

MARK NIELSEN

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Summary

- High Angle Rescue Instructor
- MOL approved Working at Heights Instructor
- High Angle Rescue and Rope Access Technician
- IHSA Hoisting and Rigging
- IHSA Confined Space
- Lift Truck Operator
- Elevated Lift operator
- Proven ability to learn quickly and establish an elevated level of proficiency with new technology and skills

ACCOMPLISHMENTS

- Awarded UN medal (UNPFOR) for two 7-month tours of duty in Bosnia in 1995
- Received 'Top Trooper' award for Best Solider
- Received a letter of thanks and commendation from a member of Parliament for duty and commitment during the ice storm and Manitoba flood

Employment Experience

May 2014- 2019

Owner

Apex Rope Services, Toronto, Ontario

- Risk assessment for performer safety
- Authorized Crosby Fundamentals of Rigging Instructor
- Rope access technician for reaching difficult places not accessible by machines or scaffolding
- Raising and assembly of entertainment truss system at heights
- Ensuring safe work practices when working at heights are followed
- Instruction of angle rescue and MOL-approved working at heights
- Review load calculation and hardware selection for rigging and life safety
- Collaborate with Engineers to ensure specifications in the drawing are met for compliance
- Installation of anchor points and other life safety equipment used by performers, rope access
- Rigging various stunt suspensions and drops for commercials and aerial performers

September 2016-
Current

Advance Drone Pilot, Drone Safety

Drone Boy /IATSE 667 Toronto, Ontario

- Creation of Lidar point clouds, orthomosaic
- Feature extraction from orthomosaic into CAD drawings
- Transport Canada-certified advanced drone pilot
- Operation and flight planning of various drone platform
- Site safety planning to ensure Transport Canada Compliance
- Cast and crew safety briefing and emergency procedures
- Motoring flight communications for air traffic
- Ensure site lockup and roles and responsibilities of PAs and paid duty

September 2014-
Current

Special Effects

Permit IATSE 873 Toronto, Ontario

- Rigging unique and complex props
- Ensuring the correct selection of rigging components
- Crimping of wire rope assemblies and Tech splicing
- Creating specialty pyrotechnic explosive devices

September 2013-
Current

Pyrotechnician, Fireworks Operator, Head Rigger

Danger Boy. Toronto, Ontario

- Set up, wiring and firing proximity pyrotechnics for major concerts and sporting events. Toronto Raptors, Live Nation, NBA All Stars
- Operation and programming of a 3D high-speed winch system for performer, stunt and camera
- Use and splicing of 12-strand Tech, Wire rope
- Coordinate and execute all Raptors home game pyrotechnics
- Successful Planning and coordination of fireworks shows in various locations and sizes
- Maintain and inspection of fall arrest, climbing equipment – Harness, ropes and other associated hardware
- Set up of entertainment truss
- Rigging - rope setup for aerial performers

May 2012-
Current

Rigger Head Rigger

Various. Toronto, Ontario

- Risk assessment for worker safety
- Rigging plot load calculations
- Raising and assembly of entertainment truss system at heights
- Ensuring safe work practices when working at heights are followed
- Review load calculation and hardware selection for rigging and life safety
- Collaborate with Engineers to ensure specifications in drawings meet compliance
- Installation of anchor points and other life safety equipment used by workers
- Rigging in various arenas, theatres, warehouses, studios using a variety of machines and access techniques

May 2009-
Current

Armourer

Props on Reels. Toronto, Ontario

- Firearms Handling
- Instruction to actors on the safe use of props and blank-firing weapons
- Management and control of firearms inventory

October 1990-
March 2001

Peacekeeping - Bosnia - Armoured Crewman, Crew Commander
Department of National Defence

Education

- Computer Electronic Technician Westervelt College London, Ontario, September 2005
- Junior Leadership Course Department of National Defence Meaford, Ontario, June 1995
- Combat Leadership Course Department of National Defence Petawawa, Ontario, July 1998