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 APPOINTMENTS, &c.
 

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**No. 323.**—His Excellency the Governor has been pleased to appoint Mr. WILLIAM JAMES LOCKHART-SMITH to be a Deputy Registrar of Marriages with effect from the 27th May, 1930, until further notice.

*30th May, 1930.*

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**No. 324.**—His Excellency the Governor has been pleased to appoint Lieutenant HARRY OWEN HUGHES, Hong Kong Volunteer Defence Corps, to be one of his Honorary Aides-de-Camp, with effect from this date.

*30th May, 1930.*

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**No. 325.**—His Excellency the Governor has been pleased to appoint Mr. Lo KA Mo (羅嘉模) to be a "Forest Officer" for the control and superintendence of the Forests of the Colony, with effect from 1st March, 1930.

*30th May, 1930.*

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**No. 326.**—His Excellency the Governor has been pleased to appoint Mr. FREDERICK CHARLES HALL to be a member of the Sanitary Board for a term of three years, *vice* Lieutenant-Colonel CHARLES DUNCAN MYLES, O.B.E., R.A.M.C., resigned, with effect from 23rd May, 1930.

*30th May, 1930.*

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**No. 327.**—His Excellency the Governor has been pleased to appoint, provisionally and subject to His Majesty's pleasure, Mr. ANTONIO FERREIRA BATALHA SILVA-NETTO to be temporarily an Unofficial Member of the Legislative Council, in the place of Mr. JOSÉ PEDRO BRAGA, who is temporarily absent from the Colony, with effect from 30th May, 1930.

*30th May, 1930.*

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 NOTICES.
 

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POLICE HEADQUARTERS.

**No. 328.**—The following particulars of the constructional requirements of the Inspector General of Police in considering applications for motor omnibus licences are notified for general information.

T. H. KING,  
*Inspector General of Police.*

*30th May, 1930.*

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**Constructional Requirements for Public Service Vehicles.—**  
**(Motor Omnibuses).**

Every Public Service Vehicle shall be constructed in a good and workmanlike manner of sound and sufficient materials, and shall comply with the requirements set out below in addition to the general requirements relating to the construction of motor cars. The requirements shall be read subject to the following notes:—

- (1) The seating capacity is, in all cases, exclusive of the driver, and the requirements have no reference to vehicles with a seating capacity of 8 or less.
- (1A) The chassis in every case shall be of a low loading type of the best quality and workmanship.
- (2) A vehicle may not be used as a Public Service Vehicle unless it is so constructed or adapted as to provide:—

1. not more than two doors or openings for passengers, which shall comply with the provisions of No. 26 of these requirements, and neither of which shall be on the off-side of the vehicle;
2. entirely unobstructed internal accessibility to all seats; and
3. a minimum height inside, ascertained as in the manner set out in No. 27 of these requirements, of 5ft. 10ins.

1. *Weight.*—The total weight laden and complete for service in the city of Victoria and Kowloon must not exceed 9 tons, and the weight on any one axle must not exceed  $5\frac{1}{2}$  tons. 100 lbs. to be allowed for each passenger as well as the driver and conductor in calculating the total laden weight.

The weights of vehicles for use in the N. T. shall not exceed  $3\frac{1}{2}$  tons and for the Island Roads shall not exceed 5 tons.

2. *Length.*—The maximum length, measured from the dumb irons, must not exceed 28 ft., except that the hood (if any) when down, shall not be included in calculating the maximum length.

3. *Width.*—The overall width must not exceed 7 ft. 6 ins.

4. *Overhang Behind Rear Wheels.*—The overhang behind rear wheels measured from the centre of the rear axle shall not exceed  $\frac{7}{24}$ ths of the overall length of the vehicle.

5. *Wheel Track.*—The distance between the centre lines of the track of the front wheels and of the rear wheels must be as nearly as possible the same, and must not be less than 72% of the overall width for a double deck vehicle, and 69% of the overall width for a single deck vehicle. In no case may the distance between the centre lines of the tracks of the front wheels be less than the distance between the centre lines of the tracks of the rear wheels, nor shall the excess be more than 5 ins. In all cases wheel track measurements shall be taken horizontally in line with the axles.

6. *Road Wheels.*—When the axle weight on any axle exceeds 4 tons, the diameter of the tyres on the wheels of such axle shall not be less than 950 m.m. Pneumatic tyres must be used.

