ARTICLES OF ASSOCIATION

OF

HEPWORTH REFRACTORIES (HOLDINGS) LIMITED

(in the process of changing its name to Refraco (UK) Limited)

(Adopted by special resolution passed on 15 April 1997)



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A PRIVATE COMPANY LIMITED BY SHARES

ARTICLES OF ASSOCIATION

of

HEPWORTH REFRACTORIES (HOLDINGS) LIMITED

(in the process of changing its name to Refraco (UK) Limited)

(Adopted by special resolution passed on April 1997)

PRELIMINARY

- 1. The regulations in Table A in the Companies (Tables A-F) Table A Regulations in force at the date of the incorporation of the Company shall not apply to the Company.
- 2. In these Articles, except where the subject or context otherwise Interpretation requires, the words defined in the first column of the following table shall bear the meanings set opposite them respectively in the second column.

the Act means the Companies Act 1985 including any modification or reenactment thereof for the time being in force.

these articles means these articles of association as altered from time to time by special resolution.

the auditors means the auditors for the time being of the Company.

the board means the directors or any of them acting as the board of directors of the Company.

Clear days means the period excluding the day when a notice is given or deemed to be given and the day for which it is given or on which it is to take effect.

the Companies Acts has the meaning ascribed thereto by section 744 of the Act and any enactment passed after those Acts which may, by virtue of that or any other such enactment, be cited together with those Acts as the "Companies Acts" (with or without the addition of an indication of the date of any such enactment).

director means a director of the Company.

dividend means dividend or bonus.

the holder means, in relation to any shares, the member whose name is entered in the register as the holder of such shares.

member means a member of the Company.

the Memorandum means the memorandum of association of the Company as amended from time to time.

the office means the registered office of the Company.

paid means paid or credited as paid.

the register means the register of members of the Company.

the seal means the common seal of the Company and includes any official seal kept by the Company by virtue of section 39 or 40 of the Act.

the secretary means the secretary of the Company and includes a joint, assistant, deputy or temporary secretary and any other person appointed to perform the duties of the secretary.

the United Kingdom means Great Britain and Northern Ireland.

References to a document being executed include references to its being executed under hand or under seal or by any other method.

References to writing include references to any visible substitute for writing and to anything partly in one form and partly in another form.

Words denoting the singular number include the plural number and vice versa; words denoting the masculine gender include the feminine gender; and words denoting persons include corporations.

Save as aforesaid any words or expressions defined in the Act (but excluding any statutory modification thereof not in force at the date of adoption of these Articles) shall, if not inconsistent with the subject or context, bear the same meaning in these Articles.

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Subject to the preceding paragraph, references to any provision of any enactment or of any subordinate legislation (as defined by section 21(1) of the Interpretation Act 1978) include any modification or re-enactment of that provision for the time being in force.

Headings are inserted for convenience only and do not affect the construction of these Articles.

3. In these Articles, (a) powers of delegation shall not be restrictively construed but the widest interpretation shall be given thereto; (b) the word "board" in the context of the exercise of any power contained in these Articles includes any committee consisting of one or more directors, any director holding executive office and any local or divisional board, manager or agent of the Company to which or, as the case may be, to whom the power in question has been delegated; (c) no power of delegation shall be limited by the existence or, except where expressly provided by the terms of delegation, the exercise of that or any other power of delegation; and (d) except where expressly provided by the terms of delegation, the delegation of a power shall not exclude the concurrent exercise of that power by any other body or person who is for the time being authorised to exercise it under these Articles or under another delegation of the power.

SHARE CAPITAL

Subject to the provisions of the Companies Acts and without Shares with prejudice to any rights attached to any existing shares or class of shares, any share may be issued with such rights or restrictions as the Company may by ordinary resolution determine or, subject to and in default of such determination, as the board shall determine.

special rights

Subject to the provisions of the Companies Acts relating to authority, Allotment pre-emption rights or otherwise and of any resolution of the Company in general meeting passed pursuant thereto, and, in the case of redeemable shares, the provisions of Article 5, all unissued shares for the time being in the capital of the Company shall be at the disposal of the board, and the board may (subject as aforesaid) allot (with or without conferring a right of renunciation), grant options over, or otherwise dispose of them to such persons, on such terms and conditions, and at such times as it thinks fit.

Subject to the provisions of the Companies Acts, and without Redeemable prejudice to any rights attached to any existing shares or class of shares, shares may be issued which are to be redeemed or are to be liable to be redeemed at the option of the Company or the holder on such terms and in such manner as may be provided by these Articles.

The Company may exercise all powers of paying commissions or Commissions brokerage conferred or permitted by the Companies Acts. Subject to the

LW971030.070\3+ Page 3 provisions of the Companies Acts, any such commission or brokerage may be satisfied by the payment of cash or by the allotment of fully or partly paid shares or partly in one way and partly in the other.

Trusts not recognised

8. Except as required by law, no person shall be recognised by the Company as holding any share upon any trust and (except as otherwise provided by these Articles or by law) the Company shall not be bound by or recognise any interest in any share (or in any fractional part of a share) except an absolute right to the entirety thereof in the holder.

VARIATION OF RIGHTS

Method of varying rights

9. Subject to the provisions of the Companies Acts, if at any time the capital of the Company is divided into different classes of shares, the rights attached to any class may (unless otherwise provided by the terms of issue of the shares of that class) be varied or abrogated, whether or not the Company is being wound up, either with the consent in writing of the holders of three-quarters in nominal value of the issued shares of the class or with the sanction of an extraordinary resolution passed at a separate general meeting of the holders of the shares of the class (but not otherwise).

When rights deemed to be varied

10. For the purposes of this Article, unless otherwise expressly provided by the rights attached to any shares or class of shares, those rights shall be deemed to be varied by the reduction of the capital paid up on those shares otherwise than by a purchase or redemption by the Company of its own shares and by the allotment of other shares ranking in priority for payment of a dividend or in respect of capital or which confer on the holders voting rights more favourable than those conferred by such first mentioned shares, but shall not otherwise be deemed to be varied by the creation or issue of other shares ranking pari passu with, or subsequent to, such first mentioned shares or by the purchase or redemption by the Company of any of its own shares.

SHARE CERTIFICATES

Members' rights to certificates

11. Every member, upon becoming the holder of any shares, shall be entitled, without payment, to one certificate for all the shares of each class held by him (and, upon transferring a part of his holding of shares of any class, to a certificate for the balance of such holding) or several certificates each for one or more of his shares upon payment for every certificate after the first of such reasonable sum as the board may from time to time determine. Every certificate shall specify the number, class and distinguishing numbers (if any) of the shares to which it relates and the amount or respective amounts paid up thereon and, where the Company has adopted a seal, sealed with the seal. The Company shall not be bound to issue more than one certificate for shares held jointly by several persons and delivery of a certificate to one joint holder shall be a sufficient delivery to all of them. Shares of different classes may not be included in the same certificate.

12. If a share certificate is defaced, worn out, lost or destroyed, it may be renewed on such terms (if any) as to evidence and indemnity (with or without security) and payment of any exceptional out-of-pocket expenses reasonably incurred by the Company in investigating evidence and preparing the requisite form of indemnity as the board may determine but otherwise free of charge, and (in the case of defacement or wearing out) on delivery up of the old certificate.

Replacement certificates

LIEN

The Company shall have a first and paramount lien on every share (not being a fully paid share) for all moneys payable to the Company (whether presently or not) in respect of that share. The board may at any time (generally or in particular cases) waive any lien or declare any share to be wholly or in part exempt from the provisions of this Article. The Company's lien on a share shall extend to any amount (including dividends) payable in respect of it.

Company to have lien on

14. The Company may sell, in such manner as the board determines, any share on which the Company has a lien if a sum in respect of which the lien exists is presently payable and is not paid within fourteen clear days after notice has been given to the holder of the share or to the person entitled to it in consequence of the death or bankruptcy of the holder or otherwise by operation of law, demanding payment and stating that if the notice is not complied with the shares may be sold.

Enforcement of lien by sale

15. To give effect to any such sale the board may authorise some person to execute an instrument of transfer of the shares sold to, or in accordance with the directions of, the purchaser. The transferee shall not be bound to see to the application of the purchase money nor shall his title to the shares be affected by any irregularity in or invalidity of the proceedings in relation to the sale.

