



Electric Overhead Traveling (EOT) Crane

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This two-day course introduces the electric overhead traveling (EOT) crane including the safety requirements and boarding procedure, crane operation and inspection, and troubleshooting requirements.

I. Introduction to EOT Crane Operations and Safety

- Eliminating Injuries and Incidents In and Around Operating Cranes
- Importance of Cranes in the Steel Industry
- History of Cranes

II. Basic Safety Requirements and Crane Boarding Procedures

- Crane Status Light
- Crane Operator Boarding Procedures
- One Shop Maintenance Man Boarding Procedure
- Group and/or Planned Maintenance Procedure

III. Operational Inspection of Crane Equipment

- Various Operating Parts of the Crane
- Inspection Procedures of Overhead/ EOT Pendant-Controlled and RadioControlled Cranes
- Crane Operator Daily Report-Sheet

IV. Crane Operations and Coordination

- Working Relationship Between The Crane Operator And Hooker
- Various Controls and Functional Parts of Cranes (Hoist, Bridge, and Trolley)
- Hazards of Remote and Pendant Cranes

V. Lifting Device Descriptions and Requirements

- Cables (Wire Rope)
- Chains
- Slings

VI. Troubleshooting Possibilities