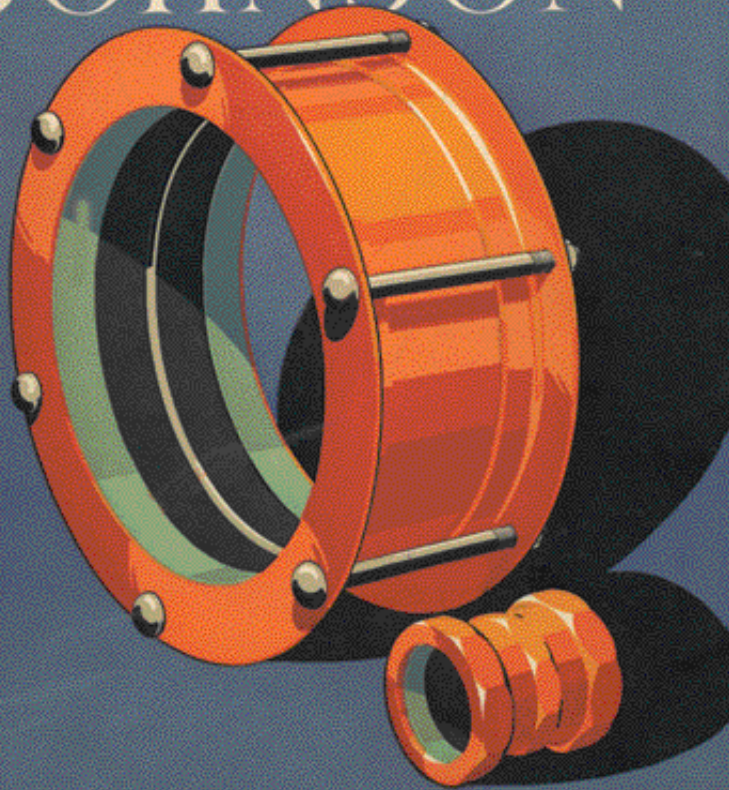


VIKING
JOHNSON



Viking
Johnson

Excellence
in the making

North America

Europe

Middle East

Asia

The Caribbean & Latin America

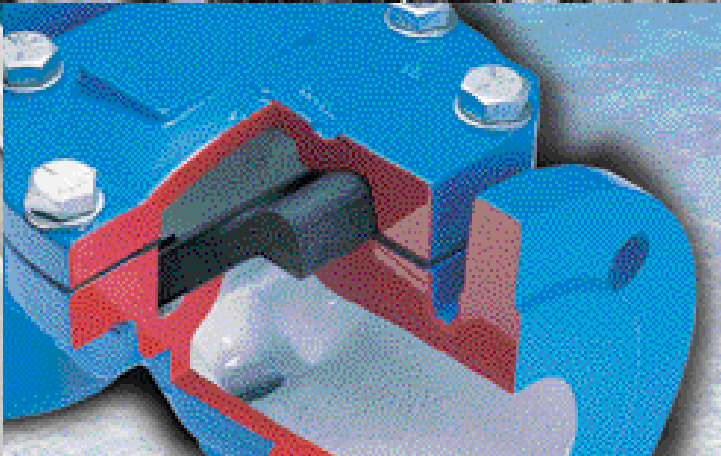
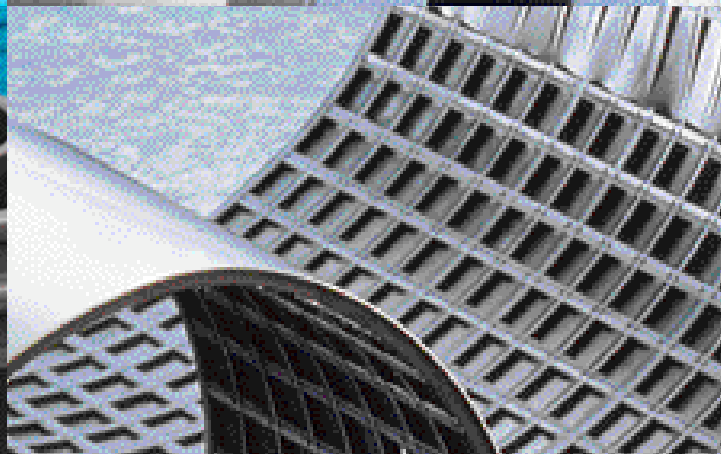
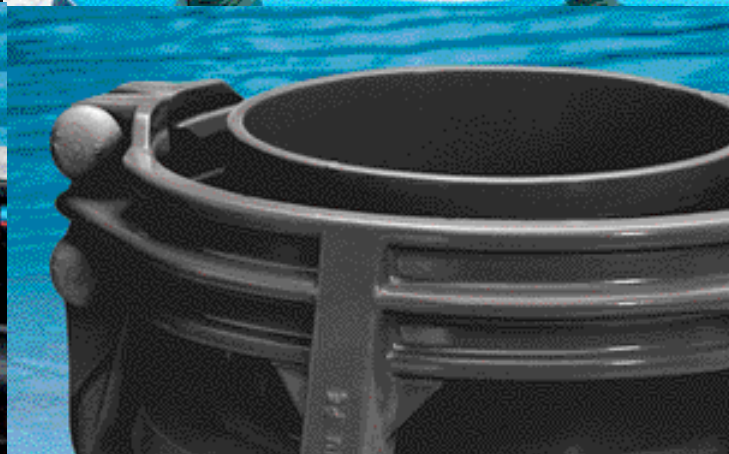
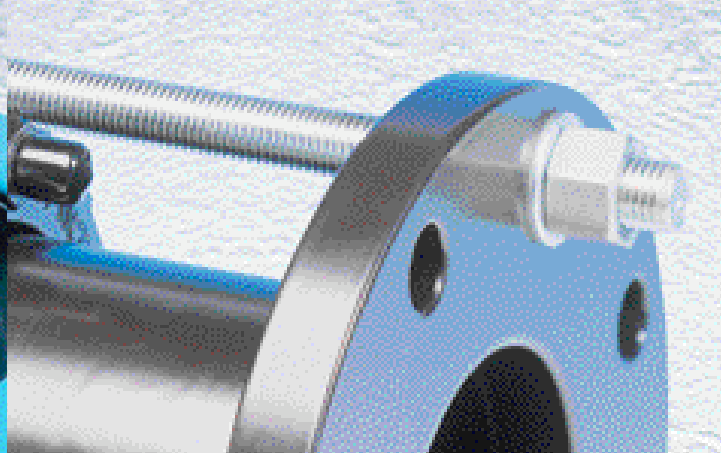
