

Cable Pull Checklist

Heavy and Intermediate Pulls

Project Name: _____ Date: _____

Permit #: _____

Company Performing Pull: _____

Coordinator / MPC Foreman: _____

Cable Pull Foreman Responsible for Pull: _____

Cable Puller(s) Operator(s): _____

Qualified Rigger(s): _____

Heavy Pull Intermediate Pull

Intermediate Pull Justification: N/A

Only complete this section for Intermediate pulls. Heavy Pulls proceed to "Structural Supports".

Location of Pull (Point to Point): _____

Complex/Units/Areas affected: _____

Raceway Type: Conduit Cable Tray Combination

Elevation: Above Grade Below Grade Combination

Work Required in Manholes? Yes No Location(s): _____

Number of Rigging Points: _____ ****If more than 5 rigging points, heavy pull must be followed****

Length of Pull: _____ Feet ****If more than 1000 feet, heavy pull must be followed****

Cable Type: _____ Cable Size: _____ O.D.

Weight of Cable: _____ lbs./ft.

Total Weight of Cable: _____ lbs. ****If greater than 2000lbs. heavy pull must be followed****

Conduit Size: _____ Inch Conduit Fill: _____ %

Maximum Calculated: Pulling Tension: _____ Sidewall Pressure: _____

****If greater than 50% of the cable manufacture's or pulling equipment/rigging allowable pulling tension, heavy pull must be followed****

Is there any operating process equipment in the vicinity of the "line of fire"? Yes No

****If this question is answered "Yes", heavy pull must be followed****

Structural Supports – Required for Heavy Lift

- 1. All structural supports and load ratings for I-Beams are capable of withstanding the force of the rigging equipment? Yes
- 2. All welded channel supports used to support equipment are capable of withstanding the force of the rigging equipment? Yes N/A

Eng. Representative: _____
Print Name Signature Date

At the Site Review

A. Pulling Equipment

- 1. Cable puller anchored per manufacture or cable pull plan? Yes N/A
- 2. Cable puller inspected and free of damage? Yes N/A
- 3. Puller anchoring system inspected and free of damage (mounting adaptors, chains, T-boom, etc.)? Yes N/A
- 4. Force/Tension meter attached and verified working? Yes N/A
- 5. Cable feeder inspected and free of damage? Yes N/A
- 6. Barricades placed to eliminate unauthorized personnel from entering line of fire area? Yes

B. Cable Connection

- 1. Rope is inspected and free of frays and cuts? Yes N/A
- 2. Swivel inspected and free of damage? Yes N/A
- 3. Swivel is properly connected? Yes N/A
- 4. Grip inspected and free of damage? Yes N/A
- 5. Is the grip the right size and properly connected? Yes N/A

C. Rigging Equipment

- 1. Sheaves are inspected and free of defects? Yes N/A
- 2. Lever hoists are inspected and free of defects? Yes N/A
- 3. Slings are inspected and free of defects? Yes N/A
- 4. Shackles are inspected and free of defects? Yes N/A

E. Miscellaneous Items

- 1. List communication for pulling crew: _____
- 2. Is nonessential work in line of fire of pull halted? Yes

F. Pre-Pull Meeting Attendees Signatures

Pulling Crew Foreman: _____ MPC Eng. Rep: _____
Construction Coordinator: _____ MPC Safety: _____
Owning Dept. Supervisor/Designee: _____

Completed and signed form are turned in with the closed safe work permit.