



ANNO TRICESIMO & TRICESIMO PRIMO

VICTORIÆ REGINÆ.

Cap. cxcvi.

An Act for incorporating the *Newcastle-upon-Tyne* High Level Hoist Company; and for other Purposes. [12th August 1867.]

WHEREAS the Erection and Construction of Buildings, Machinery, and other Works and Conveniences for the raising and lowering of Passengers, Animals, Carts, and Carriages, and other Traffic to and from the Bridge or Road and Footway by this Act authorized, and the Construction of such Bridge, Road, or Footway, would be of great Benefit and Convenience to the Inhabitants and the Trade of the Town of *Newcastle-upon-Tyne*: And whereas it is expedient that the Persons in that Behalf in this Act named, with others, shall be incorporated into a Company for the Purposes of this Act: And whereas Plans of the Lands required for the Erection and Construction of such Buildings, Machinery, Works, and Conveniences, and Plans and Sections of the Bridge or Road and Footway by this Act authorized, showing the Lines and Levels thereof, and a Book of Reference to those Plans respectively, containing the Names of the Owners or reputed Owners, Lessees or reputed Lessees, and Occupiers of the Lands to be taken for the Purposes of this Act, have been deposited with the Clerk of the Peace for the Borough and County of *Newcastle-upon-Tyne*, and those Plans,

[Local.]

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Sections,

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Sections, and Book of Reference are in this Act referred to as the deposited Plans, Sections, and Book of Reference: And whereas the Objects of this Act cannot be attained without the Authority of Parliament: May it therefore please Your Majesty that it may be enacted; and be it enacted by the Queen's most Excellent Majesty, by and with the Advice and Consent of the Lords Spiritual and Temporal, and Commons, in this present Parliament assembled, and by the Authority of the same, as follows:

Short Title.

1. This Act may be cited for all Purposes as "The *Newcastle-upon-Tyne* High Level Hoist Act, 1867."

8 & 9 Vict.
cc. 16., 18.,
& 20.,
23 & 24 Vict.
c. 106., and
26 & 27 Vict.
c. 118., in-
corporated.

2. "The Companies Clauses Consolidation Act, 1845," Part I. (relating to Cancellation and Surrender of Shares) and Part III. (relating to Debenture Stock) of "The Companies Clauses Act, 1863," "The Lands Clauses Consolidation Act, 1845," and "The Lands Clauses Consolidation Acts Amendment Act, 1860," and the Provisions of "The Railways Clauses Consolidation Act, 1845," with reference to the temporary Occupation of Lands near the Railway during the Construction thereof are (except where expressly varied by this Act) incorporated with and form Part of this Act.

Same Mean-
ings to
Words in
incorporated
Acts as in
this Act.
Interpreta-
tion of
Terms.

3. In this Act the several Words and Expressions to which Meanings are assigned by the Acts wholly or partially incorporated herewith shall have the same respective Meanings unless there be something in the Subject or Context repugnant to such Construction; the Expression "the Company" shall mean the Company incorporated by this Act; the Expression "the Undertaking" shall mean the Undertaking by this Act authorized; the Expression "Superior Court," or "Court of competent Jurisdiction," or any other like Expression in this Act or any Act wholly or partially incorporated herewith, shall be read and have effect as if the Debt or Demand with respect to which the Expression is used were a common Simple Contract Debt, and not a Debt or Demand created by Statute, and in construing in connexion with this Act the Provisions therewith incorporated of "The Railways Clauses Consolidation Act, 1845," the Expression "the Railway" shall mean the Bridge or Road and Footway by this Act authorized.

Company
incorporated.

4. *Thomas Sopwith, Addison Potter, and Robert White Falconar,* and all other Persons and Corporations who have already subscribed or shall hereafter subscribe to the Undertaking, and their Executors, Administrators, Successors, and Assigns respectively, shall be united into a Company for the Purposes of this Act, and for those Purposes shall be incorporated by the Name of "The *Newcastle-upon-Tyne* High Level Hoist Company," and by that Name shall be a Body Corporate, with perpetual Succession and a Common Seal, and with
Power

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Power to purchase, take, hold, and dispose of Lands and other Property for the Purposes of this Act.

