

**Galveston Bay Refinery Electrical Cable Pull
Intermediate Pull Checklist**

Project Name:	Work Order #:	Permit #:	Date:
Company Performing Pull:		Cable Pull Foreman:	
Qualified Rigger(s):		Unit/Area:	
Location of Pull (Point to Point):		Weight of Cable: _____ lbs/ft	
Conduit Size: _____ in		Conduit Fill: _____ %	
Cable Type:		Cable Size: _____ O.D.	
Total Cable Weight: _____ lbs		<i>If greater than 2000 lbs. 'Heavy Pull Plan' must be followed</i>	
Number of Rigging Points:		<i>If more than 5 rigging points, 'Heavy Pull Plan' must be followed</i>	
Length of Pull: _____ ft		<i>If greater than 1000 ft, 'Heavy Pull Plan' must be followed</i>	
Max Calculated Pulling Tension:		<i>If greater than 50% of the cable manufacturer's or pulling equipment/rigging allowable pulling tension, 'Heavy Pull Plan' must be followed</i>	
Max Calculated Sidewall Pressure:			
Calculator Program Used:			
Is there any operating process equipment in the vicinity of the "line of fire"?			
<input type="checkbox"/> YES <input type="checkbox"/> NO		<i>If this question is answered "Yes", complete mitigation plan on JSA or JSP.</i>	
<u>At the Site Assessment</u>			
<u>Pulling Equipment</u>			
1. Tugger anchored per manufacturer instructions or cable pull plan?		<input type="checkbox"/> YES	<input type="checkbox"/> N/A
2. Tugger inspected and free of damage?		<input type="checkbox"/> YES	<input type="checkbox"/> N/A
3. Tugger anchoring system inspected and free of damage (mounting adaptors, chains, T-boom, etc.)?		<input type="checkbox"/> YES	<input type="checkbox"/> NA
4. Force/Tension meter calibration date:			
5. Tugger tension stopping point:			
6. Force/Tension meter attached and verified working?		<input type="checkbox"/> YES	
7. Cable feeder inspected and free of damage?		<input type="checkbox"/> YES	<input type="checkbox"/> N/A
<u>Cable Connection</u>			
1. Rope is inspected and free of frays and cuts?		<input type="checkbox"/> YES	
2. Swivel is inspected and free of damage?		<input type="checkbox"/> YES	<input type="checkbox"/> N/A
3. Swivel is properly connected?		<input type="checkbox"/> YES	<input type="checkbox"/> N/A
4. Grip inspected and free of damage?		<input type="checkbox"/> YES	<input type="checkbox"/> N/A
5. Is the grip the right size and properly connected?		<input type="checkbox"/> YES	<input type="checkbox"/> N/A
6. Is pulling head adequate for pulling?		<input type="checkbox"/> YES	<input type="checkbox"/> N/A
7. Is the equipment properly rated for the job?		<input type="checkbox"/> YES	
<u>Rigging Equipment</u>			
1. Sheaves are inspected and free of defects?		<input type="checkbox"/> YES	<input type="checkbox"/> N/A
2. Leveling hoists are inspected and free of defects?		<input type="checkbox"/> YES	<input type="checkbox"/> N/A
3. Slings are inspected and free of defects?		<input type="checkbox"/> YES	<input type="checkbox"/> N/A
4. Shackles are inspected and free of defects?		<input type="checkbox"/> YES	<input type="checkbox"/> N/A
<u>Miscellaneous Items</u>			
1. List communication for pulling crew:			
2. Is nonessential work in line of fire of pull halted?		<input type="checkbox"/> YES	<input type="checkbox"/> N/A
3. Has conduit been properly swabbed?		<input type="checkbox"/> YES	<input type="checkbox"/> N/A
4. Barricades placed to eliminate unauthorized personnel from entering line of fire area?		<input type="checkbox"/> YES	<input type="checkbox"/> N/A
<i>Electrical Contractor shall implement any necessary special instructions, procedures, or precautionary measures prior to initiating cable pull.</i>			
<u>Pre-Pull Meeting Attendees Signatures</u>			
MPC E&I Foreman/Coordinator/Advisor:		Date:	
Cable Pull Foreman:		Date:	
Tugger Operator:		Date:	
Reel Tender:		Date:	
Signal Person:		Date:	
Electrical Department Supervision or Designee for aerial cable pulls (if applicable):		Date:	
Completed and signed forms are turned in with the closed safe work permit.			