



The Lansdowne Classic Series Ltd

2024 Technical Regulations

All bikes must be registered with the TLCS Ltd and riders must be members of TLCS Ltd in order to race with the Lansdowne Series. Application forms are available from the 'Downloads' section of the website (www.lansdowneclassic.co.uk) where on-line membership is available as well.

INTERPRETATION

The interpretation of these regulations is entirely the province of the Lansdowne Classic Series Ltd (TLCS Ltd)

MACHINE ELIGIBILITY

The Lansdowne British Championship (Class 11a) races are open to pre 1964 Group 1 (machines made specifically for racing in Grand Prix, TT and Thoroughbred racing) classic racing motorcycles conforming to these regulations.

The Lansdowne Clubman's 500cc Championship (Class 11b) and The Lansdowne Avon 350cc Championship (Class 11c) races are open to pre 1964 Group 1 (machines made specifically for racing in Grand Prix, TT and Thoroughbred racing) classic racing motorcycles and certain Group 2 (machines converted from road bikes for racing) classic racing motorcycles conforming to these regulations.

The Lansdowne pre '55 Championship (Class 11d) races are open to pre 54 Group 1 (GP type) and pre 55 Group 2 (machines converted from road bikes for racing) classic racing motorcycles conforming to these regulations.

The Lansdowne Invited Machines (Class 11g):

Machines which do not entirely conform to these regulations may be invited to race with the Lansdowne Series if in the opinion of the Series Organisers (TLCS Ltd) they consider the machine would make a valuable contribution to the Lansdowne Series and:

- They consider that the machine is in the spirit of the Lansdowne Classic Series
- Such machines are prepared to a sufficiently high standard
- Such machines will not score championship points but may be granted 'invite' awards.
- Such machines will be granted One Event Invited Machine Lansdowne eligibility, valid for a length of time to be decided by TLCS Ltd

Please contact the Lansdowne organisers (chatter@lansdowneclassic.co.uk) to discuss any possible invitation machine.

RIDER ELIGIBILITY

All riders must be paid up current members of The Lansdowne Classic Series. Riders must hold a motorcycle racing licence as defined in the Supplementary Regulations of the meeting they are riding at.

Rider Placement: The organisers reserve the right to place a rider in the class they feel is most appropriate if necessary.

PERIOD CLASSIFICATIONS

Classes 11a, 11b and 11c - up to 31st December 1963

Class 11d Group 1 up to 31st December 1953; Group 2 up to 31st December 1954

CAPACITY CLASSIFICATION



Classes 11a & 11b - 351 to 500c

Class 11c - up to 350cc

Class 11d – up to 500cc for Group 1 bikes; up to 1000cc for Group 2 bikes

**GENERAL TECHNICAL REGULATIONS - ALL CHAMPIONSHIPS except pre'55 Class
(To be applied in conjunction with the championship specific regulations)**

1. **Overarching Regulations:** All machines must conform to ACU (and FIM where applicable) regulations for Road Racing Motorcycles.
2. Original period motorcycles are eligible provided the specification and appearance of the motorcycle is substantially unaltered. Such machines could be 'one off's', ex-factory machines or have been available 'over the counter'.
3. Replica motorcycles are eligible but only if they replicate machines which were raced in the period, were generally available 'over the counter', and are accurate in every substantive detail of engineering specification and appearance. In particular, the following relates to the machine being replicated: Engines must be of similar internal specification and externally very similar in appearance. Gearboxes must replicate the exterior appearance; however, 5 or 6 speed internals may be fitted. In the interests of longevity belt primary drives may be fitted. Frames, swinging arms and front forks (internals free) must be as exact replicas as possible. The maximum allowable carburettor choke diameter is 1.5". Brakes must replicate original, 'as supplied' type. Where shown to be used as a period fitting the period type Oldani front brake may be used. Fuel and oil tanks, seats, rear suspension units and such like items must retain period appearance. Weights of replica machines must be similar to the 'as supplied' weights and a list of minimum weights is appended (Appendix A). Machines will be weighed 'wet' (with oil and fuel) and ready to race. Please apply to the organisers for minimum permitted weights for machines not quoted on the appended list.
4. 'Short stroke' motors are not permitted. For example, the shortest stroke Manx Norton allowable is with the 86x 86 engines. Owners / riders are advised to contact the organisers for clarification if any doubt exists.
5. 'Short rod' motors are not allowed. Owners / riders are advised to contact the organisers for clarification if any doubt exists.
6. All engines must have no more than 2 valves per cylinder.
7. Period presentation of machines is absolutely vital and is an integral part of the eligibility process. So, for example if modern materials are used, they must be given a period finish.
8. All machines must be silenced to ACU standards and will be tested to these standards before being allowed to race excepting where the Supplementary Regulations allow for different sound level limits.
9. Tyres must conform to ACU Road Race regulations. Please note that slick tyres, wet weather tyres and hand cut tyres are **not** permitted.
10. The maximum rim size allowable is WM3.
11. Fairings are not allowed in Championship classes.
12. Provided ignition systems are mounted in the original position and closely resemble original ignition systems then electronic components may be used.
13. Open valve operating mechanisms (e.g., hairpin spring types) may be enclosed by a suitable period looking apparatus. (In order to cut down possible oil contamination). Owners are encouraged to make such modifications.
14. **Fuel:** Methanol may be used as a fuel for pre-war machines only, and they must display a 3" orange disc on the number plates as per ACU regulations. Post war machines using pre-war engines (for example JAP speedway type engines etc) may apply to the organisers for a dispensation to run methanol fuel. (However, such machines must reflect a pre-war specification) All other machines must use either:
 - 14.1 Leaded fuel to FIM specification (roughly 100LL Avgas) or;
 - 14.2 Unleaded 'pump' fuel to ACU / FIM specifications for Road Racing or;
 - 14.3 Leaded fuel to the following specification:



Property	Maximum
RON	105
MON	95
Lead g/L	0.56

E85 bio ethanol fuel is NOT allowed.

SPECIFIC TECHNICAL REGULATIONS all CLASSES

Class 11a - Lansdowne British Championship

1. Only 500cc machines are eligible for this championship.
2. Machines in this championship are expected to be of a very high standard of preparation and originality.
3. Wheel sizes must be as supplied in the period for the machine. So, for example for Manx Norton's, Matchless G50's and so on this will be 19".
4. Exhaust pipe runs must be as original. So, for example for Manx Norton's, Matchless G50's and so on, in general this will be low level 'swept back' exhaust pipes.
5. 'Stepped' or tapered exhaust down pipes are not allowed.
6. Carburettors must be as supplied in the period for the machine. So, for example for Manx Norton's, Matchless G50's and so on this will be an Amal GP.
7. Fairings are not allowed.
8. There will be no handicap system running in this championship.

Class 11b and 11c - Lansdowne Avon 350cc and 500cc Championships

1. Machines in these championships are expected to be of a very high standard of preparation and originality.
2. Machines must comply with the General Technical Regulations above.
3. Machines will be subject to a handicap system based on the particular specification of the machine – see the Championship section below.
4. Fairings are not allowed.

Class 11d - Lansdowne pre '55 Class Championship

The Lansdowne pre '55 Class is based on the Goodwood Revival, Barry Sheene Memorial Trophy, 50's spec race regulations.

Definitions pre '55 Class:

Group 1: Thoroughbred machines built specifically for racing in Grand Prix, International / National Short Circuit and TT racing.

Group 2: Road bike-based machines converted for road racing use.

Specials: Racing machines built from such a mixture of proprietary and 'homemade' parts that they no longer are defined as a bike from any particular manufacturer. Examples of such machines are JABS, Woden (both of which have already taken part in the Barry Sheene Memorial Trophy), the DW Special, and Triumph-JAP both of which appeared in the 1951 race meeting. New for 2022 are Tritons defined as machines built up from a Manx Norton chassis and Triumph twin engines.

General Regulations pre '55 Class:

Capacity Limits: The upper capacity limit is 500cc for Group 1 machines and 1000cc for Group 2 and Specials. Supercharging is allowed for pre-war Group 2 machines when the total capacity of the engine and supercharger together must not exceed 1000cc.

Presentation: Period appearance is essential along with a high level of preparation and presentation.

Overarching Regulations: Machines must conform to current ACU (and FIME) rules where applicable. For example, 'sharks-fin' rear chain guards and fully enclosed primary chain guards must be fitted. See ACU Road Race regulations 14.14.



Oil Lines: Although not of period appearance it is advised that external oil lines which are subject to internal pressure should be of the armoured type of hose. See ACU regulations for Road Racing 14.16.

Instruments: Only mechanical rev counters may be used

Suspension: Rear suspension units may be replaced with new units, but these must be in keeping with period appearance. Front forks may have upgraded internals but must be in keeping with period appearance.

Exhaust Systems: Exhaust systems must be in keeping with the look and style used in period. Pre-war machines may race with Brookland's fish tail silencers.

Transmission: Speedway chain drive clutches may be used

Specific Regulations for GP, Group2 and Specials pre '55 Class:

Part 1 - Group 1 Machines:

In addition to the General regulations above:

1. Only period machines that have provable period race history, built solely for racing in GP's, TT's and so on but also available to the general public (so called 'production' racers) are eligible.
2. In the interests of achieving a level playing field 'works' type machines or machines using 'works' parts are not allowed
3. Replicas of Group 1 machines are allowed but must be accurate in every detail to the replicated machine.
4. Group 1 machines must be raced in a specification and form which is as close as practicable to the **complete** specification and form they were in when they were raced in the period.
5. Internal engine and gearbox components may be re-manufactured in modern materials but the specifications in terms of bore & stroke, valve operation, number of valves, valve angles, port angles and so on must not be altered. The number of gearbox speeds must remain the same although different ratios may be fitted. Original type primary drive (normally chain) must be used. Original type clutches must be used.
6. Newly manufactured parts may be used but must be as indistinguishable from original parts as possible.
7. All frame parts, suspension parts, wheels (both diameter and type of rim), brakes, tank, seat, handlebars and controls must either be original period or faithful replicas (see 2 above) of original period parts for the machine in question. Wheel rim width may be increased to fit modern tyres up to a maximum of WM3.
8. Fairings either top half or full are **only allowed** with the express permission of the organisers. 'Dustbin' fairings are not allowed.
9. Provided ignition systems are mounted in the original position and closely resemble original ignition systems then electronic internal components may be used.

