

FILE COPY



**CERTIFICATE OF INCORPORATION
OF A PRIVATE LIMITED COMPANY**

Company No. 3314176

The Registrar of Companies for England and Wales hereby certifies that
A & A TANK DRAIN SERVICES LTD.

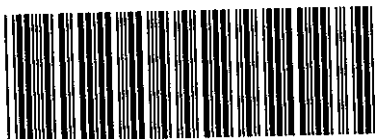
is this day incorporated under the Companies Act 1985 as a private
company and that the company is limited.

Given at Companies House, Cardiff, the 6th February 1997

R. C. Edwards

R. C. EDWARDS

For the Registrar of Companies



N03314176C



C O M P A N I E S H O U S E

HC007B



COMPANIES HOUSE

Please complete in typescript,
or in bold black capitals.

Declaration on application for registration

12

Company Name in full

A & A TANK DRAIN SERVICES LTD.



F012001J

† Please delete as appropriate.

I, Robert Stephen Kelford a duly authorised Officer of Chettleburgh
of International Limited of Temple House, 20, Holywell Row, London EC2A 4JB

do solemnly and sincerely declare that Chettleburgh International Limited is the body corporate named as Secretary of the Company in the statement delivered to the registrar under section 10(2) and that all the requirements of the above Act in respect of the registration of the above company and of matters precedent and incidental to it have been complied with, And I make this solemn declaration conscientiously believing the same to be true and by virtue of the provisions of the Statutory Declarations Act 1835.

Declarant's signature

Declared at 135 High Street Hornchurch Essex RM12 4UH

the

31st

day of

January

One thousand nine hundred and ninety

-seven

① Please print name.

before me ①

P. D. ROBINS

Signed

Date

31/1/97

A Commissioner for Oaths or Notary Public or Justice of the Peace or Solicitor

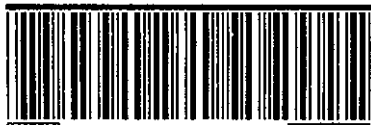
Please give the name, address, telephone number and, if available, a DX number and Exchange of the person Companies House should contact if there is any query.

CHETTLEBURGH'S LIMITED

Temple House, 20, Holywell Row, London, EC2A 4JB

Tel **0171-377 0381**

DX number **119511** DX exchange **FINSBURY SQUARE**



KLO *K86MWST1* 1170
COMPANIES HOUSE 31/01/97

When you have completed and signed the form please send it to the Registrar of Companies at:

Companies House, Crown Way, Cardiff, CF4 3UZ DX 33050 Cardiff
for companies registered in England and Wales

or
Companies House, 37 Castle Terrace, Edinburgh, EH1 2EB
for companies registered in Scotland

DX 235 Edinburgh



COMPANIES HOUSE

Please complete in typescript,
or in bold black capitals.

Notes on completion appear on final page

First directors and secretary and intended situation of
registered office

Company Name in full

A & A. TANK DRAIN SERVICES LTD.



F010001H

Proposed Registered Office

(PO Box numbers only, are not acceptable)

1 PRIMROSE STREET. SOUTH.

TYLDESLEY

Post town

MANCHESTER

County / Region

Postcode

M29 8HA.

If the memorandum is delivered by an agent
for the subscriber(s) of the memorandum
mark the box opposite and give the agent's
name and address.

✓

Agent's Name

CHETTLEBURGH'S LIMITED

Address

Temple House

20, Holywell Row

Post town

London

County / Region

Postcode

EC2A 4JB

Number of continuation sheets attached

1

Please give the name, address,
telephone number and, if available,
a DX number and Exchange of
the person Companies House should
contact if there is any query.

CHETTLEBURGH'S LIMITED

Temple House 20, Holywell Row London

EC2A 4JB

Tel 0171-377 0381

DX number 119511

DX exchange FINSBURY SQUARE



KLO *K86MVST0* 1169
COMPANIES HOUSE 31/01/97

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for companies registered in England and Wales

or

Companies House, 37 Castle Terrace, Edinburgh, EH1 2EB
for companies registered in Scotland

DX 235 Edinburgh

Company Secretary (see notes 1-5)

Company name

NAME *Style / Title

*Honours etc

* Voluntary details

Forename(s)

Surname

Previous forename(s)

Previous surname(s)

Address

Usual residential address

For a corporation, give the registered or principal office address.

