



Automations Pvt Ltd

India's No.1 Entrance Automation & Loading Bay Equipment Company

Registered Office : Chawda Commercial Centre,

Link Road, Malad (W), Mumbai - 400064, India

Tel : +91 22 6672 0200 / 0300 (200 Lines)

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Email : sales@geapl.co.in

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CIN : U31909MH2003PTC143240

Method Statement for Installation of Sliding Gate

1) OBJECTIVE

The objective of this document is to describe the procedure for Installation of Sliding gate.

Employees must: -

- Carry out work in accordance with the method statement.
- Co-operate with management arrangements in respect of method statements.
- Report any uncontrolled hazards to the employer.
- Follow instruction, training and guidance given by the employer

2) SCOPE of WORK

The scope of work associate with this method statement for installation of Sliding Gate consist of the following procedures.

- Checking site conditions
- Verify that the rough opening size matches the dimensions shown on the drawing
- Fixing of bottom track on the RCC Foundation
- Installation of guide post and safety strike post
- Fixing & Channeling the prefabricated gate on the bottom track and through guide post
- Adjustment of nylon rollers
- Installation of motor
- Electrical Connections
- Installation of Accessories
- Final Testing



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2.1 Drawing

The approved shop drawings are used for installation of Sliding Gate.

3) TRANSPORTATION

The Sliding Gate are delivered to site by prior agreement with client to suit programme by means of our own transport or by an outside hauler during normal working hours unless otherwise agreed.

4) STORAGE & HANDLING

Off-loading is by the client unless otherwise agreed and should be carried out either by hand or hydra and great care taken in order to prevent damage to finishes. Safe storage of consignment until installation is to be provided by the client unless otherwise agreed. The shifting of gate components to the installation location will be done by client unless otherwise agreed.

5) WORK EQUIPMENT

Full PPE is supplied to every site operative which includes helmets, overalls, safety boots, gloves, eye protection, ear protection, safety harness etc. Each operative is fully trained in the correct use of this equipment.

Employees must: -

- Make full and proper use of all PPE that has been issued to them.
- Inspect all PPE before use to ensure that it is suitable, clean and undamaged.
- Report any defective PPE to the employer.
- Report any discomfort or ill health experienced as a consequence of wearing the equipment.
- Not undertake any work unless the correct equipment is being worn.
- Store PPE securely at all times.

All installation procedures are carried out from either a mobile scaffolding tower or a powered scissor lift incorporating a safe working platform and all installers are trained in the safe usage of this equipment. Ladders are only used for access, inspection, measuring and minor adjustments.



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Employees will: -

- Use work equipment safely and in accordance with the information, instruction and training provided by the employer.
- Only use the equipment that they are trained on
- Take reasonable care of themselves who may be affected by their actions.
- Co-operate with the employer in the management arrangements for the provision and use of work equipment.
- Seek the permission of the employer before bringing any personal items of equipment to work where it is intended that they be used by either themselves or others as part of work activities.
- Make full and proper use of any personal protective equipment provided by the employer.

6) MONITORING

Employees must: -

- Check equipment, including any personal protective equipment supplied, is safe before use.
- Co-operate with management arrangements in respect of workplace inspections.
- Follow any training, information, guidance and instruction given by the employer for checking and inspection of safe practices.
- Report any hazards or defects to the employer immediately

7) ALIGNMENT

Each part of the structure shall be aligned as applicable after its erection, permanent connection shall not be made between members until sufficient part of the structure has been aligned, levelled, plumed and temporarily connected in such a manner that members will not be displaced during the erection and alignment of the remainder of the structure



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8) WORK EXECUTION PLAN FOR STEEL ERECTION

- Lifting canvas belts / slings with suitable SWL shall be used for unloading the material to minimize the damage to the painted surface.
- The material shall be stored above ground level on timber
- The material shall be stacked in location according to the building / areas. This is to facilitate the sorting and delivery during erection.
- Transfer from storage yard to erection location

8.1 Hydraulic crane or Hydra crane or chain pulley block (of suitable capacity and listed in the equipment register) shall be used to lift and shift the material to the erection location / site.