Giving effect to

16. The net proceeds of the sale, after payment of the costs, shall be Application of applied in or towards payment or satisfaction of so much of the sum in respect of which the lien exists as is presently payable, and any residue shall (upon surrender to the Company for cancellation of the certificate for the shares sold and subject to a like lien for any moneys not presently payable as existed upon the shares before the sale) be paid to the person entitled to the shares at the date of the sale.

proceeds

CALLS ON SHARES

Subject to the terms of allotment, the board may from time to time Power to make make calls upon the members in respect of any moneys unpaid on their shares (whether in respect of nominal value or premium) and each member shall (subject to receiving at least fourteen clear days' notice specifying when and

where payment is to be made) pay to the Company as required by the notice the amount called on his shares. A call may be required to be paid by instalments. A call may, before receipt by the Company of any sum due thereunder, be revoked in whole or part and the time fixed for payment of a call may be postponed in whole or part as the board may determine. A person upon whom a call is made shall remain liable for calls made upon him notwithstanding the subsequent transfer of the shares in respect whereof the call was made.

Time when call

18. A call shall be deemed to have been made at the time when the resolution of the board authorising the call was passed.

Liability of joint holders

19. The joint holders of a share shall be jointly and severally liable to pay all calls in respect thereof.

Interest payable

20. If a call or any instalment of a call remains unpaid in whole or in part after it has become due and payable the person from whom it is due and payable shall pay interest on the amount unpaid from the day it became due and payable until it is paid at the rate fixed by the terms of allotment of the share or in the notice of the call or, if no rate is fixed, such rate, not exceeding 15 per cent. per annum or, if higher, the appropriate rate (as defined by the Act), as may be determined by the board, but the board may waive payment of such interest wholly or in part.

Deemed calls

21. An amount payable in respect of a share on allotment or at any fixed date, whether in respect of nominal value or premium or as an instalment of a call, shall be deemed to be a call duly made and notified and payable on the date so fixed or in accordance with the terms of the allotment, and if it is not paid the provisions of these Articles shall apply as if that amount had become due and payable by virtue of a call duly made and notified.

Differentiation on calls

22. Subject to the terms of allotment, the board may make arrangements on the issue of shares for a difference between the allottees and/or holders in the amounts and times of payment of calls on their shares.

Payment of calls in advance

23. The board may, if it thinks fit, receive from any member willing to advance the same all or any part of the moneys uncalled and unpaid upon any shares held by him and such payment in advance of calls shall extinguish pro tanto the liability upon the shares in respect of which it is made, and may pay upon all or any of the moneys so advanced (until the same would but for such advance become presently payable) interest at such rate not exceeding (unless the Company by ordinary resolution may otherwise direct) 15 per cent. per annum or, if higher, the appropriate rate (as defined in the Act) as may be agreed upon between the board and such member.

FORFEITURE AND SURRENDER

If a call or any instalment of a call remains unpaid in whole or in part Notice requiring 24. after it has become due and payable, the board may give to the person from whom it is due not less than fourteen clear days' notice in writing requiring payment of the amount unpaid together with any interest which may have accrued and any costs, charges and expenses incurred by the Company by reason of such non-payment. The notice shall name the place where payment is to be made and shall state that if the notice is not complied with the shares in respect of which the call was made will be liable to be forfeited.

payment of call

If any such notice is not complied with, any share in respect of which Forfeiture for it was given may, at any time before the payment required by the notice has been made, be forfeited by a resolution of the board and the forfeiture shall include all dividends or other moneys payable in respect of the forfeited shares and not paid before the forfeiture. When any share has been forfeited, notice of the forfeiture shall be served upon the person who was before the forfeiture the holder of the share, and an entry of such notice having been given and of the forfeiture with the date thereof shall forthwith be made in the register opposite the entry of the share; but no forfeiture shall be invalidated by any omission or neglect to give such notice or to make such entries.

non-compliance

26. Subject to the provisions of the Companies Acts, a forfeited share shall be deemed to belong to the Company and may be sold, re-allotted or otherwise disposed of on such terms and in such manner as the board determines, either to the person who was before the forfeiture the holder or to any other person, and at any time before sale, re-allotment or other disposal, the forfeiture may be cancelled on such terms as the board thinks fit. Where for the purposes of its disposal a forfeited share is to be transferred to any person the board may authorise some person to execute an instrument of transfer of the share to that person. The Company may receive the consideration given for the share on its disposal and may register the transferee as holder of the share.

Sale of forfeited

27. A person any of whose shares have been forfeited shall cease to be a Liability member in respect of them and shall surrender to the Company for cancellation the certificate for the shares forfeited but shall remain liable to the Company for all moneys which at the date of forfeiture were presently payable by him to the Company in respect of those shares with interest thereon at the rate at which interest was payable on those moneys before the forfeiture or, if no interest was so payable, at such rate, not exceeding 15 per cent. per annum or, if higher, the appropriate rate (as defined in the Act) as the board may determine, from the date of forfeiture until payment, but the board may waive payment wholly or in part or enforce payment without any allowance for the value of the shares at the time of forfeiture or for any consideration received on their disposal.

following

Surrender

28. The board may accept the surrender of any share which it is in a position to forfeit upon such terms and conditions as may be agreed and, subject to any such terms and conditions, a surrendered share shall be treated as if it had been forfeited.

Extinction of rights

29. The forfeiture of a share shall involve the extinction at the time of forfeiture of all interest in and all claims and demands against the Company in respect of the share and all other rights and liabilities incidental to the share as between the person whose share is forfeited and the Company, except only such of those rights and liabilities as are by these Articles expressly saved, or as are by the Companies Acts given or imposed in the case of past members.

Evidence of forfeiture

30. A statutory declaration by a director or the secretary that a share has been duly forfeited or surrendered on a specified date shall be conclusive evidence of the facts stated in it as against all persons claiming to be entitled to the share and the declaration shall (subject to the execution of an instrument of transfer if necessary) constitute a good title to the share and the person to whom the share is disposed of shall not be bound to see to the application of the purchase money, if any, nor shall his title to the share be affected by any irregularity in, or invalidity of, the proceedings in reference to the forfeiture, surrender, sale, re-allotment or disposal of the share.

TRANSFER OF SHARES

Form and execution of transfer

31. The instrument of transfer of a share may be in any usual form or in any other form which the board may approve and shall be signed by or on behalf of the transferor and, unless the share is fully paid, by or on behalf of the transferee. An instrument of transfer need not be under seal.

Restrictions on transfer

32. The board may, in its absolute discretion and without giving any reason, refuse to register the transfer of a share which is not fully paid.

Invalid transfers

- 33. The board may also refuse to register the transfer of a share unless the instrument of transfer:-
- (a) is lodged, duly stamped, at the office or at such other place as the board may appoint accompanied by the certificate for the shares to which it relates and such other evidence as the board may reasonably require to show the right of the transferor to make the transfer;
- (b) is in respect of only one class of shares; and
- (c) is in favour of not more than four transferees.

Notice of refusal to register 34. If the board refuses to register the transfer, it shall within two months after the date on which the instrument of transfer was lodged with the Company send to the transferee notice of the refusal.

The registration of transfers of shares or of transfers of any class of Suspension of 35. shares may be suspended at such times and for such periods (not exceeding thirty days in any year) as the board may determine.

No fee shall be charged for the registration of any instrument of No fee payable 36. transfer or other document relating to or affecting the title to any share.

on registration

The Company shall be entitled to retain any instrument of transfer Retention of 37. which is registered, but any instrument of transfer which the board refuses to register shall be returned to the person lodging it when notice of the refusal is given.

TRANSMISSION OF SHARES

If a member dies the survivor or survivors where he was a joint Transmission 38. holder, and his personal representatives where he was a sole holder or the only survivor of joint holders, shall be the only persons recognised by the Company as having any title to his interest; but nothing herein contained shall release the estate of a deceased member (whether a sole or joint holder) from any liability in respect of any share held by him.

A person becoming entitled to a share in consequence of the death or Elections 39. bankruptcy of a member or otherwise by operation of law may, upon such evidence being produced as the board may properly require as to his entitlement, elect either to become the holder of the share or to have some person nominated by him registered as the transferee. If he elects to become the holder he shall give notice to the Company to that effect. If he elects to have another person registered, he shall execute an instrument of transfer of the share to that person. All the provisions of these Articles relating to the transfer of shares shall apply to any such notice or instrument of transfer as if it were an instrument of transfer executed by the member and the death or bankruptcy of the member or other event giving rise to the transmission had not occurred.

transmission

- The board may at any time give notice requiring any such person to 40. elect either to be registered himself or to transfer the share and if the notice is not complied with within sixty days the board may thereafter withhold payment of all dividends or other moneys payable in respect of the share until the requirements of the notice have been complied with.
- A person becoming entitled to a share in consequence of the death or Rights of persons 41. bankruptcy of a member or otherwise by operation of law shall, upon such evidence being produced as the board may properly require as to his entitlement and subject to the requirements of Article 39, have the same rights in relation to the share as he would have had if he were the holder of the share, and may give a discharge for all dividends and other moneys payable in respect of the share, but he shall not, before being registered as the

entitled by transmission

LW971030.070\3+ Page 9 holder of the share, be entitled in respect of it to receive notice of or to attend or vote at any meeting of the Company or to receive notice of or to attend or vote at any separate meeting of the holders of any class of shares in the Company.