Post town

County / Region

Postcode

Country

I consent to act as secretary of the company named on page 1

Consent signature

Date

Directors (see notes 1-5)

Please list directors in alphabetical order

NAME *Style / Title

*Honours etc

Forename(s)

Surname

Previous forename(s)

Previous surname(s)

Address

Usual residential address

For a corporation, give the registered or principal office address.

Post town

County / Region

Postcode

Country

Day Month Year

Date of birth

Nationality

Business occupation

Other directorships

I consent to act as director of the company named on page 1

Consent signature

Date

Directors

(continued)

(see notes 1-5)

NAME *Style / Title

*Honours etc

* Voluntary details

Forename(s)

Surname

Previous forename(s)

Previous surname(s)

Address

Usual residential address

For a corporation, give the registered or principal office address.

Post town

County / Region

Postcode

Country

Day Month Year

Date of birth

Nationality

Business occupation

Other directorships

I consent to act as director of the company named on page 1

Consent signature

Date

This section must be signed by

Either

an agent on behalf of all subscribers

Signed

Date

31/1/97

Or the subscribers

(i.e. those who signed as members on the memorandum of association).

Signed

Date

Signed

Date

Signed

Date

Signed

Date

Signed

Date

Signed

Date

Notes

1. Show for an individual the full forename(s) NOT INITIALS and surname together with any previous forename(s) or surname(s).

If the director or secretary is a corporation or Scottish firm - show the corporate or firm name on the surname line.

Give previous forename(s) or surname(s) except that:

- for a married woman, the name by which she was known before marriage need not be given,

- names not used since the age of 18 or for at least 20 years need not be given.

A peer, or an individual known by a title, may state the title instead of or in addition to the forename(s) and surname and need not give the name by which that person was known before he or she adopted the title or succeeded to it.

Address:

Give the usual residential address.

In the case of a corporation or Scottish firm give the registered or principal office.

Subscribers:

The form must be signed personally either by the subscriber(s) or by a person or persons authorised to sign on behalf of the subscriber(s).

2. Directors known by another description:

- A director includes any person who occupies that position even if called by a different name, for example, governor, member of council.

3. Directors details:

- Show for each individual director the director's date of birth, business occupation and nationality.

The date of birth must be given for every individual director.

4. Other directorships:

- Give the name of every company of which the person concerned is a director or has been a director at any time in the past 5 years. You may exclude a company which either is or at all times during the past 5 years, when the person was a director, was:

- dormant,

- a parent company which wholly owned the company making the return,

- a wholly owned subsidiary of the company making the return, or

- another wholly owned subsidiary of the same parent company.

If there is insufficient space on the form for other directorships you may use a separate sheet of paper, which should include the company's number and the full name of the director.

5. Use Form 10 continuation sheets or photocopies of page 2 to provide details of joint secretaries or additional directors and include the company's number.

Company number

NAME *Style / Title

*Honours etc

* Voluntary details

Forename(s)

Surname

Previous forename(s)

Previous surname(s)

Address

Usual residential address

For a corporation, give the registered or principal office address.

Post town

County / Region

Country

Postcode

I consent to act as secretary of the company named on page 1

Consent signature

Date

Directors (see notes 1-5)

Please list directors in alphabetical order

NAME *Style / Title

*Honours etc

Forename(s)

Surname

Previous forename(s)

Previous surname(s)

Address

Usual residential address

For a corporation, give the registered or principal office address.

Post town

County / Region

Country

Postcode

Day Month Year

Date of birth

Nationality

Business occupation

Other directorships

I consent to act as director of the company named on page 1

Consent signature

Date

3314076



THE COMPANIES ACTS 1985 and 1989

A PRIVATE COMPANY LIMITED BY SHARES.

MEMORANDUM OF ASSOCIATION of

A & A TANK DRAIN SERVICES LTD.

804751

1. The name of the Company is:- A & A TANK DRAIN SERVICES LTD.
2. The Registered Office of the Company will be situated in England and Wales.
3. The objects for which the Company is established are :-

(a) To carry on business as contractors in relation to the cleaning and clearance of drains, pipes and sewers; to undertake as required the relining of water mains and drains and to undertake the renovation of sewers supplying operators and equipment in connection therewith; to act as maintainers and repairers of drains and sanitation plant and machinery; to buy, sell and deal in equipment used in drain maintenance work; to carry on business as drain layers and plumbing, sanitary, sewerage and sanitation engineers and contractors; to carry on business as duct work erectors and mechanical engineering contractors and to undertake and carry out mechanical engineering works of all kinds.