5. Subject to the Provisions of this Act, the Company may enter upon, take, and use all or any Part of the Lands delineated upon the deposited Plans, and upon those Plans coloured Red, and described in the deposited Book of Reference, and upon those Lands or some Part or Parts thereof may erect and construct and from Time to Time maintain and renew Buildings, Machinery, and other Works and Conveniences for the raising and lowering of Passengers, Goods, Animals, Carts, and Carriages, and other Articles and Things to and from the Bridge or Road and Footway by this Act authorized.

Power to take Lands and erect Buildings and Machinery thereon.

6. Subject to the Provisions of this Act, the Company may make and maintain, in the Line and according to the Levels shown on the deposited Plans and Sections, the Bridge or Road and Footway hereinafter described, with all proper Approaches, Works, and Conveniences connected therewith, and may enter upon, take, and use such of the Lands delineated in connexion with the proposed Bridge or Road and Footway on the deposited Plans, and described in the deposited Book of Reference, as may be required for that Purpose: The Bridge or Road and Footway herein-before referred to and authorized by this Act will be situate alongside and on the East Side of the High Level Bridge of the *North-eastern* Railway Company, and will communicate with the Buildings of the Company to be constructed under the Powers of this Act, and will commence at or near the North End of the High Level Bridge aforesaid, and will terminate at or near the Northern Abutment of the Arch carrying that Bridge over the Street known as "the *Close*;" provided that the Company shall not enter upon, take, or use any Land now used for the High Level Bridge of the *North-eastern* Railway Company, or for any of the Piers, Abutments, Works, or Structure thereof, or in any way interfere with that Bridge or those Piers, Abutments, Works, or Structure, or the Approach to the said High Level Bridge; and any Chimney built for the Purposes of the Company shall be carried up and maintained to the Height of at least Twenty-five Feet above the Rails of the Railway Carriage Roadway on the said Bridge.

Power to make Bridge or Road and Footway according to deposited Plans.

7. The Company shall not construct any Works or erect any Building to the Southward of an imaginary Line drawn parallel to and at a Distance of Seven Feet to the Northward of the present Frontage towards the Street or Road called "the *Close*," of the Properties numbered on the deposited Plans One and Three in the Parish of *Saint Nicholas*, and any Portions of those Properties to the Southward of the said imaginary Line which the Company may acquire under the Powers of this Act shall be thrown into and become

Frontage of Buildings towards the *Close* to be set back.

Part

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Part of the said Street or Road, and the Company shall not have Power to take that Part of the Street called "the Close," numbered Five on the deposited Plans.

Works to be constructed to Satisfaction of Borough Surveyor.

8. All Works and Buildings to be constructed or erected by the Company under the Powers of this Act shall be constructed and erected, and thereafter maintained, by the Company under the Superintendence and to the reasonable Satisfaction of the Surveyor of the Borough of *Newcastle-upon-Tyne*, and any Difference between him and the Company or their Engineer with reference to such Construction, Erection, or Maintenance shall be determined by an Arbitrator to be, in default of Agreement, appointed upon the Application of either Party by the Board of Trade, and the Decision of the Arbitrator shall be binding upon all Parties, and the Costs of the Arbitration shall be in his Discretion: Provided always, that nothing herein contained shall empower the said Surveyor or any other Person to interfere with respect to the Nature or the Efficiency or the Working of any Machinery to be set up by the Company in any Building erected by them under the Powers of this Act, or with any Works in connexion with the High Level Bridge.

For securing Access to the public Ashpit in Saint Nicholas Parish.

9. In constructing the Works by this Act authorized, the Company shall (if the Corporation of *Newcastle-upon-Tyne* so require) carry the Bridge or Road and Footway by this Act authorized over the Road numbered on the deposited Plans 12. in the Parish of *Saint Nicholas* by means of a Viaduct instead of an Embankment, and the Company shall repay to the Corporation any Sums (not exceeding in the whole Five hundred Pounds) which the Corporation shall or may hereafter expend in keeping open or providing Access to the public Ashpit numbered on the deposited Plans 11. in the Parish of *Saint Nicholas*, and to the Road called the *High Bank Side*.

Capital.

10. The Capital of the Company shall be Eighteen thousand Pounds, in One thousand eight hundred Shares of Ten Pounds each.

Shares not to issue until One Fifth paid up.

11. The Company shall not issue any Share created under the Authority of this Act, nor shall any Share vest in the Person accepting the same, unless and until a Sum not being less than One Fifth of the Amount of such Share shall have been paid in respect thereof.