ALTERATION OF SHARE CAPITAL

Alterations permitted by ordinary resolution

- 42. The Company may by ordinary resolution:
- (a) increase its share capital by such sum to be divided into shares of such amount as the resolution prescribes;
- (b) consolidate and divide all or any of its share capital into shares of larger amount than its existing shares;
- (c) subject to the provisions of the Companies Acts, sub-divide its shares, or any of them, into shares of smaller amount than is fixed by the Memorandum and the resolution may determine that, as between the shares resulting from the sub-division, any of them may have any preference or advantage as compared with the others; and
- (d) cancel shares which, at the date of the passing of the resolution, have not been taken or agreed to be taken by any person and diminish the amount of its share capital by the amount of the shares so cancelled.

New shares subject to these Articles

43. All new shares shall be subject to the provisions of these Articles with reference to payment of calls, lien, forfeiture, transfer, transmission and otherwise, and, unless otherwise provided by these Articles, by the resolution creating the new shares or by the conditions of issue, the new shares shall be unclassified shares.

Fractions arising

44. Whenever as a result of a consolidation or sub-division of shares any fractions arise, the board may settle the matter in any manner it deems fit and in particular may sell shares representing fractions to which any members would otherwise become entitled to any person (including, subject to the provisions of the Companies Acts, the Company) and distribute the net proceeds of sale in due proportion among those members, and the board may authorise some person to execute an instrument of transfer of the shares to, or in accordance with the directions of, the purchaser. The transferee shall not be bound to see to the application of the purchase moneys nor shall his title to the shares be affected by any irregularity in or invalidity of the proceedings in relation to the sale.

Power to reduce capital

45. Subject to the provisions of the Companies Acts, the Company may by special resolution reduce its share capital, any capital redemption reserve and any share premium account in any way.

PURCHASE OF OWN SHARES

Subject to and in accordance with the provisions of the Companies Power to 46. Acts and without prejudice to any relevant special rights attached to any class of shares, the Company may purchase any of its own shares of any class (including redeemable shares) and, if it is a private company, make a payment in respect of the redemption or purchase of its own shares otherwise than out of distributable profits of the company or the proceeds of a fresh issue of shares, at any price (whether at par or above or below par), and so that any shares to be so purchased may be selected in any manner whatsoever. Every contract for the purchase of, or under which the Company may become entitled or obliged to purchase, shares in the Company shall be authorised by such resolution of the Company as may be required by the Companies Acts and by an extraordinary resolution passed at a separate general meeting of the holders of each class of shares (if any) which, at the date on which the contract is authorised by the Company in general meeting, entitle them, either immediately or at any time later on, to convert all or any of the shares of that class held by them into equity share capital of the Company.

purchase own shares

GENERAL MEETINGS

All general meetings of the Company other than annual general Types of general 47. meetings shall be called extraordinary general meetings.

The board shall convene and the Company shall hold general meetings 48. as annual general meetings in accordance with the requirements of the Act.

Annual general

All provisions of these Articles relating to general meetings of the Class meetings 49. Company shall, mutatis mutandis, apply to every separate general meeting of the holders of any class of shares in the capital of the Company, except that:

- the necessary quorum shall be two persons holding or representing by (a) proxy at least one-third in nominal value of the issued shares of the class or, at any adjourned meeting of such holders, one holder present in person or by proxy, whatever the amount of his holding, who shall be deemed to constitute a meeting; and
- any holder of shares of the class present in person or by proxy may (b) demand a poll; and
- each holder of shares of the class shall, on a poll, have one vote in (c) respect of every share of the class held by him.

50. Subject to the provisions of Article 48, the board may call general Convening meetings whenever and at such times and places as it shall determine and, on the requisition of members pursuant to the provisions of the Companies Acts, shall forthwith proceed to convene an extraordinary general meeting in accordance with the requirements of the Companies Acts. If there are not

general meetings

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within the United Kingdom sufficient directors to call a general meeting, any director or any member of the Company may call a general meeting.

NOTICE OF GENERAL MEETINGS

Period of notice

- 51. An annual general meeting and an extraordinary general meeting called for the passing of a special resolution, elective resolution or a resolution appointing a person as a director shall be called by at least twenty-one clear days' notice. All other extraordinary general meetings shall be called by at least fourteen clear days' notice but a general meeting may be called by shorter notice if it is so agreed:
- (a) in the case of an annual general meeting, by all the members entitled to attend and vote thereat; and
- (b) in the case of any other meeting by a majority in number of the members having a right to attend and vote being a majority together holding not less than ninety-five per cent. in nominal value of the shares giving that right.

Provision of notice

52. Subject to the provisions of these Articles and to any restrictions imposed on any shares, the notice shall be given to all the members, to all persons entitled to a share in consequence of the death or bankruptcy of a member, to each of the directors, to the auditors for the time being of the Company and if required under the Companies Acts, the former auditors of the Company.

Contents of

- 53. The notice shall specify the time and place of the meeting and, in the case of special business, the general nature of such business. All business shall be deemed special that is transacted at an extraordinary general meeting and also all business that is transacted at an annual general meeting with the exception of:-
- (a) the declaration of dividends;
- (b) the consideration and adoption of the accounts and balance sheet and the reports of the directors and auditors and other documents required to be annexed to the accounts;
- (c) the appointment and re-appointment of directors;
- (d) the appointment of auditors where special notice of the resolution for such appointment is not required by the Companies Acts; and
- (e) the fixing of, or the determining of the method of fixing, the remuneration of the directors and/or auditors.

The notice shall, in the case of an annual general meeting, specify the meeting as such, and, in the case of a meeting to pass a special, extraordinary or elective resolution, specify the intention to propose the resolution as a special, extraordinary, or elective resolution, as the case may be and shall set out the entire resolution.

The notice shall state with reasonable prominence that a member entitled to attend and vote at the meeting being called is entitled to appoint one or more proxies to attend and vote instead of him, and that a proxy need not also be a member.

The accidental omission to give notice of a meeting to any person Accidental 54. entitled to receive the same, or the non-receipt of a notice of meeting by any such person, shall not invalidate the proceedings at that meeting.

omission to give notice

PROCEEDINGS AT GENERAL MEETINGS

No business shall be transacted at any general meeting unless a quorum 55. is present, but the absence of a quorum shall not preclude the choice or appointment of a chairman, which shall not be treated as part of the business of the meeting. Save as otherwise provided by these Articles, one person, if and for so long as the Company has only one member, and two persons, if and for so long as the Company has two or more members, entitled to vote upon the business to be transacted, each being a member or a proxy for a member or a duly authorised representative of a corporation, shall be a quorum.

present

If such a quorum is not present within fifteen minutes (or such longer If quorum not 56. time not exceeding thirty minutes as the chairman of the meeting may decide to wait) from the time appointed for the meeting, or if during a meeting such a quorum ceases to be present, the meeting, if convened on the requisition of members, shall be dissolved, and in any other case shall stand adjourned to such time and place as the chairman of the meeting may determine. If at the adjourned meeting a quorum is not present within fifteen minutes after the time appointed for holding the meeting, the meeting shall be dissolved.

The chairman, if any, of the board or, in his absence, any deputy Chairman chairman of the Company or, in his absence, some other director nominated by the board, shall preside as chairman of the meeting, but if neither the chairman, deputy chairman nor such other director (if any) is present within fifteen minutes after the time appointed for holding the meeting or is not willing to act as chairman, the directors present shall elect one of their number to be chairman. If there is only one director present and willing to act, he shall be chairman. If no director is willing to act as chairman, or if no director is present within fifteen minutes after the time appointed for holding the meeting, the members present and entitled to vote shall choose one of their number to be chairman.

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Directors entitled to speak 58. A director shall, notwithstanding that he is not a member, be entitled to attend and speak at any general meeting and at any separate meeting of the holders of any class of shares in the Company.

Adjournments

59. The chairman may, with the consent of a meeting at which a quorum is present (and shall if so directed by the meeting), adjourn the meeting from time to time and from place to place, but no business shall be transacted at an adjourned meeting other than business which might properly have been transacted at the meeting had, the adjournment not taken place. When a meeting is adjourned for thirty days or more or for an indefinite period, at least seven Clear days' notice shall be given specifying the time and place of the adjourned meeting and the general nature of the business to be transacted. Otherwise it shall not be necessary to give any notice of an adjournment or of the business to be transacted at an adjourned meeting.

Amendments to resolutions

60. If an amendment shall be proposed to any resolution under consideration but shall in good faith be ruled out of order by the chairman of the meeting, the proceedings on the substantive resolution shall not be invalidated by any error in such ruling. With the consent of the chairman of the meeting, an amendment may be withdrawn by its proposer before it is voted upon. In the case of a resolution duly proposed as a special or extraordinary resolution, no amendment thereto (other than a mere clerical amendment to correct a patent error) may in any event be considered or voted upon.