(b) To carry on business as precision engineers, electrical engineers, heating, ventilating, air conditioning and air purification engineers, electrical and electronic engineers, plumbing and heating engineers, mechanical handling engineers and ductwork contractors and specialists of all kinds; to carry on business as general engineers, founders, smiths, machinists, manufacturers and patentees, gauge, tool and instrument makers.

(c) To undertake the hiring, leasing, renting and letting out on hire, servicing, maintenance and repair of all or any of the products or goods manufactured by or dealt in by the Company and to enter into any contracts and other arrangements with persons having dealings with the Company on such terms and for such periods of time as the Company may from time to time determine, on a commission or fee basis or otherwise and to carry on any other trade or business whatever of a like and similar nature.

CHETTLEBURGH'S LIMITED

Temple House

20 Holywell Row

London

EC2A 4JB

Tel: 0171 377 0381

Fax: 0171 377 6648

DX: 119511 Finsbury Square

A71194/814

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COMPANIES HOUSE 31/01/97

- (d) To carry on any other business of any description whatsoever which may seem to the Company or in the opinion of the Directors thereof be advantageously carried on in connection with or ancillary to the objects of the Company or any of them and calculated directly or indirectly to render more profitable the Company's business.
- (e) To purchase or by any other means acquire, sell, lease, rent, licence, surrender, accept surrenders of, mortgage, charge or otherwise deal in any freehold, leasehold or other property wheresoever situate.
- (f) To erect, construct, pull down, dismantle, remove or replace, repair and maintain, alter, hire, enlarge and adapt any buildings both portable and otherwise and use the same for the Company's business or any of them.
- (g) To buy, sell, import, export, manufacture, exchange or part exchange, let on hire, build, construct, install, erect, enlarge, improve, adapt, dismantle, re-model, repair and maintain any engine, machinery, plant and material of any description capable of being conveniently made, used or sold in any of the businesses or trades aforesaid.
- (h) To purchase or by any other means acquire, take over and undertake all or any part of the business, property, liabilities and assets of any person, firm or company carrying on or formed to carry on any business which this Company is authorised to carry on or possessed of property suitable to the purposes of this Company and which is calculated to advance the interests of this Company and make more profitable the Company's business and to pay cash or to issue shares, stock, debentures or debenture stock of this Company as the consideration for such acquisition and to undertake any liabilities or obligations relating to the business or property so purchased or acquired.
- (i) To enter into partnership or any arrangement of any kind with any person, persons, firm or company having for its objects similar objects to those of this Company or any of them with a view to increasing the business of the Company.
- (j) To purchase, subscribe for or otherwise acquire shares, stock or other interests in any Company or Corporation.
- (k) To act as agents or brokers for any person, firm or company and to undertake and perform sub contracts for any person, persons, firms or companies and also to appoint such agents, sub-contractors and brokers and to act in any of the businesses of the Company through them.
- (l) To apply for, register, purchase or by any other means acquire and protect and prolong and renew trade marks, patents, licences, concessions and designs which may be capable of being dealt with by the Company or likely to benefit the Company and to grant licences or privileges thereout.

- (m) To sell, let, licence, develop or otherwise deal with the undertaking or all or any part of the property or assets of the Company upon such terms as the Company may approve with power to accept shares, debentures or securities of, or interests in any other Company.
- (n) Either with or without the Company receiving any consideration or advantage, direct or indirect from giving any such guarantee or indemnity and so as to be an independent object of the Company, to guarantee the performance of the obligations of others including the payment of capital or principal together with any premium of and any dividends or interest on or other payment in respect of loans, credits, stocks, shares, or securities or other obligations of any nature whatsoever and without limiting the generality of the foregoing obligations for the repayment of money and/or discharge of liabilities both present and future, actual or contingent and insofar as the same is not prohibited by law, obligations and liabilities incurred in connection with or for the purpose of the acquisition of shares in the Company or in any company which is for the time being the Company's Holding Company as defined by section 736 of the Companies Act 1985 as amended by Section 144 of the Companies Act 1989 due, owing or incurred to bankers or any other person of any company, firm or person, and in particular, (but not by way of limitation) of the Company's Holding Company or any company which is contemplated to become the Company's Holding Company or a subsidiary, as defined by Section 736 of the Companies Act 1985 as amended by Section 144 of the Companies Act 1989 of the Company or of the Company's Holding Company, or otherwise associated with the Company in business or of any company, firm or person which the directors of the Company shall think appropriate and to create mortgages, charges or liens upon all or any of the property or assets of the Company (both present and future) including its uncalled capital in support of such guarantees or otherwise as security for any such obligations and liabilities of others.
- (o) To invest and deal with the monies of the Company not immediately required in such shares or upon such securities and in such manner and on such conditions as may from time to time be determined.
- (p) To borrow and raise money upon such terms and on such security as may be considered expedient and in particular by the issue or deposit of debentures or debenture stock and to secure the repayment of any money borrowed, raised or owing by mortgage charge or lien upon the whole or any part of the undertaking, property and assets of the Company, both present and future, including its uncalled capital.
- (q) To draw, make, accept, endorse, discount, execute and issue promissory notes, bills of exchange, bills of lading, warrants, debentures and other negotiable instruments.
- (r) To lend and advance money and give credit to any persons, firms or companies on such terms and conditions as the Company may decide.

