

# RMLA

## Special Classes Descriptions SP-1 through SP-4

### SP-1 Crosby Factory Training Course 8-Hour Comprehensive Agenda

Paul Skladzien - Crosby

- ◆ RISK MANAGEMENT AND THE BASIC RIGGING PLAN
  - Basic Rigging Standards
  - Evaluating the Rigging and Common Problems
  - The Basic Rigging Plan
  - Rigging Accidents
- ◆ BASIC RIGGING PRINCIPLES AND LOAD CONTROL
  - Operating Practices
  - Rigging to Center of Gravity
  - Load Control Basics
- ◆ LOADS ON RIGGING AND THE RIGGING TRIANGLE
  - Estimating Load Weight
  - Center of Gravity
  - Horizontal Sling Angle
  - Load Multiplier
- ◆ APPLICATION OF HARDWARE
  - Shackles and Hooks
  - Links, Rings, Eye Bolts
  - Terminations: Clips and Wedge Sockets
- ◆ INSPECTION OF HARDWARE
  - ASME B30.26 Criteria
  - Crosby Hardware Inspection Criteria
  - Inspection of Terminations
- ◆ APPLICATION OF SLINGS
  - The Basic Hitches
  - Sling Selection and Application
  - Sling Capacities
- ◆ INSPECTION OF SLINGS (Per ASME B30.9)
  - Wire Rope Slings
  - Chain Slings
  - Synthetic Slings
- ◆ RIGGING Math Workshop – Team Exercise

Monday May 7, 2018 – 8:30 a.m. to 4:30 p.m. – Two Rivers Convention Center  
Cost \$40.00 includes class materials and lunch – Class Size - Min 20-Max 50

### SP-2 Welding and Cutting - 101

Ashley Johnson - Breckenridge

*Basic Training for Welders will teach SMAW (stick) welding and oxy-acetylene torch cutting for inexperienced students who wish to advance their metal fabrication skills. This short course will place an emphasis on welding/cutting safety, proper equipment setup and care, welding electrode selection, and the basics of running a proper bead. After taking this class, a student should have the knowledge and desire to practice, practice, practice and become a more skilled welder.*

Monday May 7, 2018 – 8:30 a.m. to 4:30 p.m. – Location TBD  
Cost \$50.00 includes class materials and lunch – Class Size - Min 3-Max 10

### SP-3 Advanced Welding Class

Ashley Johnson - Breckenridge

- (1) *A round table type of discussion could be beneficial to all. Lots of different experiences to learn from in a hands on atmosphere.*
- (2) *Tips and tricks for out of position welding.*
- (3) *Crack repair techniques and procedures. Repairing cracks properly vs. a poorly executed "repairs" can cause further damage and cracking.*
- (4) *Open root full penetration welding options.*
- (5) *Understanding engineered repair weld procedures and AWS code. We have to follow the procedures from the manufacturer or engineer to make good, permanent repairs.*
- (6) *General welding info and education that may have been missed or forgotten. Lift mechanics do not weld every day. This means all of the little details are that much more important.*

Tuesday May 8, 2018 – 10:00 a.m. to 4:30 p.m. – Location TBD  
Cost \$50.00 includes class materials – Class Size - Min 3-Max 10

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## **SP-4 Fall Protection Equipment Inspector Course (1.5 hrs) & New Innovations in Fall Protection (30 minute Rescuer Course)**

Matt Schmidt - Shur Sales & Marketing, Inc.

*This is a comprehensive inspection course which after completion will allow those responsible for the inspection of fall protection equipment to make educated decisions on the suitability for use. The training will also include standards and regulations, incorporating what they require and how they relate to the inspection process. Upon completion the student will receive a certificate acknowledging they have met or exceeded the requirements of the OSHA and ANSI standards. Topics discussed: OSHA Regulations relating to fall protection, ANSI and OSHA standards and regulations, liability, inspection process for a range of fall protection equipment (harnesses, lanyards, SRLs, anchorage connectors), key inspection components (webbing, hardware, stitching, labels, buckles, d-rings), documentation methods, technical bulletins.*

Tuesday May 8, 2018 – 10:30 a.m. – Two Rivers Convention Center – Check agenda for room assignment  
No charge for training.