Methods of voting

- 61. A resolution put to the vote of a general meeting shall be decided on a show of hands unless, before or on the declaration of the result of a vote on the show of hands or on the withdrawal of any other demand for a poll, a poll is duly demanded. Subject to the provisions of the Companies Acts, a poll may be demanded by:
- (a) the chairman of the meeting; or
- (b) at least two members present in person or by proxy having the right to vote at the meeting; or
- (c) any member or members present in person or by proxy representing not less than one-tenth of the total voting rights of all the members having the right to vote at the meeting; or
- (d) any member or members present in person or by proxy holding shares conferring a right to vote at the meeting being shares on which an aggregate sum has been paid up equal to not less than one-tenth of the total sum paid up on all the shares conferring that right,

and a demand by a person as proxy for a member shall be the same as a demand by the member.

Unless a poll is duly demanded a declaration by the chairman that a Declaration of 62. resolution has been carried or carried unanimously, or by a particular majority, or lost, or not carried by a particular majority and an entry to that effect in the minutes of the meeting shall be conclusive evidence of the fact without proof of the number or proportion of the votes recorded in favour of or against the resolution.

The demand for a poll may, before the poll is taken, be withdrawn but 63. only with the consent of the chairman and a demand so withdrawn shall not be taken to have invalidated the result of a show of hands declared before the demand was made. If the demand for a poll is withdrawn, the chairman or any other member entitled may demand a poll.

Withdrawal of demand for poll

A poll shall be taken as the chairman directs and he may appoint Conduct of poll 64. scrutineers (who need not be members) and fix a time and place for declaring the result of the poll. The result of the poll shall be deemed to be the resolution of the meeting at which the poll was demanded.

In the case of an equality of votes, whether on a show of hands or on a 65. poll, the chairman shall be entitled to a casting vote in addition to any other vote he may have.

Chairman's casting vote

A poll demanded on the election of a chairman or on a question of When poll to be adjournment shall be taken forthwith. A poll demanded on any other question shall be taken either forthwith or at such time and place as the chairman directs not being more than thirty days after the poll is demanded. The demand for a poll shall not prevent the continuance of a meeting for the transaction of any business other than the question on which the poll was demanded. If a poll is demanded before the declaration of the result of a show of hands and the demand is duly withdrawn, the meeting shall continue as if the demand had not been made.

No notice need be given of a poll not taken forthwith if the time and Notice of poll 67. place at which it is to be taken are announced at the meeting at which it is demanded. In any other case at least seven clear days' notice shall be given specifying the time and place at which the poll is to be taken.

Where for any purpose an ordinary resolution of the Company is required, a special or extraordinary resolution shall also be effective and where for any purpose an extraordinary resolution is required a special resolution shall also be effective.

Effectiveness of special and extraordinary resolutions

Subject to the provisions of the Companies Acts, a resolution in writing executed by or on behalf of each member who would have been entitled to vote upon it if it had been proposed at a general meeting at which he was present shall be as effectual as if it had been passed at a general meeting

Resolutions in writing

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properly convened and held and may consist of several instruments in the like form each executed by or on behalf of one or more of the members.

Decisions of sole member

- 70.(a) If and for so long as the Company has only one member and that member takes any decision which is required to be taken in general meeting or by means of a written resolution, that decision shall be as valid and effectual as if agreed by the Company in general meeting save that this paragraph shall not apply to resolutions passed pursuant to Sections 303 and 391 of the Act.
- (b) Any decision taken by a sole member pursuant to paragraph (a) above shall be recorded in writing and delivered by that member to the Company for entry in the Company's minute book.

VOTES OF MEMBERS

Right to vote

71. Subject to any rights or restrictions attached to any shares, on a show of hands every member who is present in person or by proxy shall have one vote and on a poll every member present in person or by proxy shall have one vote for every share of which he is the holder.

Votes of joint holders

72. In the case of joint holders of a share the vote of the senior who tenders a vote, whether in person or by proxy, shall be accepted to the exclusion of the votes of the other joint holders and for this purpose seniority shall be determined by the order in which the names of the holders stand in the register.

Member under incapacity

73. A member in respect of whom an order has been made by any court or official having jurisdiction (whether in the United Kingdom or elsewhere) in matters concerning mental disorder may vote, whether on a show of hands or on a poll, by his receiver, curator bonis or other person authorised in that behalf appointed by that court or official, and any such receiver, curator bonis or other person may, on a poll, vote by proxy. Evidence to the satisfaction of the board of the authority of the person claiming to exercise the right to vote shall be deposited at the office, or at such other place as is specified in accordance with these Articles for the deposit of instruments of proxy, not less than 48 hours before the time appointed for holding the meeting or adjourned meeting at which the right to vote is to be exercised and in default the right to vote shall not be exercisable.

Calls in arrears

74. No member shall be entitled to vote at any general meeting or at any separate meeting of the holders of any class of shares in the Company, either in person or by proxy, in respect of any share held by him unless all moneys presently payable by him in respect of that share have been paid.

Objection to voting

75. No objection shall be raised to the qualification of any voter except at the meeting or adjourned meeting or poll at which the vote objected to is

tendered, and every vote not disallowed at such meeting shall be valid. Any objection made in due time shall be referred to the chairman whose decision shall be final and conclusive.

76. On a poll votes may be given either personally or by proxy. A Supplementary member entitled to more than one vote need not, if he votes, use all his votes or cast all the votes he uses in the same way.

provisions on voting

PROXIES AND CORPORATE REPRESENTATIVES

An instrument appointing a proxy shall be in writing under the hand Appointment of of the appointor or his attorney or, if the appointor is a corporation, either under its common seal or the hand of a duly authorised officer, attorney or other person authorised to sign it.

The instrument appointing a proxy shall be executed by or on behalf Form of proxy -78. of the appointer and shall be in the following form (or in a form as near thereto as circumstances allow or in any other form which is usual or which the directors may approve):

" PLC/Limited	l .		
I/We,, of		- 0	
the above-named company,	hereby appoint		of
, or failing him,	of		, as my/our
proxy to vote in my/ou annual/extraordinary genera 19, and at any adjo	r names[s] and I meeting of the	on my/our company to be	behalf at the
Signed on 19_	· n		

79. Where it is desired to afford members an opportunity of instructing Form of proxy the proxy how he shall act the instrument appointing a proxy shall be in the following form (or in a form as near thereto as circumstances allow or in any other form which is usual or which the directors may approve):

each way

" PLC/Limited	
I/We,, of	
the above-named company, hereby appoint	of
, or failing him, of	, as my/our
proxy to vote in my/our names[s] and annual/extraordinary general meeting of the	on my/our behalf at the company to be held on
19, and at any adjournment thereof	•
Signed on 19"	
This form is to be used in respect of the refollows:	solutions mentioned below as

Resolution No.1 *for*against

Resolution No.2 *for*against.

*Strike out whichever is not desired.

Unless otherwise instructed, the proxy may vote as he thinks fit or abstain from voting.

Signed on _____ 19__."

Voting by appointor

80. Delivery of an instrument appointing a proxy shall not preclude a member from attending and voting in person at the meeting or poll concerned. A member may appoint more than one proxy to attend on the same occasion.

Delivery of form of proxy

- 81. The instrument appointing a proxy and any power of attorney or other written authority under which it is executed or an office or notarially certified copy or a copy certified in accordance with the Powers of Attorney Act 1971 of such power or written authority shall:
- (a) be deposited at the office or at such other place within the United Kingdom as is specified in the notice convening the meeting or in any instrument of proxy sent out by the Company in relation to the meeting not less than 48 hours before the time appointed for holding the meeting or adjourned meeting at which the person named in the instrument proposes to vote; or
- (b) in the case of a poll taken more than 48 hours after it is demanded, be deposited as aforesaid after the poll has been demanded and not less than 24 hours before the time appointed for the taking of the poll; or
- (c) where the poll is not taken forthwith but is taken not more than 48 hours after it was demanded, be delivered at the meeting at which the poll was demanded to the chairman or to the secretary or to any director;

and an instrument of proxy which is not deposited or delivered in a manner so permitted shall be invalid. No instrument of proxy shall be valid after the expiration of twelve months from the date stated in it as the date of its execution. When two or more valid but differing instruments of proxy are delivered in respect of the same share for use at the same meeting, the one which was delivered last (regardless of its date or of the date of its execution) shall be treated as replacing and revoking the others as regards that share; if the Company is unable to determine which was delivered last, none of them shall be treated as valid in respect of that share.

