Intensity of use: frequency, duration, amount of loading and metal fatigue
- Wire rope, wire rope slings, terminations, inspection & rejection criteria
- Chain, chain slings, chain accessories, inspection & rejection criteria
- Webbing slings, polyester round slings, 'soft steels', inspection & rejection criteria
- Loading: uniformly distributed, point load, triangle load & concentrated load
- Truss: triangle lattice frame structure, connection systems, inspection & rejection criteria
- Truss: understanding loading tables, combinations of loads, slinging
- Beams: simply supported and continuous beams: statically determined and statically undetermined
- Support reactions: principles and basic calculations, theoretical and practical data
- Bridles: vector force calculations in two legged bridles
- Fibre ropes, various knots & knot strength & safety



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