



Pre-Job Briefing/ Job Safety Analysis (JSA) Form

11022023-01

Date: _____ Person Completing Form: _____ Supervisor: _____

Work Location/Address: _____ City/Town: _____

Time: _____ AM PM GPS Coordinates: _____

Nearest Intersection: _____ Landmark: _____

Temperature for applicable conditions: _____ Weather Conditions: Sunny Cloudy Rain Snow Ice Wind

Are weather conditions appropriate for the work to be conducted? Yes No If No, find appropriate job site or task or suspend operations.

Emergency Action Plan

Area 911: Yes No If No, EMS/Fire phone number: _____

Aerial Rescue Person: _____ 911 Caller: _____

CPR and First Aid Trained crew members available? Yes No First Aid/CPR Provider: _____

First Aid Supplies Onsite: _____

Closest Medical Facility (Name): _____ Contact #: _____

Address: _____

Work or Training Task

Training Work Related (select one)

Job Tasks: Driving Inspection/Auditing Traffic Control Bucket Trim Ground Cutting Climbing

Brush Chipping Tree Removal Stump Grinding Crane Heavy Equipment Operation

Identify any Heavy Equipment used: _____

Other Tasks (describe): _____

Electrical Safety

Are electric utilities present in or near your work area? Yes No Are the students/attendees QLCA Trained? Yes No

Is the work taking place for a utility contractor or subcontractor? Yes No

Utility Company: _____ Pole or Structure #: _____

Utility & Contact Number: _____ Line kV: _____ MAD: _____

Incidental Line Clearance MAD Chart

| Voltage Range (Phase-to-Phase) kV | Minimum Approach Distance (MAD) | |
|---|------------------------------------|--------|
| | ft-in | m |
| 0.300 and less | Avoid Contact | |
| 0.301 to 0.750 | 1-06 | 0.457 |
| 0.751 to 5.0 | 2-09 | 0.838 |
| 5.1 to 15.0 | 2-10 | 0.864 |
| 15.1 to 36.0 | 3-04 | 1.016 |
| 36.1 to 46.0 | 3-08 | 1.118 |
| 46.1 to 72.5 | 4-04 | 1.321 |
| 72.6 to 121.0 | 12-08 | 3.861 |
| 138.0 to 145.0 | 13-04 | 4.064 |
| 161.0 to 169.0 | 14-00 | 4.268 |
| 230.0 to 242.0 | 16-08 | 5.080 |
| 345.0 to 362.0 | 20-08 | 6.300 |
| 500.0 to 550.0 | 26-08 | 8.128 |
| 785.0 to 800.0 | 35-00 | 10.668 |

Minimum Approach Distances from Energized Conductors

| Voltage Range kV | Altitude Correction Factor Sea Level to 5,000 ft | | Altitude Correction 5,000 to 10,000 ft | | Altitude Correction 10,000 to 14,000 ft | |
|---------------------|--|-------|---|-------|--|-------|
| | ft-in | m | ft-in | m | ft-in | m |
| 0.300 and less | Avoid Contact | | Avoid Contact | | Avoid Contact | |
| 0.301 to 0.750 | 1-02 | 0.356 | 1-04 | 0.407 | 1-06 | 0.458 |
| 0.751 to 5.0 | 2-03 | 0.686 | 2-06 | 0.762 | 2-09 | 0.839 |
| 5.1 to 15.0 | 2-03 | 0.686 | 2-07 | 0.788 | 2-10 | 0.864 |
| 15.1 to 36.0 | 2-08 | 0.813 | 3-01 | 0.940 | 3-04 | 1.016 |
| 36.1 to 46.0 | 2-11 | 0.889 | 3-04 | 1.016 | 3-08 | 1.118 |
| 46.1 to 72.5 | 3-06 | 1.067 | 4-00 | 1.220 | 4-04 | 1.321 |
| 72.6 to 121.0 | 3-11 | 1.194 | 4-06 | 1.372 | 4-10 | 1.474 |
| 121.1 to 145.0 | 4-06 | 1.372 | 5-02 | 1.575 | 5-07 | 1.702 |
| 145.1 to 169.0 | 5-01 | 1.550 | 5-09 | 1.753 | 6-03 | 1.905 |
| 169.1 to 242.0 | 7-00 | 2.134 | 7-11 | 2.413 | 8-07 | 2.617 |
| 242.1 to 362.0 | 11-09 | 3.582 | 13-06 | 4.115 | 14-07 | 4.445 |
| 362.1 to 420.0 | 14-08 | 4.471 | 16-09 | 5.106 | 18-02 | 5.538 |
| 420.1 to 550.0 | 17-06 | 5.334 | 20-00 | 6.096 | 21-08 | 6.604 |
| 550.1 to 800.0 | 23-09 | 7.239 | 27-02 | 8.281 | 29-05 | 8.967 |