Validity of form of proxy

82. The instrument of proxy shall, unless the contrary is stated in it, be deemed to confer authority to vote as the proxy thinks fit on any amendment of a resolution put to the meeting for which the proxy is given and on any

resolution put to the meeting, whether or not notice of such resolution was given in the notice of meeting. The instrument of proxy shall, unless the contrary is stated therein, be valid as well for any adjournment of the meeting as for the meeting to which it relates.

Any corporation or corporation sole which is a member of the Company may (in the case of a corporation, by resolution of its directors or other governing body or by authority to be given under seal or under the hand of an officer duly authorised by it) authorise such person as it thinks fit to act as its representative at any meeting of the Company or at any separate meeting of the holders of any class of shares. A person so authorised shall be entitled to exercise the same power on behalf of the grantor of the authority as the grantor could exercise if it were an individual member of the Company and the grantor shall for the purposes of these Articles be deemed to be present in person at any such meeting if a person so authorised is present at it.

Corporate representatives

A vote given or poll demanded by proxy or by the duly authorised representative of a corporation shall be valid notwithstanding the previous determination of the authority of the person voting or demanding a poll unless notice of the determination was received by the Company at the office or at such other place at which the instrument of proxy was duly deposited before the commencement of the meeting or adjourned meeting at which the vote is given or the poll demanded or (in the case of a poll taken otherwise than on the same day as the meeting or adjourned meeting) the time appointed for taking the poll.

Revocation of authority

NUMBER OF DIRECTORS

Unless otherwise determined by ordinary resolution, the number of Limits on 85. directors (other than alternate directors) shall be not less than two but shall directors not be subject to any maximum in number.

APPOINTMENT AND RETIREMENT OF DIRECTORS

86.(a) If and for so long as the Company has only one member, that member shall be entitled at any time and from time to time to appoint a person who is willing to act to be a director and to remove or replace any director so appointed.

Number of directors to retire

A director appointed under this paragraph (a) may provide to the member which appointed him any information which he receives by virtue of his being a director.

Every appointment and removal of a director under paragraph (a) of this Article 86 shall be effected by notice in writing signed by or on behalf of the member and shall take effect immediately upon receipt of such notice at

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the office or by the secretary or as and from such date (if any) thereafter as may be specified in such notice.

Additional powers of the Company

87. The Company may by ordinary resolution appoint a person who is willing to act to be a director either to fill a vacancy or as an additional director. The appointment of a person to fill a vacancy or as an additional director shall take effect from the end of the meeting.

Appointment by board

88. The board may appoint a person who is willing to act to be a director, either to fill a vacancy or as an additional director. A director so appointed shall hold office only until the next following annual general meeting. If not reappointed at such annual general meeting, he shall vacate office at the conclusion thereof.

Age limit

89. No person shall be disqualified from being appointed or reappointed a director, and no director shall be required to vacate that office, by reason only of the fact that he has attained the age of seventy years or any other age nor shall it be necessary by reason of his age to give special notice under the Companies Acts of any resolution. Where the board convenes any general meeting of the Company at which (to the knowledge of the board) a director will be proposed for appointment or reappointment who at the date for which the meeting is convened will have attained the age of seventy years or more, the board shall give notice of his age in years in the notice convening the meeting or in any document accompanying the notice, but the accidental omission to do so shall not invalidate any proceedings, or any appointment or reappointment of that director, at that meeting.

No share qualification

- 90. A director shall not be required to hold any shares of the Company by way of qualification.
- 91. In any case where, as a result of the death of a sole member of the Company, the Company has no members and no directors, the personal representatives of such deceased member shall have the right by notice in writing to appoint a person to be a director of the Company and such appointment shall be as effective as if made by the Company in general meeting pursuant to Article 87.

ALTERNATE DIRECTORS

Power to appoint alternates

92. Any director (other than an alternate director) may appoint any other director, or any other person approved by resolution of the board and willing to act, to be an alternate director and may remove from office an alternate director so appointed by him.

Alternates entitled to receive notice

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93. An alternate director shall be entitled to receive notice of all meetings of the board and of all meetings of committees of the board of which his appointor is a member, to attend and vote at any such meeting at which his

appointor is not personally present, and generally to perform all the functions of his appointor (except as regards power to appoint an alternate) as a director in his absence.

A director or any other person may act as alternate director to 94. represent more than one director, and an alternate director shall be entitled at meetings of the board or any committee of the board to one vote for every director whom he represents (and who is not present) in addition to his own vote (if any) as a director, but he shall count as only one for the purpose of determining whether a quorum is present.

Alternates representing more than one director

An alternate director may be repaid by the Company such expenses as Expenses and might properly have been repaid to him if he had been a director but shall not in respect of his services as an alternate director be entitled to receive any remuneration from the Company. An alternate director shall be entitled to be indemnified by the Company to the same extent as if he were a director.

remuneration of

An alternate director shall cease to be an alternate director: 96.

Termination of appointment

- (a) if his appointor ceases to be a director;
- on the happening of any event which, if he were a director, would (b) cause him to vacate his office as director; or
- if he resigns his office by notice to the Company. (c)
- Any appointment or removal of an alternate director shall be by notice Method of 97. to the Company signed by the director making or revoking the appointment and shall take effect in accordance with the terms of the notice (subject to any approval required by Article 92) upon receipt of such notice at the office.

appointment and revocation

Save as otherwise expressly provided in these Articles, an alternate Alternate not an 98. director shall be deemed for all purposes to be a director and, accordingly, except where the context otherwise requires, references to a director shall be deemed to include a reference to an alternate director. An alternate director shall alone be responsible for his own acts and defaults and he shall not be deemed to be the agent of the director appointing him.

agent of

POWERS OF THE BOARD

Subject to the provisions of the Companies Acts, the Memorandum Business to be and these Articles and to any directions given by special resolution, the business of the Company shall be managed by the board which may pay all expenses incurred in forming and registering the Company and may exercise all the powers of the Company. No alteration of the Memorandum or Articles and no such direction shall invalidate any prior act of the board which would have been valid if that alteration had not been made or that direction had not been given. The powers given by this Article shall not be

managed by board

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limited by any special power given to the board by these Articles and a meeting of the board at which a quorum is present may exercise all powers exercisable by the board.

DELEGATION OF POWERS OF THE BOARD

Committees of the board

The board may delegate any of its powers to any committee consisting 100. of one or more directors. The board may also delegate to any director holding any executive office such of its powers as the board considers desirable to be exercised by him. Any such delegation shall, in the absence of express provision to the contrary in the terms of delegation, be deemed to include authority to sub-delegate to one or more directors (whether or not acting as a committee) or to any employee or agent of the Company all or any of the powers delegated and may be made subject to such conditions as the board may specify, and may be revoked or altered. The board may coopt on to any such committee persons other than directors, who may enjoy voting rights in the committee. The co-opted members shall be less than one-half of the total membership of the committee and a resolution of any committee shall be effective only if a majority of the members present are directors. Subject to any conditions imposed by the board, the proceedings of a committee with two or more members shall be governed by these Articles regulating the proceedings of directors so far as they are capable of applying.

Agents

101. The board may, by power of attorney or otherwise, appoint any person or persons to be the agent or agents of the Company for such purposes, with such powers, authorities and discretions (not exceeding those vested in the board) and on such conditions as the board determines, including authority for the agent or agents to delegate all or any of his or their powers, authorities and discretions, and may revoke or vary such delegation.

Offices including the title "director"

102. The board may appoint any person to any office or employment having a designation or title including the word "director" or attach to any existing office or employment with the Company such a designation or title and may terminate any such appointment or the use of any such designation or title. The inclusion of the word "director" in the designation or title of any such office or employment shall not imply that the holder is a director of the Company, nor shall the holder thereby be empowered in any respect to act as, or be deemed to be, a director of the Company for any of the purposes of these Articles.

DISQUALIFICATION AND REMOVAL OF DIRECTORS

Disqualification

103. The office of a director shall be vacated if:

- (a) he ceases to be a director by virtue of any provisions of the Companies Acts or these Articles or he becomes prohibited by law from being a director; or
- (b) he becomes bankrupt or makes any arrangement or composition with his creditors generally or shall apply to the court for an interim order under section 253 of the Insolvency Act 1986 in connection with a voluntary arrangement under that Act; or
- (c) he is, or may be, suffering from mental disorder and either:
 - (i) he is admitted to hospital in pursuance of an application for admission for treatment under the Mental Health Act 1983 or, in Scotland, an application for admission under the Mental Health (Scotland) Act 1960; or
 - (ii) an order is made by a court having jurisdiction (whether in the United Kingdom or elsewhere) in matters concerning mental disorder for his detention or for the appointment of a receiver, curator bonis or other person to exercise powers with respect to his property or affairs; or
- (d) (not being a director holding office as such for a fixed term) he resigns his office by notice to the Company; or
- (e) he shall for more than six consecutive months have been absent without permission of the board from meetings of the board held during that period and his alternate director (if any) shall not during such period have attended in his stead and the board resolves that his office be vacated; or
- (f) he is removed from office by notice given under Article 86(a).