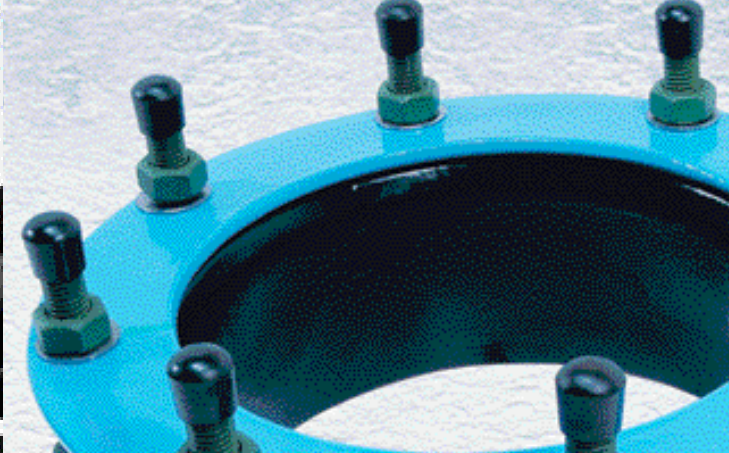
Africa

Oceania

The company

Viking Johnson has been supplying high quality pipe products to the international water, gas and industrial markets for 75 years. During that time the company has become a world leader in the supply of pipe couplings and repair products with customer satisfaction always at the forefront of company policy.