- (s) To make advances to customers and others and allow them credit without security to enable them to purchase the goods, produce or products of the Company or use its services and for any purpose calculated to enhance the Company's business.
- (t) To promote the Company's interests by advertising its products, works or services in any manner and to take part in competitions, displays and exhibitions and offer prizes, gifts and concessions to customers or prospective customers as might seem desirable.
- (u) To remunerate any person, firm or company rendering services to this Company in any manner whatsoever.
- (v) To grant pensions, allowances, gratuities and bonuses to existing or former employees and officers (including Directors or ex-Directors) of the Company or the dependants of such persons and to establish and maintain or concur in maintaining trusts, funds or schemes, (whether contributory or non-contributory) with a view to providing pensions or other funds for any such person as aforesaid or their dependants and to establish and support or to aid in the establishment and support of any schools and any educational, scientific, literary, religious or charitable institutions or trade societies, whether such institutions or societies be solely connected with the business carried on by the Company or not, and to institute and maintain any club or other establishment or profit sharing scheme calculated to advance the interests of the Company or of the persons employed by the Company.
- (w) To pay all and any expenses incurred in connection with the promotion, formation and incorporation of this Company and to promote or aid in the promotion of any other companies.
- (x) To distribute any property in specie among the members of the Company.
- (y) To do all such other things as are incidental or conducive to the attainment of the above objects or any of them.

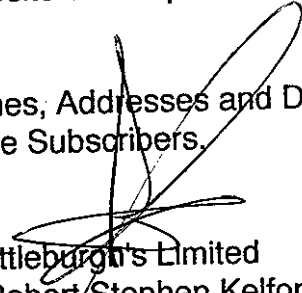
It is declared that the foregoing sub-clauses or any of them shall be construed independently of each other and none of the objects herein mentioned shall be deemed to be merely subsidiary to the objects contained in any other sub-clauses.

4. The liability of the members is limited.
5. The share capital of the Company is £1,000 divided into 1,000 shares of £1 each with power to increase or to divide the shares in the capital of the Company for the time being into different classes having such rights, privileges and restrictions as to voting or otherwise as the Articles of Association may from time to time prescribe.

We, the persons whose names and addresses are subscribed hereafter are desirous of being formed into a Company in pursuance of this Memorandum and we respectively agree to take the number of shares in the capital of the Company set opposite our respective names.

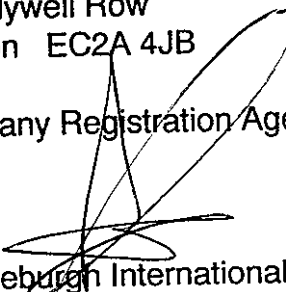
Names, Addresses and Descriptions
of the Subscribers.

Number of Shares taken
by each Subscriber.


Chettleburgh's Limited
by Robert Stephen Kelford
a duly authorised Officer
Temple House
20 Holywell Row
London EC2A 4JB

One Ordinary Share

Company Registration Agents


Chettleburgh International Limited
by Robert Stephen Kelford
a duly authorised Officer
Temple House
20 Holywell Row
London EC2A 4JB

One Ordinary Share

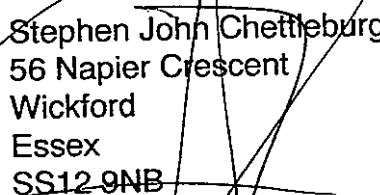
Anglo-Japanese Consultants

Total Shares Taken

Two Ordinary Shares

Dated this 2nd January, 1997

Witness to the above signatures:-


Stephen John Chettleburgh
56 Napier Crescent
Wickford
Essex
SS12 9NB

System Manager

THE COMPANIES ACTS 1985 and 1989

A PRIVATE COMPANY LIMITED BY SHARES

ARTICLES OF ASSOCIATION of

A & A TANK DRAIN SERVICES LTD.