104. The Company may, in accordance with and subject to the provisions of the Companies Acts, by ordinary resolution of which special notice has been given remove any director from office (notwithstanding any provision of these Articles or of any agreement between the Company and such director, but without prejudice to any claim he may have for damages for breach of any such agreement) and, by ordinary resolution, appoint another person in place of a director so removed from office and any person so appointed shall be treated for the purpose of determining the time at which he or any other director is to retire by rotation as if he had become a director on the day on which the director in whose place he is appointed was last elected a director. In default of such appointment the vacancy arising upon the removal of a director from office may be filled as a casual vacancy.

Power of Company to remove director

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REMUNERATION OF NON-EXECUTIVE DIRECTORS

Ordinary remuneration

105. The directors shall be entitled to such remuneration, if any, as the Company may from time to time by ordinary resolution determine.

DIRECTORS' EXPENSES

Directors may be paid expenses

106. The directors may be paid all travelling, hotel, and other expenses properly incurred by them in connection with their attendance at meetings of the board or committees of the board or general meetings or separate meetings of the holders of any class of shares or of debentures of the Company or otherwise in connection with the discharge of their duties.

EXECUTIVE DIRECTORS

Appointment to executive office

107. Subject to the provisions of the Companies Acts, the board may appoint one or more of its body to be the holder of any executive office (except that of auditor) under the Company and may enter into an agreement or arrangement with any director for his employment by the Company or for the provision by him of any services outside the scope of the ordinary duties of a director. Any such appointment, agreement or arrangement may be made upon such terms, including terms as to remuneration, as the board determines, and any remuneration which is so determined may be in addition to or in lieu of any ordinary remuneration as a director. The board may revoke or vary any such appointment but without prejudice to any rights or claims which the person whose appointment is revoked or varied may have against the Company by reason thereof.

Termination of appointment to executive office 108. Any appointment of a director to an executive office shall terminate if he ceases to be a director but without prejudice to any rights or claims which he may have against the Company by reason of such cesser. A director appointed to an executive office shall not ipso facto cease to be a director if his appointment to such executive office terminates.

Emoluments to be determined by the board 109. The emoluments of any director holding executive office for his services as such shall be determined by the board, and may be of any description, and (without limiting the generality of the foregoing) may include admission to or continuance of membership of any scheme (including any share acquisition scheme) or fund instituted or established or financed or contributed to by the Company for the provision of pensions, life assurance or other benefits for employees or their dependants, or the payment of a pension or other benefits to him or his dependants on or after retirement or death, apart from membership of any such scheme or fund.

DIRECTORS' INTERESTS

Subject to the provisions of the Companies Acts, and provided that he Directors may has disclosed to the board the nature and extent of any material interest of his, contract with the Company a director notwithstanding his office:

- may be a party to, or otherwise interested in, any transaction or (a) arrangement with the Company or in which the Company is otherwise interested;
- may act by himself or his firm in a professional capacity for the (b) Company (otherwise than as auditor) and he or his firm shall be entitled to remuneration for professional services as if he were not a director;
- may be a director or other officer of, or employed by, or a party to (c) any transaction or arrangement with, or otherwise interested in, any body corporate promoted by the Company or in which the Company is otherwise interested; and
- shall not, by reason of his office, be accountable to the Company for (d) any benefit which he derives from any such office or employment or from any such transaction or arrangement or from any interest in any such body corporate and no such transaction or arrangement shall be liable to be avoided on the ground of any such interest or benefit.
- 111. For the purposes of Article 110:

Notification of

- a general notice given to the board that a director is to be regarded as (a) having an interest of the nature and extent specified in the notice in any transaction or arrangement in which a specified person or class of persons is interested shall be deemed to be a disclosure that the director has an interest in any such transaction of the nature and extent so specified; and
- an interest of which a director has no knowledge and of which it is (b) unreasonable to expect him to have knowledge shall not be treated as an interest of his.
- The board may exercise the voting power conferred by the shares in Exercise by 112. any body corporate held or owned by the Company in such manner in all respects as it thinks fit (including the exercise thereof in favour of any resolution appointing its members or any of them directors of such body corporate, or voting or providing for the payment of remuneration to the directors of such body corporate).

Company of voting rights

GRATUITIES, PENSIONS AND INSURANCE

Gratuities and pensions

113. The board may (by establishment of or maintenance of schemes or otherwise) provide benefits, whether by the payment of gratuities or pensions or by insurance or otherwise, for any past or present director or employee of the Company or any of its subsidiaries or any body corporate associated with, or any business acquired by, any of them, and for any member of his family (including a spouse and a former spouse) or any person who is or was dependent on him, and may (as well before as after he ceases to hold such office or employment) contribute to any fund and pay premiums for the purchase or provision of any such benefit.

Insurance

Without prejudice to the provisions of Article 157, the board shall 114. have the power to purchase and maintain insurance for or for the benefit of any persons who are or were at any time directors, officers, or employees or auditors of the Company, or of any other company which is its holding company or in which the Company or such holding company has any interest whether direct or indirect or which is in any way allied to or associated with the Company, or of any subsidiary undertaking of the Company or any such other company, or who are or were at any time trustees of any pension fund or employee share scheme in which employees of the Company or any such other company or subsidiary undertaking are interested, including (without prejudice to the generality of the foregoing) insurance against any liability incurred by such persons in respect of any act or omission in the actual or purported execution or discharge of their duties or in the exercise or purported exercise of their powers or otherwise in relation to their duties, powers or offices in relation to the Company or any such other company, subsidiary undertaking, pension fund or employee share scheme.

Directors not liable to account

- 115. No director or former director shall be accountable to the Company or the members for any benefit provided pursuant to this Article and the receipt of any such benefit shall not disqualify any person from being or becoming a director of the Company.
- 116. Pursuant to Section 719 of the Act, the directors are hereby authorised to make such provision as may seem appropriate for the benefit of any persons employed or formerly employed by the Company or any of its subsidiaries in connection with the cessation or the transfer of the whole or part of the undertaking of the Company or any subsidiary. Any such provision shall be made by a resolution of the directors in accordance with the said section.

PROCEEDINGS OF DIRECTORS

Convening meetings

117. Subject to the provisions of these Articles, the board may regulate its proceedings as it thinks fit. A director may, and the secretary at the request of a director shall, call a meeting of the board. Notice of a board meeting

shall be deemed to be properly given to a director if it is given to him personally or by word of mouth or sent in writing to him at his last known address or any other address given by him to the Company for this purpose. Questions arising at a meeting shall be decided by a majority of votes. In the case of an equality of votes, the chairman shall have a second or casting vote. Any director may waive notice of a meeting and any such waiver may be retrospective.

The quorum for the transaction of the business of the board may be Quorum 118. fixed by the board and unless so fixed at any other number shall be two. A person who holds office only as an alternate director shall, if his appointor is not present, be counted in the quorum. Any director who ceases to be a director at a board meeting may continue to be present and to act as a director and be counted in the quorum until the termination of the board meeting if no director objects.

The continuing directors or a sole continuing director may act notwithstanding any vacancies in their number, but, if the number of directors is less than the number fixed as the quorum, the continuing directors or director may act only for the purpose of filling vacancies or of calling a general meeting.

Powers of directors if number falls below minimum

The board may appoint one of their number to be the chairman, and one of their number to be the deputy chairman, of the board and may at any time remove either of them from such office. Unless he is unwilling to do so, the director appointed as chairman, or in his stead the director appointed as deputy chairman, shall preside at every meeting of the board at which he is present. If there is no director holding either of those offices, or if neither the chairman nor the deputy chairman is willing to preside or neither of them is present within five minutes after the time appointed for the meeting, the directors present may appoint one of their number to be chairman of the meeting.

Chairman and deputy chairman

All acts done by a meeting of the board, or of a committee of the board, or by a person acting as a director or alternate director, shall, notwithstanding that it be afterwards discovered that there was a defect in the appointment of any director or any member of the committee or alternate director or that any of them were disqualified from holding office, or had vacated office, or were not entitled to vote, be as valid as if every such person had been duly appointed and was qualified and had continued to be a director or, as the case may be, an alternate director and had been entitled to vote.

Validity of acts of the board

A resolution in writing signed by all the directors entitled to receive Resolutions in notice of a meeting of the board or of a committee of the board (not being less than the number of directors required to form a quorum of the board) shall be as valid and effectual as if it had been passed at a meeting of the board

writing

LW971030.070\3+ Page 27 or (as the case may be) a committee of the board duly convened and held and for this purpose:

- (a) a resolution may consist of several documents to the same effect each signed by one or more directors;
- (b) a resolution signed by an alternate director on behalf of his appointor need not also be signed by his appointor; and
- (c) a resolution signed by a director who has appointed an alternate director need not also be signed by the alternate director in that capacity.