7. *Brakes.*—(a) There must be at least two independent brakes, the application of either of which shall be capable of causing the two rear wheels to be so held as effectually to prevent the wheels from revolving, or shall have the same effect in stopping the vehicle as if such wheels were so held.

(b) Brakes will not be deemed independent which are operated by pedals or levers acting through the same connections or upon the same brake blocks. One brake must be applied by a pedal, and at least one brake must act directly upon the road wheels without any connection with the propelling gear.

(c) The operation of either brake must not in any case declutch the engine from the transmission gear.

(d) Nothing shall be placed on the vehicle which will prevent access to the brakes for adjustment.

8. *Springs.*—(a) Rear—The rear springs must be attached to, or bear upon the back axle or axle casing as near to the road wheels as possible, and the distance from outside to outside must not be less than 50% of the overall width of the vehicle.

(b) Front—The front springs must be as wide apart as possible, and not less than 42% of the overall width of double deck vehicles, and 37% of the overall width of single deck vehicles from outside to outside, provided that if the width of the rear springs from outside to outside is 53% of the overall width or more, the minimum width between the front springs as provided above may be reduced by 1 in.

(c) Cross—Prohibited.

9. *Steering Arms and Connections.*—(a) The steering mechanism must be so constructed or arranged as to avoid the possibility of overlock.

(b) The ball and socket joints of steering connections, when such are used, should not be pendant, but the longitudinal or transverse rods must be carried upon the ball.

(c) All brake and steering connections secured with bolts or pins must have such bolts threaded and fitted with nuts, which latter must be locked or pinned.

(d) The steering gear, including the arms and other connection thereof, must be of ample strength, and as far as possible protected from damage by collision.

10. *Left-Hand Drive.*—The steering pillar must be on the right-hand side of the chassis and the driver's seat must be so placed as to permit him to give the usual traffic signals on the off-side of the vehicle by hand.

11. *Clearance.*—All the underparts of the vehicle inside the pivots of the front axle and steering arms as far back at least as 14 ft. 6 ins. from the front of the vehicle (or up to but not including the back axle if the back axle is nearer than 14 ft. 6 ins.) must clear the ground by at least 10 ins., sufficient allowance in addition being made to provide for the wear of the tyres, set of the springs, or other causes of lessened height, so that the minimum clearance of 10 ins. is at all times maintained.

12. *Lock-Nuts.*—All moving parts, and all parts subject to severe vibration connected by bolts or studs and nuts must be fastened by lock nuts, or by nuts and efficient spring or lock nut washers, or by castellated nuts and split pins so as to prevent their working or coming loose.

13. *Guard for Sprocket.*—Driving chains and sprockets must be protected by a suitable guard.

14. *Fuel Tanks.* (a) Fuel tanks must be so placed that any overflow shall not fall upon any woodwork or accumulate where it can be readily ignited.

(b) The petrol supply pipe must be so led that a cock can be provided which shall be visible, and readily accessible at all times from outside the vehicle to shut off the main supply.

(c) The filling point must be outside the body of the vehicle, and special care must be taken that the filler caps of all petrol tanks are tightly fixed in position. The vent hole (if any) must be protected from danger of fire penetration, and must be designed to prevent petrol being splashed over.

15. *Exhaust Pipe.*—The exhaust pipe must not be fixed in such a position that oil, or any vapourisable or inflammable material, is likely to be dropped upon it.

16. *Carburettors.*—Carburettors or other petrol receptacles must be suitably encased or screened, or so placed that no leakage from them shall fall upon any magneto, or any connections or wires carrying electric current.

17. *Turning Circle.*—Each vehicle must be able to turn in either direction in a circle not exceeding 60 ft. in diameter as determined by the extreme wheel track. In the case of single deck vehicles, the diameter of the minimum turning circle must not be less than 52 ft.

18. *Hub-Caps.*—Hub-caps must not project more than 3½ ins. beyond the rim of the wheel.

19. *Driver.*—(a) No passenger to be permitted on the right-hand side of the driver.

(b) Where passengers are carried on the left-hand side of the driver, a space of at least 18 ins. from the centre of the steering column to the left thereof shall be reserved for the driver, to be divided off from such passengers by means of a solid partition at least 9 ins. high and extending for the whole width of the seat.

20. *Wind Screens*.—Front glass wind screens (if any) must be securely fastened, and of such a size and construction that the view of the driver shall at all times, and under all conditions be clear and unobstructed. Adjustable sections (if any) must be provided with adequate locking or fixing devices. Wind screen wipers must be fitted.

