



GRIMSBY AND CLEETHORPES MODEL ENGINEERING SOCIETY



FOUNDED 1935

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AFFILIATED TO N.A.M.E

SOCIETY SITE REGULATIONS

ISSUED September 2023

Abbreviations

- | | |
|---------------|--|
| 1. PCMRSG | Passenger carrying Miniature Railway Safety Group |
| 2. HS2020 | Guidance for operators of passenger-carrying miniature railways |
| 3. G.C.M.E.S. | Grimsby & Cleethorpes Model Engineering Society (Registered Charity) |
| 4. N.A.M.E. | Northern Association of Model Engineers |
| 5. M.E.L.G. | Model Engineering Liaison Group |

1. Track Running

1.1 Normal direction of travel is Clockwise unless otherwise directed under the control of the signalman. If more than one train or locomotive is on the track, reverse direction running shall not be undertaken unless authorised by the signalman.

1.1a Signalling system must be in operation when: -

- a. Members of the public are carried on trains.
- b. The points are operational.
- c. More than one locomotive is operating on the track.

1.2 All signals must be complied with whether fixed, by flag or given by hand. A "Blacked out" or unlit signal means "STOP". Appropriate hand signals are shown in Appendix A.

1.21 Whistle signals

- | | | |
|----|-----------------------|---------------------|
| a. | Attract attention: | One long blast. |
| b. | Acknowledge: | One short blast |
| c. | Danger / stop: | Three short blasts. |
| d. | Train held at signal: | Two short blasts. |



Whistle boards with a red line across.

Means: Past that point, whistle signals should only be used in an emergency.



A whistle board with a red line across and the word END.

means past that point, whistle signals can be used with no restriction.

1.3 Drivers must travel at a reasonable speed and maintain a sensible distance from the train ahead, keeping a good look out always and slowing down when approaching the station area. The track has a maximum speed limit of 8 mph



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- 1.4 Beginners learning to drive must be supervised (having regard to their experience) and shall not carry non-members (Except during final stages of training and must be accompanied by a driver already registered on the GCMES public driver register)
- 1.5 Drivers under 16 years of age shall not carry members of the public but may carry members of their own immediate family when under supervision by a club member.
- 1.6 Members under the influence of alcohol or drugs; or have health conditions that may impair their ability to perform their duties may not be involved in operations on site.
 - a Drivers who are unfit to drive a motor vehicle in a public place may not carry members of the public. (HS2020 Para 72)
- 1.7 Visitors from other clubs/societies shall sign the Visitors Book. They must show proof of current insurance and boiler certification (if relevant) to a driver already registered on the GCMES public driver register and read the site regulations before using any model on the club site. Visiting Drivers must be approved by a driver already registered on the GCMES public driver register, who will initially accompany them on a circuit of the track to ensure they are familiar with the signals etc. Private invited guests must sign the Club House Diary and must not carry members of the public.
- 1.8 Locomotives powered by an Internal combustion engine must only be refuelled on the siding behind the signal box (HS2020Para110).
- 1.9 3½" or 5" locos may run under radio control on the inner track circuit, but the following conditions MUST be adhered to: -
 - a. If the main track is in use the signal operator must first give permission after isolating the appropriate points.
 - b. Members of the public must not be carried on the inner track circuit whilst radio control is used.
 - c. Only a competent person may operate the radio control.

2. Public Running (Railway)

- 2.1 When members of the public are carried as passengers: -
 - a. Only drivers entered on The Society Drivers Register, (or visitors conforming to 1.7 of these regulations) shall drive whilst hauling non-members of The Society. (Except beginners during final stages of training and must be under observation by a driver already registered on the GCMES public driver register).
 - b. Each train shall have a Guard who has been entered on the Society Guards Register (or visitors conforming to 1.7 of these regulations) who will be responsible for checking to ensure that trains are correctly loaded and all passengers, unless travelling in "sit-in" riding cars, are facing the direction of travel.



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- c. Trains must be checked to ensure that no children ride that are not capable of sitting on a carriage seat. If too small for their feet to reach the carriage floor, children must be restrained by an adult sitting behind them throughout the journey. We do not carry babies in arms unless in a secure papoose.
- d. All trains must be fitted with a working continuous braking system which both the Driver and Guard have the capability of operating from their position at the front and rear of the train.
- e. All Drivers must carry a 2-way Radio, set to operate on Channel 4.5 in order to communicate with the Signalman.
- f. Should the signalling system fail completely, then trains may be operated on the "one engine in steam" principal (HS2020 Para51) Ref appendix B. where only one train is on the main line at any one time. Other trains may continue to unload/load in the station area only.
- g. In the case of a partial failure, (i.e. where only a small amount of the infrastructure is out of operation) then at the discretion of the Signalman, passenger running may continue with Drivers communicating with the Signalman by radio before proceeding when an unexpected stop signal is encountered. Refer also to section 1.2 of these regulations with regard to blacked out signals.

