



Unlike scaffolds and working platforms, tower cranes on construction sites are complex machines, which present additional hazards to people accessing the tower crane structure, once it has been commissioned. It is therefore appropriate to designate tower cranes as places of controlled access.

In general the persons requiring access to the tower crane will fall into the following categories :-

- Those requiring frequent access
  - The crane operator.
  - The site based Crane Supervisor .
  - Persons carrying out thorough examination.
  - Maintenance personnel
- Those requiring infrequent access
  - The crane owner's management personnel.
  - Visitors (Hirer's personnel, HSE inspectors etc).

A person designated by the Principal Contractor will control all access. This person will be approved by the crane owner and will control access to the crane by issuing of an access permit to persons requiring frequent access such as the operator, maintenance personnel and persons carrying out thorough examinations.

In the case of persons requiring infrequent access such as the crane owner's management personnel and visitors, access permits will be issued on a visit-by-visit basis.

An example of a typical access permit is given in Figure 1 overleaf.

See also: TIN 003 *Tower Crane Access Procedures*.



	<b>Construction Plant-hire Association Tower Crane Interest Group</b>																																																	
	<b><i>Tower Crane Technical Information Note</i></b>																																																	
<b>TIN 001</b>	<b>Access to Tower Cranes After Commissioning</b>																																																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="4" style="text-align: center;"><b>Tower Crane Access Permit</b></td> </tr> <tr> <td style="width: 30%;">Site:</td> <td rowspan="3" style="width: 30%;">Permitted Crane No's:</td> <td style="width: 15%;">TC</td> <td style="width: 25%;">TC</td> </tr> <tr> <td></td> <td>TC</td> <td>TC</td> </tr> <tr> <td></td> <td>TC</td> <td>TC</td> </tr> <tr> <td rowspan="3">Permit Validity:</td> <td>Periodic</td> <td>From:</td> <td>To:</td> </tr> <tr> <td rowspan="2">Single Use</td> <td>Accompanied:</td> <td>Yes/No</td> </tr> <tr> <td>Visitor:</td> <td>Yes/No</td> </tr> <tr> <td>Permitted Access Zones:</td> <td>Zone 1 <input type="checkbox"/></td> <td>Zone 2 <input type="checkbox"/></td> <td>Zone 3 <input type="checkbox"/></td> </tr> <tr> <td>Permit Holder:</td> <td colspan="3"></td> </tr> <tr> <td colspan="4">The above named person is permitted to access the tower cranes listed above on this site</td> </tr> <tr> <td>Signed:</td> <td></td> <td>Date:</td> <td></td> </tr> <tr> <td>Print Name:</td> <td colspan="3"></td> </tr> <tr> <td>Position:</td> <td colspan="3"></td> </tr> </table>				<b>Tower Crane Access Permit</b>				Site:	Permitted Crane No's:	TC	TC		TC	TC		TC	TC	Permit Validity:	Periodic	From:	To:	Single Use	Accompanied:	Yes/No	Visitor:	Yes/No	Permitted Access Zones:	Zone 1 <input type="checkbox"/>	Zone 2 <input type="checkbox"/>	Zone 3 <input type="checkbox"/>	Permit Holder:				The above named person is permitted to access the tower cranes listed above on this site				Signed:		Date:		Print Name:				Position:			
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Figure 1 – Example of Access Permit