21. *Lifeguards*.—Vehicles not fitted with “running boards” or the equivalent, and so constructed as to leave the space between the front and rear wheels unguarded, must be fitted with guard rails so as to guard that space effectively.

22. *Body*.—The body must be securely affixed to the chassis.

23. *Floor Boards*.—(a) Floor boards must be strong and well fitted; also where they are intended to be lifted, properly hinged sunk lifting rings must be provided for the purpose.

(b) Holes may be bored in floor boards for drainage purposes, but are prohibited for any other purpose.

24. *Pillars*.—All body pillars must be of sufficient strength, the joints properly made, and all parts liable to severe stress properly ironed and stayed.

25. *Window Rails*.—When the side lights are made to be lowered, provision must be made (by means of guard rails or otherwise) to protect the arms of seated passengers from being thrust through and injured by passing traffic, or the extent to which the side lights can be lowered must be limited so that such protection may not be needed.

26. *Entrances and Exits*.—(a) Where the vehicle is fitted with a permanent top and the entrance is not at the rear end, an emergency door opening outwards shall be provided behind and clear of the rear wheels. This door must be easily accessible to the passengers, and so fastened as to be readily opened in case of need both from the inside and from the outside.

(b) Direct access to the driver's seat from the offside must be provided when there are seats for passengers on his left side.

(c) Door handles or levers to door catches must be affixed in such a manner that they cannot become dislodged or rendered inoperative by accidental manipulation. Except in regard to the door referred to in (a) above, if the handles or levers are on top of or inside the doors, double locks, safety catches or straps or some other form of additional fastening shall be provided.

(d) A grab handle must be fitted to each doorway to assist passengers in mounting or alighting from the vehicle.

(e) No doorway shall be less than 18 ins. in width, and if the door does not open to the full extent of the doorway it must open to the extent of at least 18 ins.

27. *Height (Inside body)*.—Where permanent tops are fitted, the height inside, measured at the centre line of the vehicle, from the top of the floor battens of the lower deck to the lower edge of the hoop sticks or other such projections must not be less than 5 ft. 3 ins. if the seating capacity of the vehicle does not exceed 20, and not less than 5 ft. 10 ins. if the seating capacity of the vehicle exceeds 20.

28. *Breadth (Inside body)*.—When the seats are placed lengthwise, the surface of any portion of the seat against which the back of the passenger is to rest shall be at least 54 ins. from the surface of the corresponding portion of the seat facing it.

29. *Seats*.—At least 16 ins. measured in a straight line along the length of the front of each seat must be allowed for each passenger on every seat, which seat must be fit and convenient for sitting on. Cross or “garden” seats must be so fitted that:—

- (1) When facing in the same direction a clear space of a minimum width of 25 ins. must be provided in front of the back of each seat at all points measured along the top of the seat back;
- (2) When facing each other there must be a clear space between all parts of the front of each seat of a minimum width of 19 ins.

30. *Seats at wheel arch.*—Where seats are placed over the wheel arch they must be placed in such a position as not to cause discomfort to passengers using them.

31. *Seat backs.*—The backs of all seats must be so closed or otherwise constructed as to prevent, as far as possible, the pockets of passengers being picked.

32. *Access to Seats.*—Note.—(a) Any form of seating accommodation across or in the gangways is prohibited, except in the case of those vehicles not fitted with a permanent top.

(b) The width of the gangway must not be less than 12 ins. up to seat level. Above seat level the width of the gangway must not be less than 14 ins.

33. *Steps.*—(a) The lowest step for entrance upon the vehicle when empty, must not be more than 15 ins. or less than 10 ins. above the ground.

(b) Non-slip treads must be fitted to each step of each doorway, and the treads should be level.

34. *Wing Guards.*—Suitable wings must be provided above each wheel to prevent mud splashing as far as practicable.

35. *Gas Containers.*—Where acetylene or other gas is used for lighting purposes, the cylinders or vessels which contain the gas, or in which the gas is generated, must be fixed outside the body and in such a position as to be as far removed from the danger of accidental ignition or damage by impact.

36. *Insulation.*—All electric leads must be adequately insulated.

37. *Fire Extinguishers.*—Suitable and approved appliances for extinguishing fire must be carried in such a position as to be readily available for use.

38. *Ventilation.*—There must be adequate ventilation without the necessity for opening the main windows.

39. *Signal Apparatus.*—Efficient means must be provided to enable passengers, both inside and outside, to signal to the driver or conductor when required.

