

SELECTION & COORDINATION OF TOWER CRANE TRAINING SITES

TRG 2

Identification of Suitable Tower Crane Sites

- Tower crane sites should have a jib elevation well in excess of sixty (60) feet above the ground, slab or working platform.
- Ideally, the tower cranes selected should permit candidates to experience first hand the differences in access, cab entry, and anchorage points.
- To minimize potential for accidental damage, it would be preferable to have a site where building construction is in relatively early stage; for example, before fragile roofing materials are installed, or glass atriums are below candidate's simulated casualty lower points etc.
- A qualified tower crane operator must be on the construction site during the candidate's rescue training exercises. Past experience has shown that the operator has proven to be an invaluable resource for the candidates. The operator is able to ensure that no unintentional damage is done to the crane itself during the execution of the candidates' rescue scenarios, and is available to secure the site at the end of each day of training. Cost reimbursement for the operator's time has been budgeted for the Technical High Angle Rope Rescue courses to a maximum of two days at \$1,088.02 day.
- Site coordination shall include provision for access to washroom facilities, and a lunchroom to accommodate instructors, and candidates for the lunch period and other breaks, in the event of inclement weather.

Proposed Tower Crane Sites

In advance of the scheduled training days, the training provider or course instructor, will visit the proposed training sites to assess site suitability. The training provider or course instructor will perform site assessments utilizing the "**Site Survey for Tower Cranes**" form (attached) and discuss any other special arrangements with site representatives.

The agency providing the training is responsible to ensure the necessary permits, bylaw notifications, or dispensations are obtained from the respective municipal authorities, and that policing agencies have been notified of intended activities which will occur at the respective locations on the intended dates and at the specified times.

Cost Reimbursement for Crane Operators & Letter of Appreciation

The Program will only reimburse **certified crane operators**. The training agency must advise the construction company to invoice the THARR Program for the crane operator's time, if applicable, to a maximum of two days at \$1,088.02 /day. Once the THARRP Representative receives the invoice and a copy of the operator's certification, a letter of appreciation (attached) to those employers providing access to their projects and tower cranes for the Technical High Angle Rope Rescue Course will be prepared.

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- **Letter of Appreciation**
 - **Site Survey for Tower Cranes**

Example of Letter of Appreciation

DATE

Company Name

Attention:

Address

City, B.C. Postal Code

Dear (as above):

On behalf of the Technical High Angle Rope Rescue Steering Committee, I would like to thank you for allowing fire fighters to train in high angle rescue scenarios on the tower crane at your (location) site on (Date).

The success of the Technical High Angle Rope Rescue Program depends greatly on the ability of the fire services to practice their skills on working crane sites. It is with the cooperation of companies such as yours that will ensure this program succeeds and continues.

Once again, thank you for your cooperation and generosity.

Yours truly,

Technical High Angle Rope Rescue Program Representative

All Standard Operating Procedures have been reviewed and approved by the Technical High Angle Rope Rescue Steering Committee.

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TECHNICAL HIGH ANGLE ROPE RESCUE PROGRAM
TRAINING AGENCY SITE SURVEY FOR TOWER CRANES

The following items must be reviewed by the training agencies with site personnel when visiting a tower crane worksite for the purposes of selecting it as a Rope Rescue training site.

Name of Company that has extended the invitation to train at this site:

Address of potential training site. _____

This is a construction site fixed facility

Name and position of the primary contact person of this Company.

Tower Crane to be accessed:

Make: _____ Model: _____

Serial #: _____

Maximum freestanding tower height: _____

Jib length: _____ Good access on jib (catwalk) yes no

Cab Location: on jib on mast under jib at mast

Date crane erected: _____ Date of WSBC inspection: _____

A certified operator will be made available on the day of training? yes

Is the tower ladder: staggered continuous

Are there any obstacles with access to the site or crane? (personnel hoist, stair tower/ladder into the excavation etc.) yes no

If so, describe: _____

What type of surface will the "patients" be lowered onto?

Dry Gravel Muddy Soil Asphalt/Concrete Exposed Rebar/Formwork

Are the electrical lock-out points identified? yes no

Are lock-out procedures available on site? yes no

Where are lock-out points located? _____

Notify the contractor that the tower crane must be locked-out before rope rescue training exercises begin.

Are there high voltage powerlines within the swing radius? yes no

Are the power lines marked with orange flag lines? yes no

Is there a City or Municipal Noise By-law in effect? yes no

Is a Noise By-law permit needed for this training exercise to take place? yes no

Location of:

Command Post: _____

Staging Area: _____

First Aid: _____

Additional notes or items of concern:

Form Completed By: _____ Date: _____