PRELIMINARY.

1. The Company is a Private Company within the meaning of Section 1 of the Companies Act 1985. Accordingly the Company shall not offer to the public (whether for cash or otherwise) any shares in or debentures of the Company or allot or agree to allot (whether for cash or otherwise) any shares in or debentures of the Company with a view to all or any of the shares or debentures being offered for sale to the public. References in these Articles to 'the Act' are references to the Companies Acts 1985 and 1989.
2. Subject as hereinafter provided the Regulations set out in Table A of the Schedule to the Companies (Tables A to F) Regulations 1985 as amended by the Companies (Tables A to F) (Amendment) Regulations 1985 shall apply to this Company.
3. The following Regulations of the said Table 'A' shall not apply to this Company videlicet: - 24, 46, 47, 50, 64 to 69, 73, 74, 75, 76, 77, 78, the second and third sentences of Regulation 79, Regulation 81, the fifth sentence of Regulation 88 and Regulations 94 and 95.

CAPITAL.

4. The Directors of the Company shall within a period of five years from the date of incorporation of the Company be entitled to exercise the Company's power to allot, grant options over or otherwise dispose of the shares which are comprised in the authorised share capital with which the company is incorporated and no other authority for the Directors to allot, grant options over or otherwise dispose of any shares shall be valid for more than five years from the date of passing the members resolution to which it relates.
5. (a) Sections 89(I), Section 90(I) to (5) and Section 90 (6) of the Act shall not apply in relation to the issue of any equity securities by the Company but in substitution therefor the provisions of sub-paragraph (b) of this Article shall apply.

(b) Save as is provided by Articles 4 and 19 hereof or as otherwise directed by the Company in General Meeting any Shares which are not comprised in the authorised share capital with which the Company is incorporated from time to time created shall before they are issued be offered to the ordinary members in proportion as nearly as possible to the number of Ordinary Shares held by them. Any such offer shall be made by notice specifying the number and class of shares offered and limiting a time within which the offer, if not accepted, will be deemed to be declined and after the expiration of such time any Shares not accepted and any Shares which, by reason of the ratio which the shares to be issued bear to the Shares held by persons entitled to an offer thereof, cannot, in the opinion of the Directors, conveniently be offered under this Article, shall be at the disposal of the Directors, who may allot, grant options over, or otherwise dispose of the same to such persons at such times and on such terms as they think proper.

6. (a) Subject to Chapter VII of the Act, and to Regulation 12, the Company may purchase its own shares (including redeemable shares) whether out of distributable profits or the proceeds of a fresh issue of shares or otherwise.

(b) Subject to Chapter VII of the Act, any shares may, with the sanction of an Ordinary Resolution, be issued on the terms that they are, at the option of the Company or the shareholder, liable to be redeemed on such terms and in such manner as the Company before the issue of the shares may by Special Resolution determine, and whether out of distributable profits or the proceeds of a fresh issue of shares or otherwise.

7. Subject to Chapter VI of the Act, the Company may give financial assistance for the purpose of or in connection with any acquisition of shares made or to be made in the Company or its holding company.

LIEN.

8. The lien conferred by Regulation 8 of Table 'A' shall attach to all shares whether fully paid or not and to all shares registered in the name of any person indebted or under liability to the Company whether he be the sole holder thereof or one of two or more joint holders. The Company shall have a first and paramount lien on every share (not being fully paid) for all moneys (whether presently payable or not) called or payable at a fixed time in respect of that share and the Company shall also have a first and paramount lien on all shares (including fully paid shares) registered in the name of any person indebted or under liability to the Company whether he be the sole holder thereof or one of two or more joint holders for all moneys presently payable by him or his estate to the Company; but the Directors may at any time declare any shares to be wholly or in part exempt from the provisions of this Regulation. The Company's lien, if any, on a share shall extend to all dividends payable thereon.

TRANSFER OF SHARES.

