

Basic Lifting Plan and Method Statement



1 The site		
1.1	Site name and address	Upper Campfield Market Hall, Barton Street, Manchester M3 4NN
1.2	Site manager	Paul Scapens
1.3	Description of ground conditions	Existing concrete slab
1.4	Lifting equipment details (e.g. Genie SLC-18 or type of telehandler etc.)	JCB 531-70 Telehandler
1.5	Outrigger load / ground requirements	Standard outrigger
1.6	Lifting equipment operator	Name: Simon Leakey Company: TJM Projects
1.7	Lifting equipment certification (6 or 12-monthly)	12 monthly
1.8	SWL of lifting equipment	2.5T
1.9	Maximum weight of load	1600Kg per leaf
1.10	Proximity of hazards or restrictions	Others working in and around the areas. Areas to be barriered off

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1.11	Maximum height of lift (plus lifting gear)	6m including strops
1.12	Maximum radius of load (swing arc)	N/A
1.13	Abnormal load details (e.g. centre of gravity to load, loose materials, poor lifting points)	Cast iron construction. Load to be spread with numerous slings to reduce impact

2 Lifting gear register and certification			
SWL	Type	ID or name of equipment	6 / 12 monthly examination date
Note: All lifting gear to be of suitable size and length so as not to produce an angle between the sling legs greater than 90 degrees. Distribution of load on each leg of multi-slings must be equal with centre of gravity, verified by inching prior to full lift.			
TBC	TBC	TBC	12 Monthly

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3 Responsible Persons		
Responsibility under the Lifting Operations and Lifting Equipment Regulations 1998 (LOLER) and BS 7121	Name	Company
Appointed / Competent Person	James Smith	TJM Projects
Lifting Supervisor (may be same as above)	James Smith	TJM Projects
Slinger / Signaller(s)	Scott Craig	Kirk Craig

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4.1 Description of work to be undertaken

The existing cast iron sliding gates are in a poor state of repair and require remedial works to be carried out. The gates are to be broken out from the existing concrete approx. 100mm. Once broken out an assessment will be made to their condition. The existing internal cladding will be carefully removed and set aside. The gate will be slung with strops at the upper rail point in several locations and attached to the telehandler, see image below. The telehandler will take the strain and if required the bottom of the gate will be cut to free the gate.



The telehandler will then gently lift the gate and lower the gate until its resting on the ground on its base. Guidelines will be attached to the top of the gate and it will be lowered by the telehandler onto pre placed air filled bean bags. This is to reduce stress on the gate and to protect it during the lowering process. Once laid on the bean bags, the bags can be deflated, and the gate will then be supported with pallets to allow the remedial works to take place.

The process will be repeated to remove the other leaf.

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4.2	Access to the works area	The area has good access all around.
4.3	Items to be lifted	Cast Iron gate leaf's
4.4	Fixing of/ making safe lifted materials	Strops will be used to secure the gate in several positions to reduce point loading on the gate structure.
4.5	Details for installation of steels	N/A
4.6	Details for installation of other lifted materials	Following the remedial works the gate will be lifted by the telehandler with strops into the upright position and manoeuvred back into the location.
4.7	Supervision and monitoring	The works will be monitored throughout the process and evaluated as necessary.
4.8	Protection of the public / other operatives	No works to take place on the external scaffold at the times, this will be coordinated with NSS. Internally an area will be established and maintained to keep non-essential workers away from the areas. Alternative temporary access will be via the door on Tonman Street
4.9	PPE requirements	All operatives will be required to wear safety helmets, high-visibility vests and protective footwear at all times. In addition, gloves and eye protection may also be required when positioning lifted materials.
4.10	Tools required	Grinder.
4.11	Emergency procedures	As per the site induction displayed on the site noticeboard.



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4.12	Any identified additional risks	N/A