Meetings by telephone, etc.

123. Without prejudice to the first sentence of Article 117, a meeting of the board or of a committee of the board may consist of a conference between directors who are not all in one place, but of whom each is able (directly or by telephonic communication) to speak to each of the others, and to be heard by each of the others simultaneously. A director taking part in such a conference shall be deemed to be present in person at the meeting and shall be entitled to vote or be counted in a quorum accordingly. Such a meeting shall be deemed to take place where the largest group of those participating in the conference is assembled, or, if there is no such group, where the chairman of the meeting then is. The word *meeting* in these Articles shall be construed accordingly.

Directors' power to vote on contracts in which they are interested

- 124. Save as otherwise provided by these Articles, a director shall not vote at a meeting of the board or a committee of the board on any resolution of the board concerning a matter in which he has an interest (other than by virtue of his interests in shares or debentures or other securities of or otherwise in or through the Company) which is material unless his interest arises only because the case falls within one or more of the following paragraphs:
- (a) the resolution relates to the giving to him of a guarantee, security or indemnity in respect of money lent by him to, or an obligation incurred by him at the request of or for the benefit of, the Company or any of its subsidiaries;
- (b) the resolution relates to the giving to a third party of a guarantee, security or indemnity in respect of an obligation of the Company or any of its subsidiaries for which the director has assumed responsibility (in whole or part and whether alone or jointly with others) under a guarantee or indemnity or by the giving of security;
- (c) the resolution relates in any way to a retirement benefits scheme which has been approved, or is conditional upon approval, by the Board of Inland Revenue for taxation purposes;

any proposal concerning any insurance which the Company is (d) empowered to purchase or maintain for or for the benefit of any directors of the Company or for persons who include directors of the Company provided that for the purposes of this paragraph insurance shall mean only insurance against liability incurred by a director in respect of any such act or omission by him as is referred to in Article 114 or any other insurance which the Company is empowered to purchase or maintain for or for the benefit of any groups of persons consisting of or including directors of the Company.

For the purpose of determining whether a proposal concerns a body corporate in which a director is interested, there shall be disregarded any shares held by a director as bare or custodian trustee and in which he has no beneficial interest, any shares comprised in a trust in which the director's interest is in reversion or remainder if and so long as some other person is entitled to receive the income thereof, and any shares comprised in an authorised unit trust in which the director is only interested as a unit holder. For the purposes of this Article, an interest of a person who is, for any purpose of the Companies Acts (excluding any statutory modification thereof not in force when this Article becomes binding on the Company), connected with a director shall be treated as an interest of the director and, in relation to an alternate director, an interest of his appointor shall be treated as an interest of the alternate director without prejudice to any interest which the alternate director has otherwise.

A director shall not be counted in the quorum present at a meeting in relation to a resolution on which he is not entitled to vote.

Exclusion of director from quorum

The Company may by ordinary resolution suspend or relax to any Amendment of extent, either generally or in respect of any particular matter, any provision of these Articles prohibiting a director from voting at a meeting of the board or of a committee of the board, or ratify any transaction not duly authorised by reason of a contravention of any such provision.

restrictions on voting

Where proposals are under consideration concerning the appointment Division of (including fixing or varying the terms of appointment) of two or more directors to offices or employments with the Company or any body corporate in which the Company is interested, the proposals may be divided and considered in relation to each director separately and in such cases each of the directors concerned shall be entitled to vote and be counted in the quorum in respect of each resolution except that concerning his own appointment.

proposals

If a question arises at a meeting of the board or of a committee of the Decision of board as to the entitlement of a director to vote or be counted in a quorum, the question may, before the conclusion of the meeting, be referred to the chairman of the meeting and his ruling in relation to any director other than himself shall be final and conclusive except in a case where the nature or

chairman final and conclusive

LW971030.070\3+ Page 29 extent of the interests of the director concerned have not been fairly disclosed. If any such question arises in respect of the chairman of the meeting, it shall be decided by resolution of the board (on which the chairman shall not vote) and such resolution will be final and conclusive except in a case where the nature and extent of the interests of the chairman have not been fairly disclosed.

SECRETARY

Appointment and removal of secretary

129. Subject to the provisions of the Companies Acts, the secretary shall be appointed by the board for such term, at such remuneration and upon such conditions as it may think fit; and any secretary so appointed may be removed by the board, but without prejudice to any claim for damages for breach of any contract of service between him and the Company.

MINUTES

Minutes required to be kept

- 130. The board shall cause minutes to be made in books kept for the purpose:
- (a) of all appointments of officers made by the board; and
- (b) of all proceedings at meetings of the Company, of the holders of any class of shares in the Company, of the board, and of committees of the board, including the names of the directors present at each such meeting.

Any such minutes, if purporting to be signed by the chairman of the meeting to which they relate or of the meeting at which they are read, shall be sufficient evidence without any further proof of the facts therein stated.

THE SEAL

Authority required for use of seal

131. The seal shall only be used by the authority of a resolution of the board or of a committee of the board. The board may determine who shall sign any instrument to which the seal is affixed and unless otherwise so determined it shall be signed by at least one director and the secretary or by at least two directors.

Official seal for use abroad

132. The company may exercise the powers conferred by section 39 of the Act with regard to having an official seal for use abroad.

Execution of instrument as a deed under hand

133. Where the Act so permits, any instrument signed, with the authority of a resolution of the board or of a committee of the board, by one director and the secretary or by two directors and expressed to be executed by the Company as a deed shall have the same effect as if executed under the seal, provided that no instrument which makes it clear on its face that it is

intended by the persons making it to have effect as a deed shall be signed without the authority of the board.

A document which is executed by the Company as a deed shall not be Delivery of deeds deemed to be delivered by the Company solely as a result of its having been executed by the Company.

CERTIFICATION

Any director or the secretary or any person appointed by the board for Certified copies the purpose shall have power to authenticate any documents affecting the constitution of the Company and any resolutions passed by the Company or the holders of any class of shares of the Company or the board or any committee of the board, and any books, records, documents and accounts relating to the business of the Company, and to certify copies thereof or extracts therefrom as true copies or extracts. A document purporting to be a copy of a resolution, or the minutes of or an extract from the minutes of a meeting of the Company or the holders of any class of shares of the Company or of the board or any committee of the board that is certified as aforesaid shall be conclusive evidence in favour of all persons dealing with the Company upon the faith thereof that such resolution has been duly passed or, as the case may be, that such minutes or extract is a true and accurate record of proceedings at a duly constituted meeting.

DIVIDENDS

Subject to the provisions of the Companies Acts, the Company may Declaration of by ordinary resolution declare dividends in accordance with the respective rights of the members, but no dividend shall exceed the amount recommended by the board.

Subject to the provisions of the Companies Acts, the board may declare and pay interim dividends if it appears to the board that they are justified by the profits of the Company available for distribution. If the share capital is divided into different classes, the board may declare and pay interim dividends on shares which confer deferred or non-preferred rights with regard to dividend as well as on shares which confer preferential rights with regard to dividend, but no interim dividend shall be declared or paid on shares carrying deferred or non-preferred rights if, at the time of declaration or payment, any preferential dividend is in arrear. The board may also declare and pay at intervals settled by it any dividend payable at a fixed rate if it appears to the board that the profits available for distribution justify the payment. Provided the board acts in good faith it shall not incur any liability to the holders of shares conferring preferred rights for any loss they may suffer by the declaration or lawful payment of an interim dividend on any shares having deferred or non-preferred rights.

Interim dividends

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Apportionment of dividends

138. Except as otherwise provided by the rights attached to shares, all dividends shall be declared and paid according to the amounts paid up on the shares on which the dividend is paid; but no amount paid on a share in advance of the date on which a call is payable shall be treated for the purposes of this Article as paid on the share. All dividends shall be apportioned and paid proportionately to the amounts paid up on the shares during any portion or portions of the period in respect of which the dividend is paid; but, if any share is issued on terms providing that it shall rank for dividend as from a particular date, that share shall rank for dividend accordingly.

Dividends in specie

139. A general meeting declaring a dividend may, upon the recommendation of the board, by ordinary resolution direct that it shall be satisfied wholly or partly by the distribution of assets, and in particular of paid up shares or debentures of any other body corporate, and, where any difficulty arises in regard to the distribution, the board may settle the same as it thinks fit and in particular may issue fractional certificates or authorise any person to sell and transfer any fractions or disregard fractions altogether, and may fix the value for distribution of any assets and may determine that cash shall be paid to any member upon the footing of the value so fixed in order to adjust the rights of members and may vest any assets in trustees.