40. *Mirrors.*—A mirror must be provided to enable the driver to observe the overtaking traffic.

41. *Grease Dropping.*—The chassis must be so constructed as to prevent oil or grease from the bearings or other parts dropping on to the roadway.

(A).—ADDITIONAL REQUIREMENTS FOR DOUBLE DECK VEHICLES.

42. *Distribution of Seats.*—The ratio of the passenger seating capacity of the top deck to that of the lower deck must not exceed 8 to 7.

43. *Guard Rails.*—The top of the side guard rails must be at least 3 ft. from the top of the roof battens at the side, and 18 ins. above the highest part of the seat. The front and back rails must follow the camber of the roof and be at the least 3 ft. 3 ins. high when measured from the top of the roof battens.

44. *Step Risers.*—The risers of all steps leading from the lower to the upper deck must be closed, and the treads of all steps fitted with a non-slip form of tread.

45. *Aperture at Landing Board.*—No aperture must be left at the top landing board through which a passenger might inadvertently step.

46. *Height.*—From the ground to the highest point of the roof of the lower deck the height must not be greater than 9 ft. 3 ins.

47. *Platforms.*—The length of the platform, if at the rear, must in no case be less than 36 ins. If the platform is not at the rear, then the length must in no case be less than 30 ins.

48. *Staircase Screen*.—The outer stringer of the staircase should be so constructed, or a band should be so placed, as to act as a screen to persons ascending or descending.

(B).—ADDITIONAL REQUIREMENTS FOR VEHICLES WITHOUT PERMANENT TOPS.

49. *Height*.—The height of the body sides from the floor must not be less than 2 ft. 4 ins.

50. *Hood (other than permanent)*.—(a) When extended or raised the height of the hood from the floor must not be less than 5 ft. at the centre line of the vehicle, except over the driver's seat.

(b) Hoods must be provided with an adequate back light made of a transparent mica or similar transparent substance not liable to breakage.

(c) Hoods must be efficiently stayed and easily adjustable.

(d) When side (storm) curtains are provided they must have mica or similar lights.

(e) The hood crutches, wing nuts, runners, etc., are to be included in measuring the length or width of the vehicle.

(C).—ADDITIONAL REQUIREMENTS FOR VEHICLES WITH ENTRANCES FOR PASSENGERS ON BOTH SIDES OR WITH MORE THAN TWO DOORS ON ONE SIDE.

51. *Entrances and Exits*.—Where a doorway is placed above the back wheel, a step or bar must be provided to facilitate boarding or alighting.

52. *Steps*.—Fixed steps must not be less than 9 ins. wide, but in no case shall the steps project beyond the front wings.

ROYAL OBSERVATORY.

No. 329.

Sunrise and Sunset in Hong Kong for June, 1930.

(STANDARD TIME OF THE 120TH MERIDIAN, EAST OF GREENWICH.)

DATE.	SUNRISE.	SUNSET.	DATE.	SUNRISE.	SUNSET.
June 1.....	5.38 a.m.	7.03 p.m.	June 16.....	5.38 a.m.	7.08 p.m.
" 2.....	5.38 "	7.04 "	" 17.....	5.38 "	7.09 "
" 3.....	5.38 "	7.04 "	" 18.....	5.38 "	7.09 "
" 4.....	5.38 "	7.04 "	" 19.....	5.39 "	7.09 "
" 5.....	5.38 "	7.05 "	" 20.....	5.39 "	7.10 "
" 6.....	5.38 "	7.05 "	" 21.....	5.39 "	7.10 "
" 7.....	5.38 "	7.06 "	" 22.....	5.39 "	7.10 "
" 8.....	5.38 "	7.06 "	" 23.....	5.40 "	7.10 "
" 9.....	5.38 "	7.06 "	" 24.....	5.40 "	7.10 "
" 10.....	5.38 "	7.07 "	" 25.....	5.40 "	7.11 "
" 11.....	5.38 "	7.07 "	" 26.....	5.40 "	7.11 "
" 12.....	5.38 "	7.07 "	" 27.....	5.41 "	7.11 "
" 13.....	5.38 "	7.08 "	" 28.....	5.41 "	7.11 "
" 14.....	5.38 "	7.08 "	" 29.....	5.41 "	7.11 "
" 15.....	5.38 "	7.08 "	" 30.....	5.41 "	7.11 "

T. F. CLAXTON,  
Director.

29th May, 1930.