Part 2 - Group 2 Machines:

In addition to the General regulations above:

1. **Sundry Parts:** Group 1 parts are not allowed on Group 2 machines unless it is shown conclusively that such parts were used on the machine in question in period. All parts must be of the period i.e. up till 31/12/54. Newly manufactured parts may be used but must be as indistinguishable from the original, period road bike parts as possible. In certain cases where a model run is continued without modification beyond the cut-off date the organisers, solely at their discretion, may grant eligibility to machines dated later than the cut-off date. Clip on handlebars, racing petrol and oil tanks, racing seats, front fly screens, alloy engine plates and racing exhaust systems may be fitted as long as any such item is in keeping with the period look of the machine. Road equipment like dynamos, lights and so on may be removed. Stands must be removed. Fairings either top half or full are only allowed with the express permission of the organisers. 'Dustbin' fairings are not allowed.
2. **Frame and swinging arm:** The frame loop must remain unaltered, but the swinging arm may be altered (e.g. to move suspension pick up points) or replaced with one from a different model as long as the replacement is within period.
3. **Front Forks / steering yokes:** May be replaced with ones from a different model as long as the replacement is within period.
4. **Brakes:** must be as fitted to the original machine. Original brake plates may be modified to change from single leading shoe to twin leading shoe operation. The fitting of air scoops is allowed, and brake lining material is free.
5. **Wheels:** Steel rims may be replaced by alloy rims, but the original diameter and width must be retained. In any event the maximum rim size allowed is WM3.



6. **Engine:** Internal engine components may be manufactured from modern materials but the specification in terms of crankshaft configuration (e.g., 360-degree twin etc), valve operation, number of valves etc must be retained.
7. **Gearboxes:** Must be of period type. May be fitted with 5 speed gearboxes as long as the external appearance of the gearbox is unaltered. AMC / Norton gearboxes may be used.
8. **Primary Drive:** Original type primary drive (normally chain) must be used. Original type clutches must be used.
9. **Ignition Systems:** Provided ignition systems are mounted in the original position and closely resemble original ignition systems then electronic internal components may be used.
10. **Carburettor/s:** Only period type carburettors may be used. Extra carburettors may be fitted – e.g. twin carburettors on a twin cylinder etc. Racing carburettors may be used except where a Group 2 Specification lists particular carburettors. Carburettors may be bored to achieve a larger bore size.

Part 3 – Specials – pre '55 Class:

In addition to the General Regulations above:

It is not possible to list specific regulations for Specials as by their very nature they are unique machines. Thus, owners of specials **must** contact (chatter@lansdowneclassic.co.uk) and liaise with the organisers to gain approval. Basically, specials must reflect the sort of bikes that people constructed in the period.

Lansdowne Invited Machines (Class 11g):

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- They consider that the machine is in the spirit of the Lansdowne Classic Series
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- Such machines will not score championship points but may be granted 'invite' awards.
- Such machines will be granted One Event Invited Machine Lansdowne eligibility, valid for a length of time to be decided by TLCS Ltd.

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POINT SCORING in LANSDOWNE CHAMPIONSHIPS

- Points:** Old GP Scoring system of 15 points (1st), 12 points (2nd), 10 (3rd), 9 (4th), 8 (5th), and so down to 1 point for 12th place. For pre 1948 machines points will be awarded on the basis of one place higher than their finishing place. So, if a 6th place finish is achieved the points gained will be for 5th place etc.
- Ties:** In the event of a tie for any Championship the winner will be decided by number of wins or if that does not resolve the tie the number of second places and so on till the tie is resolved
- Entry levels:** If 3 or fewer riders enter a class at any meeting then Championship points will be allocated as follows: 10 points (1st), 7 points (2nd) and 5 points (3rd)
- Rounds:** All rounds / races count.
- Handicap** points for Lansdowne 500cc and 350cc Championships are laid out in this table.

Item	Detail	Points Loss	Comments
Front Brakes	Non original fitment	-1	Post 31/12/62 not eligible
Front Brake – Fontana 210mm	Non original fitment	-2	Dispensation
Carburettor	Gardner	-2	
Non Period	Other non period Fitments	-1	
Exhaust Pipes	High Level	-1	
Exhaust Pipes	Tapered / Stepped	-1	
Wheels	18" rims	-1	
Dating	Pre 1948 machines in pre 55		Points for a 1 place higher finish

APPENDIX A - Table of Minimum Weights

Make / Model	Capacity	Minimum Weight (lbs 'wet')
Norton Manx	500	312
Norton Manx	350	307
Matchless G50	500	284
AJS 7R	350	284
McIntyre G50	500	295
Aermacchi	350	220
Moto Guzzi	250 / 350	215
Ducati	350	260