2.2 Before trains are operated a proving run must be undertaken, details recorded and signed for by the designated person-(normally by the signalman) (HS2020Para 57)

3. Model Road vehicles

- 3.1 Model Road vehicles must keep to the left and take care at rail crossings (Rail has priority)
- 3.2 To operate on the GCMES site, any Model Road vehicles (capable of carrying the driver or towing a trailer to carry the driver), must be covered by Road traffic Act insurance.
- 3.3 A maximum speed limit of 4 mph is in force.

4. Boiler Test Certificates.

- 4.1 A current valid Boiler Test Certificate is one which: -
 - a. Has both Hydraulic and steam test certificates in date.
 - b. Issued according to "The examination & testing of miniature steam boilers" latest edition, produced by the M.E.L.G or other body.



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- 4.2 G.C.M.E.S. members who have boiler certification issued by another club/society or other body shall produce all paperwork to the Boiler inspector or other nominated person before such boilers are fired up on the G.C.M.E.S. site.
- 4.3 Steam shall not be raised in any boiler (including those belonging to visitors) anywhere upon the G.C.M.E.S. Site unless: -
- a. It is being presented for an official boiler test.
 - b. Current valid Boiler Certification is held and registered with the Boiler inspector.
 - c. A visiting engine complying with Section 1.7

5 General

- 5.1 All locomotives, rolling stock and road vehicles shall be in sound mechanical condition. In particular – boiler fittings, brakes & couplings must be operating correctly with an effective brake operable by the driver.
- Rolling stock used for carrying passengers must be of the same gauge as the vehicle the driver is sitting on unless authorised otherwise by the Trustee / committee.
- 5.2 Except in cases of emergency, all initial steam raising, and fire dropping shall be carried out in the designated areas.
- 5.3 Locomotives or road vehicles powered by an Internal combustion engine, or their riding truck must carry a fire extinguisher suitable for petrol fires.
- 5.4 To prevent accidental separation of the pulling vehicle, a safety restraint or cut-out must be fitted between the drivers riding car and the pulling locomotive.
- 5.5 All locomotives weighing less than 500kg must off load on to the steaming bay.
- 5.6 All locomotives weighing more than 500kg must off load at a designated area, (other than the hydraulic platform in the steaming bay) under the control of the duty signalman or designated person.
- 5.7 The maximum acceptable locomotive weight is 1000kgs
- a. The maximum axle loading is 250kgs
- 5.8 All locomotives and rolling stock must comply with the site loading gauge. Ref appendix D

APPENDIX



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A Appropriate hand signals.



Slow Down.

Bot Arm held horizontally and moved up
Red and down.



Ease Up.

Hands held up palms inwards, in front
of face.



- B The "One Engine in Steam principle" means a single train only on the main line.
- C "Competent person" means someone who has sufficient training and experience or knowledge.
- D "Members of the Public" means any person who is neither a member of G.C.M.E.S or a visiting member from another club, as in section 1.7
- E Were reasonably practical, G.C.M.E.S. will make its best endeavours to follow the HS2020 guidance issued by the PCMRSG. (Passenger-Carrying Miniature Railway Safety Group)



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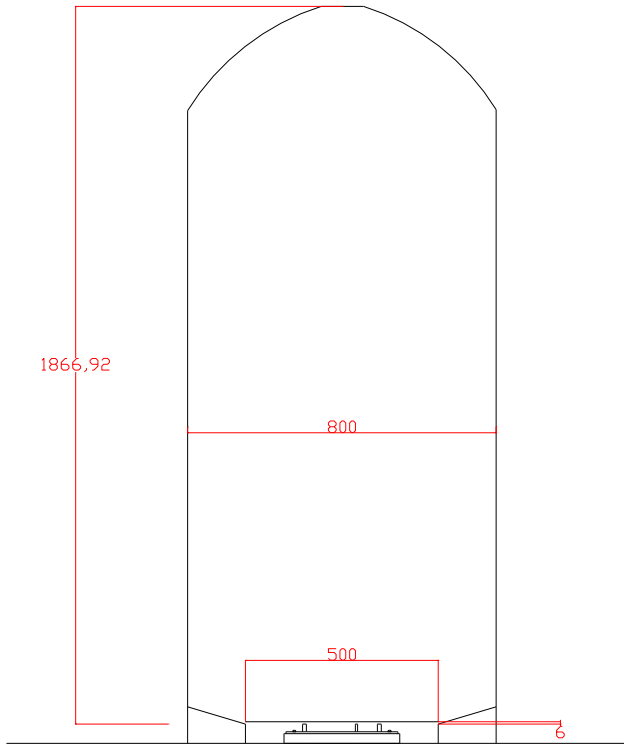


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F Site Loading Gauge



Off Loading Hydraulic Traverser

MAX Weight (off-loading table)	0.492 ton (500 kg)
MAX Width	2ft 6in (800mm)
MAX Length	6ft (1.8 meters)

Turn Table

MAX Length	10ft (3 metres)
MAX Width	2ft 6in (800mm)

Track

MAX Width at track level	1ft 6in (500mm)
MAX locomotive weight	1000kgs
MAX axle loading	250kgs.
MINIMUM Height above track level With SUSPENSION fully compressed	¼ in (6mm)