8.2 The material shall be stored above ground level on timber and located near to the lifting position adjacent to the area to be erected.

8.3 Material stacked shall be barricaded.

9) INSTALLATION PROCEDURE

The client must ensure that each opening is clear of obstructions and that no other trades are working around or within the openings whilst the sliding gate are being installed, there must be a level finished surface for our installers to work off.

- The installation of every component bottom track, guide post, gate, motor etc. to be carried out as outlined in the Installation Manual.
- The complete sliding gate installation is then tested for ease of operation and lubricated as necessary. The gate is then handed over to the client, with client's signature of our Completion Certificate.



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9.1 WASTE DISPOSAL

Employee's responsibilities

- To dispose of waste as instructed.
- To inform management if an activity produces waste that has not been previously identified or removed from site so that the relevant steps can be taken for safe removal.
- Not to climb onto skips or other waste receptacles.
- To inform management if waste receptacles are full and need emptying.
- Not to remove items for waste receptacles and take or use for personal use.

10) SAFETY IN ERECTION

Employees are obliged to :-

- Always follow safety rules, avoid improvisation and comply with the health and safety policy.
- Only perform work that they are qualified to undertake.
- Always store materials and equipment in a safe manner.
- Never block emergency escape routes.
- Always practice safe working procedures, refrain from horseplay and report all hazards and defective equipment.
- Always wear suitable clothing and personal protective equipment for the task being undertaken.
- Inform the First Aider or Appointed Person of all accidents that occur.
- Safety rules & procedure are used to ensure the health and safety of all persons involved in the erection work to prevent loss of lives and damage to property.

Ensure safe working practice and create safe working environment by

- Compliance, implementation and enforcement of site safety rules.
- Accident prevention by having pre-planning, instruction and constant training and education



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11) PERSONAL PROTECTIVE EQUIPMENT

Personal protective equipment is a safeguard against job hazard.
Site Engineer / Supervisor will ensure.

- To wear hard hats at all time when in erection work.
- Use of hand gloves for material handling.
- Full body safety harness must be used for height work.
- Safety shoes must be on at the time of work.
- Safety goggle must be used at the time of work.
- Lifeline shall be provided for height work.

12) MOBILE EQUIPMENT (HYDRA / CRANES)

The equipment must be checked by competent person before starting any operation. Hydra operator will ensure that no one can get on or off equipment while it is motion. Operator must ensure that during the time of movement, boom of crane must be at down position.
Site Engineer / Supervisor will ensure that:-

- There will be provision of signalman with hydra / crane operator
- During material unloading / shifting, the lifting slings to be wrapped around the load
- The pedestrian movement to be restricted below the lifted load
- All lifting hook to be provided with safety latch
- Crane operator must be competent and having thorough knowledge of crane and erection methodology
- Limit switches, load indication devices and other electrical / mechanical devices are functioning and correctly calibrated
- Loads will be raised and lowered smoothly without any jerks



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13) LIFTING TACKLES (wire rope slings, canvas belts etc.)

- Supervisor will ensure that all lifting tackles are in accordance with standard
- Nylon belt will not over load beyond safe working load.
- When weight of an object is in doubt, lifting of higher safe working load capacity will be used.
- Belt with worn out, damage or defect will not be used
- While using belt over sharp corner supervisor will ensures, padding of gunny bags, rubber packing.
- Supervisor ensures that no one will carry any repair or change in defective belt or slings.
- Regular inspection will carry out by safety dept for ensuring good quality of belts and slings.
- Supervisor will look after to avoid sudden jerk or pull to the belt.
- All defective belts will be discarded, cut off to avoid reuse.

14) HOT WORK

- Follow instruction, training and guidance given by the employer in respect of safe systems of work.
- Shields, screens and barriers as detailed on the risk assessment, must be used in every instance.
- Co-operate with management arrangements for health and safety involving hot work.
- Report to management any instances where you feel your health has been compromised by the work being conducted.
- Do not attempt to carry out hot work unless trained to do so.