

Daniel Harris

Formwork carpenter

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Precision-focused formwork carpenter with six years of experience designing, assembling, and inspecting concrete formwork systems for bridges, foundations, walls, and structural slabs. Skilled in reducing material waste, enhancing structural durability, and collaborating with engineers to ensure form systems comply with building codes and project specifications. Committed to safe, efficient form operations across large commercial and civil construction projects.

Professional Experience

Formwork Carpenter, Concrete Innovations Inc., Chicago, IL
October 2018 – Present

- Collaborated with structural engineers and project managers on 15+ projects to refine form designs, improving average structure durability ratings by 10% through enhanced bracing and tie rod configurations
- Conducted 100% pre-pour inspections on all formwork systems, identifying and correcting 18 form alignment or bracing deficiencies before concrete placement over 6 years
- Managed form panel inventory across 5 concurrent projects, reconditioned 500+ panels for reuse, and reduced annual form material costs by \$22,000 through systematic reconditioning protocols
- Coordinated concrete pour schedules with 8 ready-mix suppliers and 4 pump truck operators across all active projects, ensuring zero pour delays due to form readiness issues

Key Skills

- Form bracing, shoring, and alignment
- Pre-pour and post-pour form inspection
- Concrete pouring coordination with crews
- OSHA 30-Hour safety compliance
- Material waste reduction and panel reconditioning
- Building code and ACI compliance
- Scaffolding and elevated formwork erection

Education

Chicago Trade School, Chicago, IL
Certificate in Structural Carpentry
September 2018

Relevant Coursework: Concrete Systems, Structural Loads, Blueprint Reading, Construction Safety

Certifications

Journeyman Carpenter Certificate, Illinois Department of Labor, September 2020