9. (a) Except in the case of an original subscriber who shall be free to transfer his share without the requirement to first give a transfer notice as hereinafter provided a member desiring to transfer his Shares (not being shares issued pursuant to Article 19 hereof) otherwise than to the Company pursuant to Article 6(a) hereof shall first give notice in writing handed personally or sent by registered or recorded delivery post to their correct and last known address of such intention to the Company, the Directors and all the shareholders holding that class of shares in the Company giving particulars of the shares in question, hereinafter referred to as a Transfer Notice. The Directors as agent for the member giving such notice may dispose of such shares or any of them to the existing Ordinary Shareholders of the Company in a direct and pro rata proportion to their existing holdings of that class at a price to be agreed between the transferor and the Directors or failing agreement at a price fixed by the Accountants or Auditors appointed by the Company as a fair value thereof. The transferor shall be bound (upon payment of the purchase price due in respect thereof) to transfer the shares comprised in the transfer notice to the purchasing Members named therein at the place and time therein specified; and if in any case the vendor after having become bound as aforesaid makes default in transferring any shares the Company may receive the purchase price on his behalf, and may authorise some person to execute a transfer of such shares in favour of the purchasing Member. The receipt of the Company for the purchase price shall be a good discharge to the purchasing Member. The Company shall forthwith pay the purchase price into a separate bank account in the Company's name and shall hold the purchase price and any interest earned thereon in trust for the transferor. If within 28 days of the date of the said notice the Directors are unable to find a member or members willing to purchase all such shares on such conditions then but not before then the transferor may dispose of so many of such shares as shall remain undisposed of in any manner he may think fit within three months from the date of the said notice but the Directors may in their absolute discretion and without assigning any reason therefore decline to register any such transfer whether or not it is in respect of a fully paid up share or shares. If any person shall become entitled to any shares by reason of the death or bankruptcy or liquidation of a member the Directors may in their discretion deem such member or former member to have given a transfer notice in respect of all his shares.

PROCEEDINGS AT GENERAL MEETINGS.

10. At any General Meeting a Resolution put to the vote of the Meeting shall be decided on a show of hands unless a poll is (before or on the declaration of the result of the show of hands) demanded by the Chairman or any member in person or by proxy. Unless a poll is so demanded a declaration by the Chairman that a Resolution has on a show of hands been carried or carried unanimously, or by a particular majority, or lost, an entry to that effect in the book containing the minutes of the proceedings of the Company shall be

conclusive evidence of the fact without proof of the number or proportion of the votes recorded in favour of or against such Resolution. The demand for a poll may be withdrawn. In the event of an equality of votes the Chairman shall not have a second or casting vote. If from time to time there should be only one Member of the Company pursuant to the provisions of The Companies (Single Member Private Limited Companies) Regulations 1992 the provisions of Section 370A of the Companies Act 1985 shall apply and Regulation 40 of Table 'A' shall be amended accordingly.

DIRECTORS.

11. The Directors of the Company shall not be subject to any maximum but if and so long as there is a sole Director such Director may act alone in exercising all the powers and authorities by Table A or these Articles vested in the Directors generally and Regulations 89 and 90 shall be modified accordingly. The first Directors of the Company shall be the person or persons named in the Statement delivered to the Registrar of Companies prior to the formation of the Company and deemed to be appointed Directors accordingly. A Director need not hold shares in the Company and no Director shall be subject to retirement by rotation.
12. The Company shall not be subject to section 293 of the Act and accordingly any person may be appointed or elected as a Director whatever his age and no Director shall be required to vacate his office of Director by reason of his attaining or having attained the age of seventy years or any other age.
13. In the case of an equality of votes at any Directors Meeting the Chairman of the Meeting shall not have a second or casting vote.
14. Subject to the provisions of Section 317 of the Act a Director may contract with and participate in the profits of any contracts or arrangements as if he were not a Director. A Director shall also be capable of voting in respect of such contracts or arrangements, where he has previously disclosed his interest to the Company, or in respect of his appointment to any office or place of profit under the Company, or in respect of the terms thereof and may be counted in the quorum at any Meeting at which any such matter is considered.

SECRETARY.

15. The first Secretary of the Company shall be the person or persons named as Secretary in the Statement delivered to the Registrar of Companies prior to the incorporation of the Company and deemed to be appointed accordingly.

BORROWING POWERS OF THE DIRECTORS.

16. The Directors of the Company may exercise all the powers of the Company to borrow money, whether in excess of the nominal amount of the share capital of the Company for the time being issued or not and to mortgage or charge its undertaking property or uncalled capital, or any part thereof, and subject to section 80 of the Act to issue debentures, debenture stock and other securities whether outright or as security for any debt liability or obligation of the Company or of any third party.