Calls.

12. One Fourth of the Amount of a Share shall be the greatest Amount of a Call, and Three Months at least shall be the Interval between successive Calls.

Power to divide Shares.

13. Subject to the Provisions of this Act, the Company, with the Authority of Three Fourths of the Votes of the Shareholders present, in

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in person or by proxy at a General Meeting of the Company specially convened for the Purpose, may from Time to Time divide any Share in their Capital into Half Shares, of which one shall be called "Preferred Half Share" and the other shall be called "Deferred Half Share:" Provided always, that the Company shall not divide any Share under the Authority of this Act unless and until not less than Sixty *per Centum* upon such Share has been paid up, and upon every such Division Fifty *per Centum* upon the entire Share shall be carried to the Credit of the Deferred Half Share (being the whole Amount payable thereon), and the Residue to the Credit of the Preferred Half Share.

14. The Dividend which would from Time to Time be payable on any divided Share if the same had continued an entire Share shall be applied in Payment of Dividends on the Two Half Shares in manner following; (that is to say,) first in Payment of Dividend, after such Rate not exceeding Six *per Centum per Annum* as shall be determined at a General Meeting of the Company specially convened for the Purpose, on the Amount for the Time being paid up on the Preferred Half Share, and the Remainder, if any, in Payment of Dividend on the Deferred Half Share, and the Company shall not pay any greater Amount of Dividend on the Two Half Shares than would have from Time to Time been payable on the entire Share if the same had not been divided.

Dividends
on Half
Shares.

15. Each Preferred Half Share shall be entitled out of the Profits of each Year to the Dividend which may have been attached to it by the Company as aforesaid in priority to the Deferred Half Share bearing the same Number; but if in any Year ending the Thirty-first Day of *December* there shall not be Profits available for the Payment of the full Amount of Dividend on any Preferred Half Share for that Year, no Part of the Deficiency shall be made good out of the Profits of any subsequent Year or out of any other Funds of the Company.

Dividend on
Preferred
Shares to be
paid out of
the Profits
of the Year
only.

16. Forthwith after the Creation of any Half Shares, the same shall be registered by the Directors, and each Half Share shall bear the same Number as the Number of the entire Share Certificate in respect of which it was issued, and the Directors shall issue Certificates of the Half Shares accordingly, and shall cause an Entry to be made in the Register of the entire Shares of the Conversion thereof: Provided always, that the Directors shall not be bound to issue a Certificate of any Half Share until the Certificate of the existing Share be delivered to them to be cancelled, unless it be shown to their Satisfaction that the Certificate is destroyed or lost,

Half Shares
to be regis-
tered and
Certificates
issued.

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and on any Certificate being so delivered up the Directors shall cancel it.

Terms of
Issue to be
stated in
Certificates.

17. The Terms and Conditions on which any Preferred Half Share or Deferred Half Share created under this Act is issued shall be stated on the Certificate of each such Half Share.

Forfeiture of
Preferred
Shares.

18. The Provisions of "The Companies Clauses Consolidation Act, 1845," with respect to the Forfeiture of Shares for Nonpayment of Calls, shall apply to all Preferred Half Shares to be created under the Authority of this Act, and every such Preferred Half Share shall for that Purpose be considered a whole Share distinct from the corresponding Deferred Half Share: Provided always, that until any forfeited Preferred Half Share shall be sold by the Directors of the Company all Dividends which would be payable thereon if the same had not been forfeited shall be applied in or towards Payment of any Expenses attending the Declaration of Forfeiture thereof, and of the Arrears of Calls for the Time being due thereon with Interest.

Preferred
Shares not
to be can-
celled or
surrendered.

19. No Preferred Half Share created under the Authority of this Act shall be cancelled or be surrendered to the Company.

Half Shares
to be Half
Shares in
Capital.

20. The several Half Shares under this Act shall be Half Shares in the Capital of the Company, and every Two Preferred or Deferred Half Shares held by the same Person shall confer such Right of voting at Meetings of the Company and (subject to the Provisions herein-before contained) shall confer and have all such other Rights, Qualifications, Privileges, Liabilities, and Incidents as attach and are incident to an entire Share.

Power to
borrow on
Mortgage.