Verification of Di-Electric test date (MM/YY): Insulated Tool

Insulated Pole Saw (Solid Core Only): _____ Insulated Boom: _____
 Insulated Pole Pruner (Solid Core Only): _____ Other: _____

Topics of Discussion (Hazards, Risks and Potential Impacts)

Hazard Identification List (check all that apply)

Gravity

- Falling Objects/Tools
- Falling from a Height
- Falling Trees/Branches
- Drop Zone

Chemical

- Flammable or Explosive
- Toxic or Poisonous
- Corrosive or Reactive
- Acids or Caustics

Electrical

- Energized Equipment
- Backfeed/Induction
- Energized Trees
- Step Potential
- Vertical to Horizontal Conductors

Noise

- Continuous Loud Noise
- Explosive Noise
- Distractive Noise

Mechanical

- Equipment Failure
- Climbing Hazards
- Tension Loads
- Moving Parts/Sharp Objects

Body Mechanics

- Slips or Trips
- Lifting/Twisting
- Repetitive Motion
- Awkward Positions

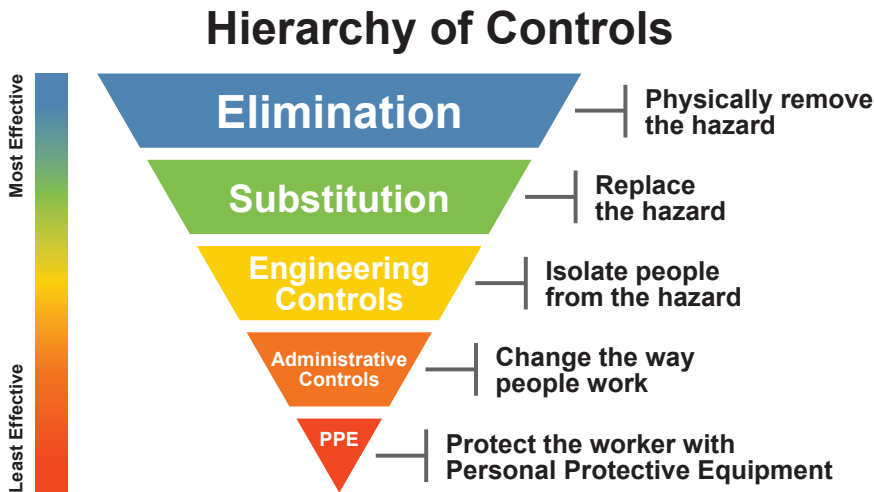
Vehicular

- Traffic Conditions
- Driving Conditions
- Moving Loads
- Vehicle Stability

Other

- Insect Bites/Stings
- Wildlife
- Blood/Body Fluids
- Heat/Cold Exposure

Hazard Control Measures



Identify type & # of Signs & Cones:
 Sign type: _____ #: _____
 Cone type: _____ #: _____

Is Drop zone sufficient to drop debris away from obstacles? Yes No
 If no, select other means of controlling debris/drop zone.

Source: NIOSH

Job Site Hazard Control (describe how you are going to control hazards, risks, and potential impacts):

Traffic Control Flagger Initials

1: _____ 2: _____ Radios: Yes No

Dig Safe Required? 1-800-DIG-SAFE

Yes No

Personal Protective Equipment Required

Has every employee inspected their Personal Protective Equipment? Yes No

Head Protection

- Hard Hat/ Helmet (ANSI Z89)
- Face Shield (When Required)

Eye Protection

- Safety Glasses or Eye shield (ANSI Z87.1)

Ear Protection

- Hearing Protection

Foot Protection

- Boots OR
- Cut-Resistant Boots

Leg Protection

- Chainsaw Pants OR
- Chainsaw Chaps

Visibility

- Class 2 Hi-Vis Shirt/Vest

Fall Protection

- Fall Restraint
- Work Position
- Fall Suspension
- Fall Arrest

Hand Protection

- Gloves/Cut-resistant gloves (ANSI 105)

Please designate one person on your crew to capture all required information. Through verbal responses from crew members, the transcriber will report all opinions and positions utilizing the GAR model and will document each individual's response in the chart above next to the appropriate name.

| Employee # | Name | Verbal Status (GAR) |
|------------|------|---------------------|
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The Green, Amber, Red (GAR) Model

The Green, Amber, Red or (G.A.R.) Model is a work risk management model that includes and values the opinions and positions of all workers involved on a work project/site. There is no allowance for hierarchy or anyone to force another to proceed until discussion and/or explanation results in all workers involved being Green. All workers must have indicated their status in the above chart as Green. If any worker has indicated that they are an Amber or Red, then discussion and/or measures must take place to address concerns to alleviate risks until all individuals are Green.

Person Transcribing (Print Name):

Signature:

Job Site Visit Supervisor:

Manager:

Safety: