

BELL SYSTEM PRACTICES
Outside Plant Construction
and Maintenance

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GAS CYLINDER DERRICK

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1. GENERAL

1.01 This section covers the gas cylinder derrick which is mounted on cable splicers' trucks to handle gas cylinders at manholes.

1.02 Since gas cylinder slings, blocks and manila rope are used with this derrick the practices on these subjects shall be considered to be supplementary instructions.

2. DESCRIPTION

2.01 The gas cylinder derrick is a small crane type derrick which mounts on the rear of cable splicers' trucks and will unload the gas cylinders from the trucks into manholes and remove the cylinders from the manholes and load onto a truck. It can also be used for lifting heavy pieces of equipment not exceeding 200 pounds in weight. The top of the derrick is about 78 inches above the ground.

3. SAFETY PRECAUTIONS

3.01 Do not exceed the capacity of the derrick.

3.02 Place appropriate signs and guards prior to working at manholes.

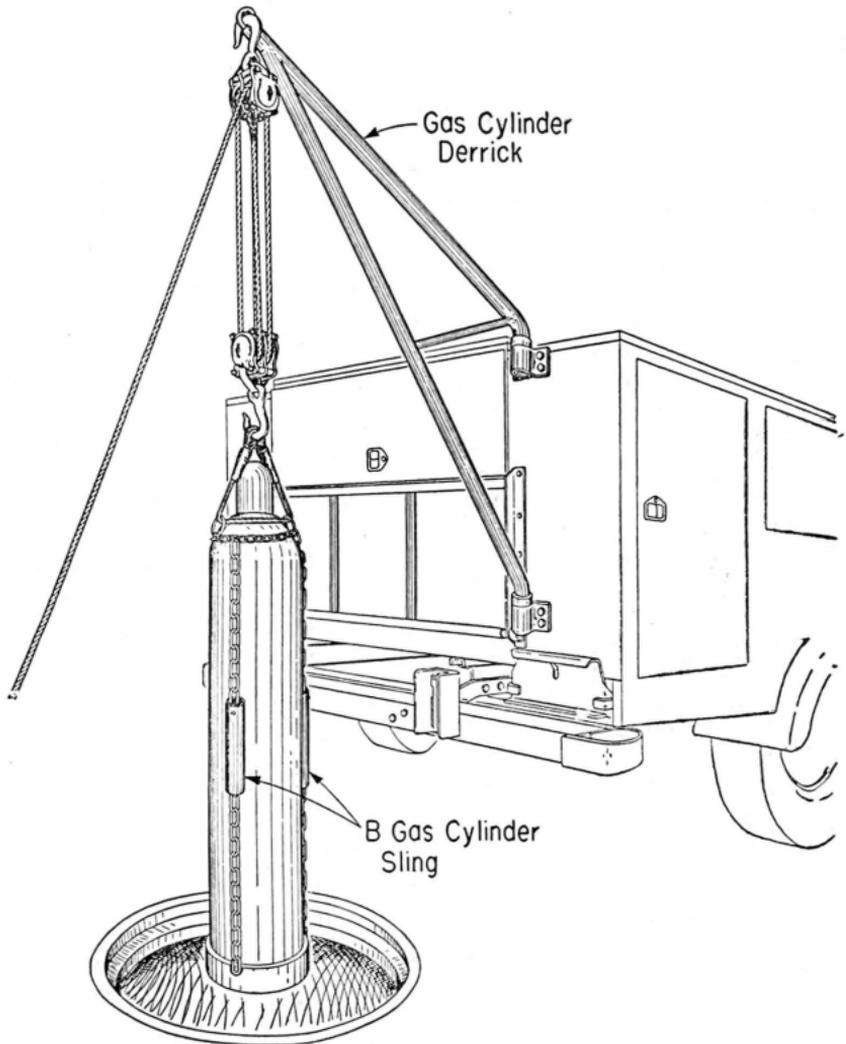
3.03 Stand clear of the derrick or its swinging area to avoid injury in case of breakage or swinging of the derrick.

4. USE OF DERRICK

4.01 Position the truck so that the head of the derrick is centered over the manhole opening. The overhang of the derrick is about three feet.

4.02 Mount the derrick in the brackets at the rear of the truck. Some trucks have brackets on both sides and others only on one side.

4.03 Use the B Gas Cylinder Sling to hold the cylinder and attach a lowering or raising device (such as two sheave blocks). Carefully lower the cylinder into the manhole.



4.04 When using the derrick on other equipment make sure that a sling is properly used to hold it.

5. STORAGE

5.01 The derrick should be stored and covered on the rear platform of the truck while traveling.