

	Construction Plant-hire Association Tower Crane Interest Group	
	<i>Tower Crane Technical Information Note</i>	
TIN 005	Housekeeping on Tower Cranes	

All accessible areas of tower cranes should be kept clean and free of loose material at all times. Loose material on walkways and platforms can be both a trip hazard and a falling object hazard, whilst grease and other liquids can cause slips. Care should also be taken to ensure that tower crane cabs are kept free of paper and other combustible materials. (See Figures 1 & 2)

After erection, or whenever work has been carried out on the crane, the person supervising the work should inspect all accessible areas to ensure that surplus material and components have been removed. Where it is essential that materials or components remain for operational or safety reasons, they should be secured in such a way that they do not present a slip, trip or falling object hazard.

Where stocks of small materials such as grease guns, grease cartridges and gloves are required on the crane they should be stored in a secure container mounted securely on the counter jib or other suitable area. The container should be weatherproof to IP66, have a top hinged self-latching lid and minimum capacity of 30 litres. An example is shown in Figure 3 below.



Figure 1 – General Loose Material



Figure 2 – Poorly Stored Components



Figure 3 – Storage Container

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