ALTERNATE DIRECTORS.

17. Any Director may in writing appoint any person to be his alternate to act in his place at any meeting of the Directors at which he is unable to be present. Every such alternate shall be entitled to notice of meetings of the Directors and to attend and vote thereat as a Director when the person appointing him is not personally present and where he is a Director to have a separate vote on behalf of the Director he is representing in addition to his own vote. A Director may at any time in writing revoke the appointment of an alternate appointed by him. The remuneration of such an alternate shall be payable out of the remuneration payable to the Director appointing him and the proportion thereof shall be agreed between them. An alternate need not hold any share qualification.

DISQUALIFICATION OF DIRECTORS

18. The office of a Director shall be vacated:-

(1) If by notice in writing to the Company he resigns the office of Director,

(2) If he becomes bankrupt or insolvent or without prior consent of the Board of Directors for the time being of the Company enters into any arrangement with his creditors.

(3) If he becomes of unsound mind,

(4) If he is prohibited from being a Director by any order made under Sections 1 to 7, Section 8 (as amended by Section 79 of the Companies Act 1989) and Sections 9 and 10 of the Company Directors Disqualification Act 1986.

(5) If he is removed from office by a resolution duly passed under Section 303 of the Act.

EMPLOYEES AND EXECUTIVE DIRECTORS

19. (a) The Directors of the Company shall have the power to issue all or any of the unissued Shares that are for the time being comprised in the authorised share capital of the Company as Ordinary Redeemable Employee Shares.

(b) The said Ordinary Redeemable Employee Shares shall be redeemable only at the option of the Company but the Directors of the Company shall immediately before the allotment of such shares specify the date on which or by which such Ordinary Redeemable Employee Shares are to be or may be redeemed but failing the Directors so determining such date immediately

before allotment of such shares they shall be redeemable on the day which is eighty years from the date of allotment of the said Ordinary Redeemable Employee Shares. All Ordinary Redeemable Employee Shares shall be redeemable at par or such higher value as the Board of Directors of the Company may in compliance with the Act determine at the time of issue of the Ordinary Redeemable Employee Shares.

(c) The Directors power to allot Ordinary Redeemable Employee Shares shall only be exercised in favour of a person or persons who shall at the date of such allotment, hold a written contract of employment with or be an Officer of the Company. The Directors of the Company shall also have the power to impose such additional conditions relating to the holding of Ordinary Redeemable Employee Shares of the Company and to amend, alter or add to such conditions as subject to the provisions of the Act they shall from time to time think fit.

(d) A Member desiring to transfer his Ordinary Redeemable Employee Shares shall be entitled to transfer them to the Company pursuant to Article 6(a) if the Company has agreed to purchase such shares. A holder of Ordinary Redeemable Employee Shares ceasing to be an employee or officer of the Company for any reason whatsoever shall be deemed to have given notice to the Directors of the Company that he is desirous of transferring all Ordinary Redeemable Employee Shares on such date registered in his name and accordingly he shall also be entitled and be required to transfer such shares at the direction of the Directors of the Company pursuant to Article 19 (e) and (f). Pending redemption a member shall not otherwise transfer his Ordinary Redeemable Employee Shares.

(e) Where a member ceases to be an employee or officer of the Company and is deemed to have given notice to the Company that he is desirous of transferring all Ordinary Redeemable Employee shares then registered in his name the directors shall be entitled to nominate another employee or officer of the Company or the Company itself to purchase the members Ordinary Redeemable Employee Shares in question at par value or such other value as the Company and the member in writing agree within 21 days from the date that member ceased to be an employee or officer of the Company. On the company making such nomination and the transfer value being determined as aforesaid the member shall transfer his Ordinary Redeemable Employee Shares to such person or the company at that value.

(f) If the member or former member or other person shall fail to comply with paragraph 19 (e) above within 28 days from the nomination of the purchaser by the Directors, the Company may receive the purchase money on his behalf, and the Directors may authorise some person to execute a transfer of such shares in favour of the purchaser. The receipt of the Company for the purchase price shall be a good discharge to the purchaser, and after the purchasers name has been entered in the Register of Members he shall become indefeasibly entitled thereto and the validity of the proceedings shall not be questioned by any person. The Company shall forthwith pay the purchase price into a separate bank account in the Company's name and shall hold the purchase price and any interest earned thereon in trust for the transferor.