21. The Company may from Time to Time borrow on Mortgage any Sum not exceeding in the whole Four thousand five hundred Pounds, but no Part thereof shall be borrowed until the whole Capital of Eighteen thousand Pounds is subscribed for, issued, and accepted, and One Half thereof is paid up, and the Company have proved to the Justice who is to certify under the Fortieth Section of "The Companies Clauses Consolidation Act, 1845," before he so certifies, that the whole of such Capital has been subscribed for, issued, and accepted, and that One Half thereof has been paid up, and that not less than One Fifth Part of the Amount of each separate Share in such Capital has been paid on account thereof before or at the Time of the Issue or Acceptance thereof, and that such Capital was issued *bonâ fide*, and is held by the Subscribers or their Assigns, and that such Subscribers or their Assigns are legally liable for the same, and upon Production to such Justice of the Books of the Company and of such other Evidence as he shall think sufficient he shall grant a Certificate

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Certificate that the Proof aforesaid has been given, which Certificate shall be sufficient Evidence thereof.

22. The Mortgagees of the Company may enforce Payment of Arrears of Interest or Principal, or Principal and Interest, due on their Mortgages by the Appointment of a Receiver, and in order to authorize the Appointment of a Receiver in respect of Principal or Principal and Interest the Amount owing to the Mortgagees by whom the Application for a Receiver is made shall not be less than Five hundred Pounds in the whole.

Arrears may be enforced by Appointment of a Receiver.

23. The Company may create and issue Debenture Stock.

Debenture Stock.

24. All Monies to be borrowed on Mortgage under this Act from the Time when the said Monies shall be advanced, and the Interest for the Time being due thereon, shall have Priority against the Company, and all the Property from Time to Time of the Company, over all other Claims on account of any Debts to be incurred or Engagements to be entered into by them: Provided always, that such Priority shall not prejudice or affect any Claim against the Company or their Property in respect of any Rentcharge to be granted by them in pursuance of the Provisions of "The Lands Clauses Consolidation Act, 1845," or "The Lands Clauses Consolidation Acts Amendment Act, 1860," nor shall anything herein-before contained prejudice or affect any Claim or Lien in respect of any Land taken, used, or occupied by the Company for the Purposes of this Act, or injuriously affected by the Construction of the Works of the Company or by the Exercise of any of the Powers by this Act conferred on the Company.

Monies borrowed on Mortgage to have Priority.

25. All Monies raised under this Act, whether by Shares, Debenture Stock, or borrowing, shall be applied for the Purposes of this Act only.

Application of Monies.

26. The First Ordinary Meeting of the Company shall be held within Six Months after the passing of this Act.

First Ordinary Meeting.

27. The Number of Directors shall be Five.

Number of Directors.

28. The Qualification of a Director shall be the Possession in his own Right of not less than Twenty Shares.

Qualification of Directors.

29. The Quorum of a Meeting of Directors shall be Three.

Quorum.

30. *Robert White Falconar, Thomas Sopwith, and Addison Potter,* and such Two other duly qualified Persons as they or the Majority of

First Directors.

*The Newcastle-upon-Tyne High Level Hoist Act, 1867.*Election of
Directors.

of them shall nominate in that Behalf, shall be the First Directors of the Company, and shall continue in Office until the First Ordinary Meeting held after the passing of this Act; at that Meeting the Shareholders present, in person or by proxy, may either continue in Office the Directors appointed by or under this Act, or any of them, or may elect a new Body of Directors, or Directors to supply the Place of those not continued in Office, the Directors appointed by this Act being, if qualified, eligible for Re-election; and at the First Ordinary Meeting to be held in every Year after the First Ordinary Meeting the Shareholders present, in person or by proxy, shall (subject to the Power herein-before contained for reducing the Number of Directors) elect Persons to supply the Places of the Directors then retiring from Office agreeably to the Provisions in "The Companies Clauses Consolidation Act, 1845," contained; and the several Persons elected at any such Meeting being neither removed nor disqualified, nor having resigned, shall continue to be Directors until others are elected in their Stead in manner provided by the same Act.

Period for
Compulsory
Purchase of
Lands.

31. The Powers of the Company for the compulsory Purchase of Lands for the Purposes of this Act shall not be exercised after the Expiration of Three Years from the passing of this Act.

Period for
Completion
of Works.

32. The Bridge or Road and Footway by this Act authorized shall be completed within Five Years from the passing of this Act, and on the Expiration of that Period the Powers by this Act granted to the Company for executing the same, or otherwise in relation thereto, shall cease to be exercised except as to so much thereof as shall then be completed.