Permitted deductions

140. The board may deduct from any dividend or other moneys payable to any member in respect of a share any moneys presently payable by him to the Company in respect of that share.

Procedure for payment

Any dividend or other moneys payable in respect of a share may be paid by cheque or warrant sent by post to the registered address of the holder or person entitled or, if two or more persons are the holders of the share or are jointly entitled to it by reason of the death or bankruptcy of the holder or otherwise by operation of law, to the registered address of that one of those persons who is first named in the register or to such person and to such address as the person or persons entitled may in writing direct. Every such cheque or warrant shall be made payable to the order of the person or persons entitled or to such other person as the person or persons entitled may in writing direct and shall be sent at the risk of the person entitled, and payment of the cheque shall be a good discharge to the Company. Any joint holder or other person jointly entitled to a share as aforesaid may give receipts for any dividend or other moneys payable in respect of the share. Any such dividend or other money may also be paid by any other method (including direct debit, bank transfer and dividend warrant) which the board considers appropriate.

Interest not payable

142. No dividend or other moneys payable in respect of a share shall bear interest against the Company unless otherwise provided by the rights attached to the share.

Any dividend which has remained unclaimed for twelve years from Forfeiture of the date when it became due for payment shall, if the board so resolves, be forfeited and cease to remain owing by the Company. The payment by the board of any unclaimed dividend or other moneys payable in respect of a share into a separate account shall not constitute the Company a trustee thereof.

unclaimed dividends

CAPITALISATION OF PROFITS AND RESERVES

The board may with the authority of an ordinary resolution of the Power to capitalise Company:

- (a) subject as hereinafter provided, resolve to capitalise any undistributed profits of the Company not required for paying any preferential dividend (whether or not they are available for distribution) or any sum standing to the credit of any reserve or other fund, including the Company's share premium account and capital redemption reserve, if any;
- (b) appropriate the sum resolved to be capitalised to the members or any class of members on the record date specified in the relevant resolution who would have been entitled to it if it were distributed by way of dividend and in the same proportions and apply such sum on their behalf either in or towards paying up the amounts, if any, for the time being unpaid on any shares held by them respectively, or in paying up in full unissued shares, debentures or other obligations of the Company of a nominal amount equal to that sum, and allot the shares, debentures or other obligations credited as fully paid to those members, or as they may direct, in those proportions, or partly in one way and partly in the other; but the share premium account, the capital redemption reserve, and any profits which are not available for distribution may, for the purposes of this Article, only be applied in paying up unissued shares to be allotted to members credited as fully paid;
- (c) make such provision by authorising the sale and transfer to any person of fractions to which any members would become entitled or may issue fractional certificates or may resolve that the distribution be made as nearly as practicable in the correct proportion but not exactly so or may ignore fractions altogether or resolve that cash payments be made to any members in order to adjust the rights of all parties or otherwise as (in each case) the board determines where shares or debentures become, or would otherwise become, distributable under this Article in fractions;
- authorise any person to enter on behalf of all the members concerned (d) into an agreement with the Company providing for either:-

- (i) the allotment to such members respectively, credited as fully paid, of any shares, debentures or other obligations to which they are entitled upon such capitalisation; or
- (ii) the payment up by the Company on behalf of such members (by the application thereto of their respective proportions of the profits resolved to be capitalised) of the amounts, or any part of the amounts, remaining unpaid on their existing shares,

and any agreement made under such authority shall be binding on all such members; and

(e) generally do all acts and things required to give effect to such resolution as aforesaid.

RECORD DATES

Record dates for dividends, etc.

145. Notwithstanding any other provision of these Articles, the Company or the board may fix any date as the record date for any dividend, distribution, allotment or issue, and such record date may be on or at any time before or after any date on which the dividend, distribution, allotment or issue is declared, paid or made.

ACCOUNTS

Rights to inspect records

146. No member shall (as such) have any right of inspecting any accounting records or other book or document of the Company except as conferred by statute or authorised by the board or by ordinary resolution of the Company or order of a court of competent jurisdiction.

Delivery of balance sheets and profit and loss accounts 147. A copy of every balance sheet and profit and loss account (including any documents required by law to be annexed thereto) which is to be laid before the Company in general meeting and of the directors' and auditors' reports shall, at least twenty-one days previously to the meeting, be delivered or sent by post to every member and to every debenture holder of the Company of whose address the Company is aware, and to every other person who is entitled to receive notice of meetings from the Company under the provisions of the Companies Acts or of these Articles or, in the case of joint holders of any share or debenture, to one of the joint holders, provided that the requirements of this Article shall be deemed satisfied in relation to any member by sending to such member, where permitted by the Companies Acts and instead of such copies, a summary financial statement derived from the Company's annual accounts and the report of the directors and prepared in the form and containing the information prescribed by the Companies Acts and any regulations made thereunder.

NOTICES

Any notice to be given to or by any person pursuant to these Articles When notice shall be in writing except that a notice calling a meeting of the board need not be in writing.

required to be in

The Company may serve or deliver any notice or other document on or to a member either personally or by facsimile transmission to the member at a number supplied by him for the purpose or by sending it by overnight carrier to the member at his registered address or by delivering it by hand to In the case of joint holders of a share, all notices or other documents shall be served on or delivered to the joint holder whose name stands first in the register in respect of the joint holding and any notice or other document so served or delivered shall be deemed for all purposes sufficient service on or delivery to all the joint holders.

Method of giving

A member present, either in person or by proxy, at any meeting of the Deemed receipt Company or of the holders of any class of shares in the Company shall be deemed to have received notice of the meeting and, where requisite, of the purposes for which it was called.

of notice

A notice or other document may be served or delivered by the Company on or to the persons entitled by transmission to a share, whether in consequence of the death or bankruptcy of a member or otherwise by sending or delivering it, in any manner authorised by these Articles for the service or delivery of a notice or other document on or to a member, addressed to them by name, or by the title of representatives of the deceased, or trustee of the bankrupt or by any like description at the address, if any, supplied for that purpose by the persons claiming to be so entitled. Until such an address has been supplied, a notice or other document may be served or delivered in any manner in which it might have been served or delivered if the death or bankruptcy or other event giving rise to the transmission had not occurred.

persons entitled by transmission

A notice may be given by the Company to the persons entitled to a share in consequence of the death or bankruptcy of a member by sending or delivering it, in any manner authorised by these Articles for the giving of notice to a member, addressed to them by name, or by the title of representatives of the deceased, or trustee of the bankrupt or by any like description at the address, if any, supplied for that purpose by the persons claiming to be so entitled. Until such an address has been supplied, a notice may be given in any manner in which it might have been given if the death or bankruptcy had not occurred.

Notice to person s entitled by deat h or bankruptcy

Every person who becomes entitled to a share shall be bound by any notice in respect of that share which, before his name is entered in the register, has been duly given to a person from whom he derives his title.

Transferees etc. bound by prior

When notices deemed served

- 154. A notice shall be deemed given:
- (a) in the case of a notice delivered to a member personally, at the time of such delivery;
- (b) in the case of a notice delivered by facsimile transmission, at the time of receipt by the Company of confirmation that such facsimile has been successfully transmitted;
- (c) in the case of a notice delivered by overnight courier, at the time of delivery thereof by the courier company concerned; or
- (d) in the case of a notice delivered to a member at his registered address, the time of such delivery.

WINDING UP

Liquidator may distribute in specie

155. If the Company is wound up, the liquidator may, with the sanction of an extraordinary resolution of the Company and any other sanction required by the Insolvency Act 1986, divide among the members in specie the whole or any part of the assets of the Company and may, for that purpose, value any assets and determine how the division shall be carried out as between the members or different classes of members. The liquidator may, with the like sanction, vest the whole or any part of the assets in trustees upon such trusts for the benefit of the members as he with the like sanction determines, but no member shall be compelled to accept any assets upon which there is a liability.

Disposal of assets by liquidator

156. The power of sale of a liquidator shall include a power to sell wholly or partially for shares or debentures or other obligations of another body corporate, either then already constituted or about to be constituted for the purpose of carrying out the sale.

INDEMNITY

Indemnity to directors, officers, etc.

157. Subject to the provisions of the Companies Acts but without prejudice to any indemnity to which a director may otherwise be entitled, every director or other officer or auditor of the Company shall be indemnified out of the assets of the Company against all costs, charges, losses, expenses and liabilities incurred by him in the execution or discharge of his duties or the exercise of his powers or otherwise in relation thereto, including (but without limitation) any liability incurred by him in defending any proceedings, whether civil or criminal, in which judgment is given in his favour (or the proceedings are otherwise disposed of without any finding or admission of any material breach of duty on his part) or in which he is acquitted or in connection with any application in which relief is granted to him by the court from liability for negligence, default, breach of duty or breach of trust in relation to the affairs of the Company.