(g) The Directors may from time to time appoint to the office of Executive Director any employee or shareholder of the Company. The number of Executive Directors shall not exceed the number of Directors for the time being of the Company and shall have such duties and powers as the Directors may from time to time determine. An Executive Director shall not be required to hold any share qualification. The Executive Directors shall not be entitled to notice of or to attend at Meetings of the Directors except in cases where the Directors resolve that their presence is required and they shall not vote on any resolution submitted to a Meeting of the Directors other than a resolution on which the Meeting decides that they shall be allowed to vote. The appointment of an Executive Director shall not constitute him as a Director within the meaning of the expression 'Director' as defined in the Companies Act, 1985, or for the purposes of Table A or these Articles, and he shall remain at all times and in all respects subject to the control of the Directors and he may at any time be removed or suspended from office by the Directors.

(h) An Executive Director may be paid out of the funds of the Company such remuneration (if any) for his services as an Executive Director as the Directors shall from time to time determine in addition to his remuneration for his other employment with the Company.

(i) An Executive Director appointed hereunder may be described by the Company as an Associate Director, or a Technical, Works, Sales or Special Director or by any other name the Directors should so specify.

INDEMNITY.

20. Subject to Section 310 of the Act and in addition to such indemnity as is contained in Regulation 118 of Table 'A' every Director, Officer or Official of the Company shall be indemnified out of the funds of the Company against all costs, charges, losses and expenses and liabilities incurred by him in the execution and discharge of his duties or in relation thereto.

NOTICES.

21. Subject to the provisions of paragraphs (a) and (b) of this Article proof that an envelope containing a notice was properly addressed, prepaid and posted by registered or recorded delivery or other similar service to his registered address shall be conclusive evidence that Notice was given.

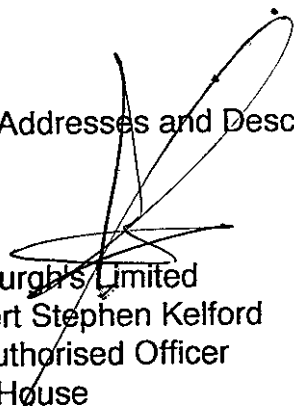
(a) Any notice served on a person at an address within the United Kingdom shall be deemed to have been served at the expiration of forty-eight hours after the envelope containing it was posted as aforesaid or in the event of a notice being served personally at the time such service took place.

(b) Any notice served on a person at an address outside the United Kingdom in an envelope properly addressed, prepaid and posted as aforesaid shall be deemed to have been served at the expiration of forty-eight hours after the envelope containing it would have been delivered in the ordinary course of post in the circumstances prevailing at the time of posting.

THE COMPANY SEAL


22. Pursuant to Section 36A of the Companies Act 1985, as introduced by Section 130 of the Companies Act 1989, the Company can execute documents and deeds without the use of a Seal and any Share Certificate signed by a Director and Secretary or by two Directors shall be as valid as a Certificate sealed with the Seal of the Company and Regulations 6 and 101 of Table 'A' shall be amended accordingly. The Company may in accordance with Section 39 of the Companies Act 1985 have an official seal for use in any territory district or place elsewhere than in the United Kingdom but shall only be used by a Director and Secretary or by two Directors or by such person or persons on such occasions and in such circumstances as are specifically authorised by a resolution of the Board of Directors for the time being of the Company who shall have the authority to amend, suspend or withdraw such authority as they think fit.

Names, Addresses and Descriptions of the Subscribers.



Chettleburgh's Limited
By Robert Stephen Kelford
a duly authorised Officer
Temple House
20 Holywell Row
London EC2A 4JB

Company Registration Agents

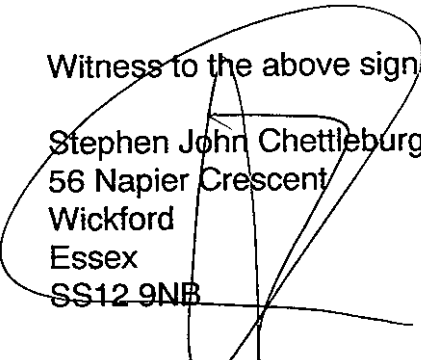


Chettleburgh International Limited
by Robert Stephen Kelford
a duly authorised Officer
Temple House
20 Holywell Row
London EC2A 4JB

Anglo-Japanese Consultants

Dated this 2nd January, 1997

Witness to the above signatures:-



Stephen John Chettleburgh
56 Napier Crescent
Wickford
Essex
SS12 9NB

System Manager