Power of
Deviation.

33. The Company may, in the Construction of the Bridge or Road and Footway by this Act authorized, deviate from the Line thereof to the Extent delineated upon the deposited Plans, and may also deviate from the Levels of the said Bridge or Road and Footway, as marked on the deposited Sections, to any Extent not exceeding Two Feet.

Company
may make
Openings in
and Commu-
nications
with High
Level
Bridge.

34. The Company, with the Consent in Writing of the *North-eastern* Railway Company, under their Common Seal, may make Communications with the High Level Bridge aforesaid for affording Access thereto from the Works and Property of the Company, but such Communications shall only be where specified and allowed in and by such previous written Consent, and shall be made under the Superintendence and to the reasonable Satisfaction and in accordance with the reasonable Requirements of the Engineer in Chief for the Time being of the *North-eastern* Railway Company.

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35. In case any Communication with the High Level Bridge be made, the Company, if so required by the *North-eastern Railway Company*, shall construct and maintain on their own Property, and immediately adjoining thereto, a convenient Toll House, and shall, at all Times whilst such Communication is allowed to be used, permit such Toll House to be freely occupied and used by such Person as the said Railway Company shall from Time to Time appoint to take Tolls thereat for the Use of their said Bridge.

Toll House to be erected in case Communication made with High Level Bridge.

36. The Company may demand and take for the Use of any Buildings, Machinery, Works, or Conveniences belonging to them, and of the Bridge or Road and Footway by this Act authorized, such reasonable Tolls as the Company may from Time to Time appoint in that Behalf, not exceeding the following; (that is to say,)

Tolls.

For every Person, One Penny :

For every Cart, Waggon, Carriage, or other Vehicle, Threepence :

For every Horse, Mule, Ass, Beast, Head of Cattle, Calf, or other large Animal, Fourpence :

For every Pig, Sheep, Lamb, or other small Animal, One Penny :

For Goods, Wares, and Merchandise, and other Articles and Things, Fourpence *per* Hundredweight, and so in proportion for any greater or less Weight.

37. Upon Payment of the Tolls and Charges from Time to Time demandable, the Company shall, by means of such Machinery as they shall have erected and as may be available for that Purpose, raise and lower all Persons who may offer themselves, and all Goods, Animals, Carts, and Carriages, and other Articles and Things which may be offered for that Purpose, to and from the Bridge or Road and Footway to be constructed by the Company under the Powers of this Act, and shall permit such Persons, Goods, Animals, Carts, Carriages, and other Articles to pass over and along the Bridge or Road and Footway so to be constructed by them, subject nevertheless to the Byelaws and Regulations of the Company under this Act for the Time being in force with reference to the User of their Buildings, Machinery, Works, Conveniences, and Property, and of the said Bridge or Road and Footway.

Upon Payment of Tolls Company to allow their Machinery, &c., to be used.

38. A List of all the Tolls which the Company shall from Time to Time appoint to be taken under this Act shall be published by the same being painted upon One Toll Board or more in distinct Black Letters on a White Ground, or White Letters on a Black Ground, or by the same being printed in legible Characters on Paper affixed to such Board, and by such Board being exhibited in some conspicuous Place on or near that Part of the Premises of the Company at which such Tolls shall be made payable.

List of Tolls to be exhibited.

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39. No

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Tolls to be taken only while List exhibited.

39. No Tolls shall be demanded or taken by the Company during any Time at which the Board or Boards herein before directed to be exhibited shall not be so exhibited; and if any Person wilfully pull down, deface, or destroy any such Board, he shall forfeit and pay to the Company the Sum of Five Pounds, in addition to any Damage which he may have caused.

Tolls to be paid as directed by the Company.

40. The Tolls shall be paid to such Persons and at such Places upon the Premises of the Company, and in such Manner and under such Regulations, as the Company shall, by Notice to be annexed to List of Tolls, appoint.

Disputes as to Amount of Tolls chargeable.

41. If any Dispute arise concerning the Amount of Tolls due to the Company the same shall be settled by a Justice.

Company may make Regulations as to the Use of their Property.

42. It shall be lawful for the Company from Time to Time to make Regulations for the following Purposes, or some of them; (that is to say,)

For defining the Times and Hours during which the Buildings, Machinery, Works, and Conveniences of the Company, and the Bridge or Road and Footway by this Act authorized, shall be kept open for public Use:

For regulating the Mode of User of such Buildings, Machinery, Works, and Conveniences, and of the said Bridge or Road and Footway, and generally for regulating the Conduct of Business upon the Works and Premises of the Company.

Power to make Regulations by Byelaws.

43. For better enforcing the Observance of all or any of such Regulations, it shall be lawful for the Company to make Byelaws, and from Time to Time to repeal or alter such Byelaws and make others, provided that such Byelaws be not repugnant to Law or to the Provisions of this Act, and such Byelaws shall be reduced into Writing, and shall have affixed thereto the Common Seal of the Company; and any Person offending against such Byelaws shall forfeit for every such Offence any Sum, not exceeding Five Pounds, to be imposed by the Company in such Byelaws as a Penalty for any such Offence, and if the Infraction or Nonobservance of any such Byelaw or other such Regulation as aforesaid be attended with Danger or Annoyance to the Public or Hindrance to the Company in the lawful Use of the Machinery, Works, or Property, it shall be lawful for the Company summarily to interfere to obviate or remove such Danger, Annoyance, or Hindrance, and that without Prejudice to any Penalty incurred by the Infraction of any such Byelaw.

Publication of such Byelaws.

44. The Substance of such last-mentioned Byelaws shall be painted on Boards, or printed on Paper and pasted on Boards, and hung

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hung up, and affixed, and continued on some conspicuous Part of the Premises of the Company, and so as to give public Notice thereof to the Parties interested therein or affected thereby; and such Boards shall from Time to Time be renewed as often as the Byelaws thereon, or any Part thereof, shall be obliterated or destroyed, and no Penalty imposed by any such Byelaw shall be recoverable unless the same shall have been published and kept published in manner aforesaid.

45. Such Byelaws, when so published and affixed, shall be binding upon and be observed by all Parties, and shall be sufficient to justify all Persons acting under the same, and for Proof of the Publication of any such Byelaws it shall be sufficient to prove that a printed Paper or painted Board containing a Copy of such Byelaws was affixed and continued in manner by this Act directed, and in case of its afterwards being displaced or damaged, then that such Paper or Board was replaced as soon as conveniently might be.

Such Byelaws to be binding on all Persons.

46. Except as is by this Act expressly provided, this Act shall not in any way take away, prejudice, diminish, or alter any of the Rights, Powers, Privileges, or Authorities of the *North-eastern Railway Company*.

Saving Rights of North-eastern Railway Company.

47. All Costs, Charges, and Expenses of and incident to the preparing for, obtaining, and passing of this Act, or otherwise in relation thereto, shall be paid by the Company.

Expenses of Act.

LONDON :

Printed by GEORGE EDWARD EYRE and WILLIAM SPOTTISWOODE,
Printers to the Queen's most Excellent Majesty. 1867.

THE UNIVERSITY OF CHICAGO
DEPARTMENT OF CHEMISTRY
CHICAGO, ILLINOIS

ANIONIC POLYMERIZATION OF STYRENE

BY
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RECEIVED JANUARY 15, 1954

ABSTRACT
The anionic polymerization of styrene has been studied in benzene solution at 0°C. The reaction is initiated by a lithium salt of a carboxylic acid. The polymerization is characterized by a high degree of living character and by the formation of a single polymer species. The molecular weight of the polymer increases with increasing monomer concentration and decreasing initiator concentration. The polymerization is inhibited by the presence of water and other protic impurities.

Introduction
The anionic polymerization of styrene has been studied extensively in the past. The reaction is characterized by a high degree of living character and by the formation of a single polymer species. The molecular weight of the polymer increases with increasing monomer concentration and decreasing initiator concentration. The polymerization is inhibited by the presence of water and other protic impurities.

Experimental
Materials
Styrene was purified by distillation over calcium chloride. Benzene was purified by distillation over sodium benzophenone. The lithium salt of the carboxylic acid was prepared by the reaction of the acid with lithium metal.

Procedure
The polymerization was carried out in benzene solution at 0°C. The reaction was initiated by a lithium salt of a carboxylic acid. The monomer concentration and initiator concentration were varied to study their effect on the molecular weight of the polymer.

Results and Discussion
The molecular weight of the polymer increases with increasing monomer concentration and decreasing initiator concentration. The polymerization is inhibited by the presence of water and other protic impurities.