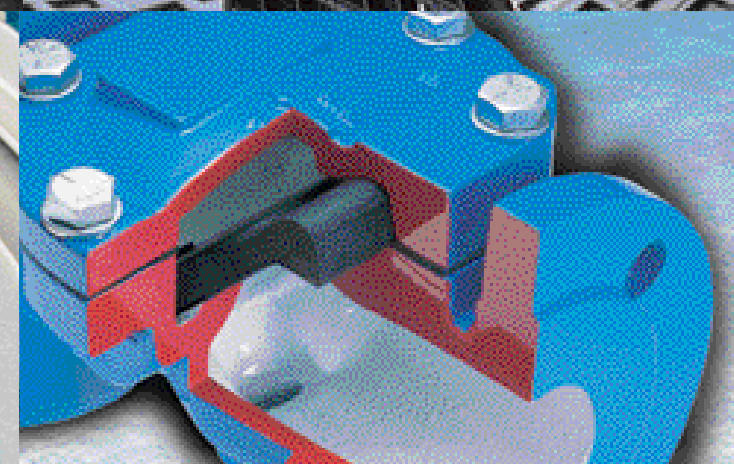
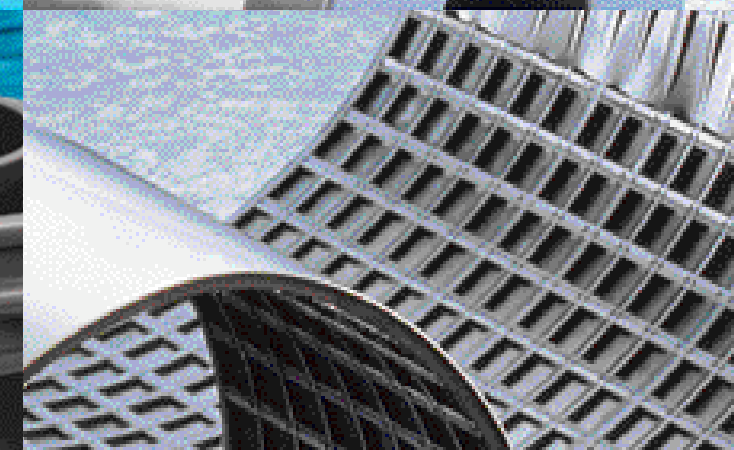
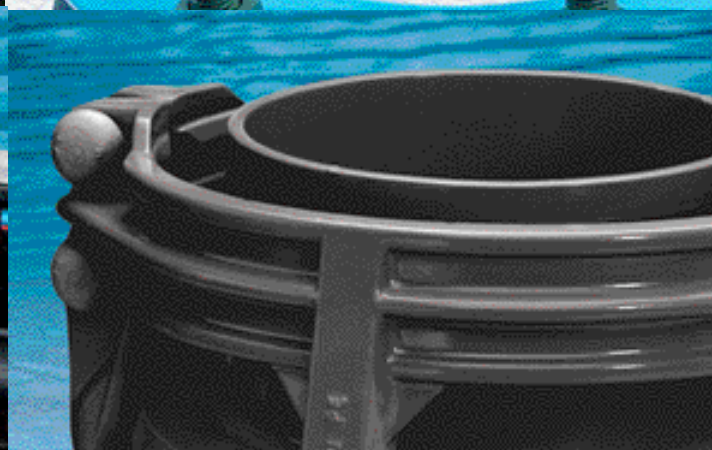
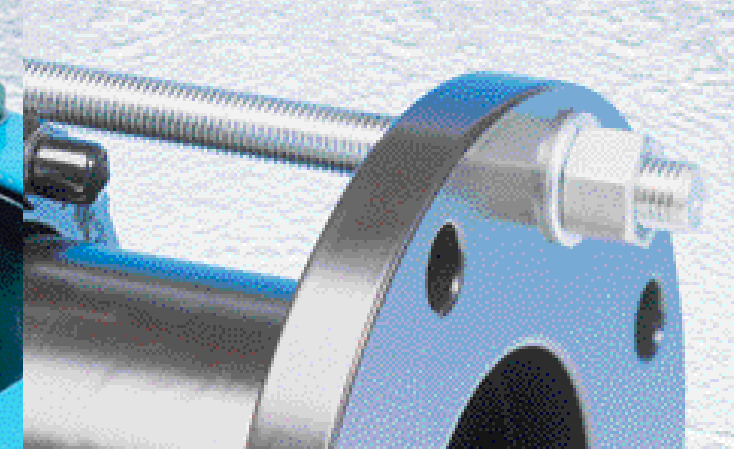
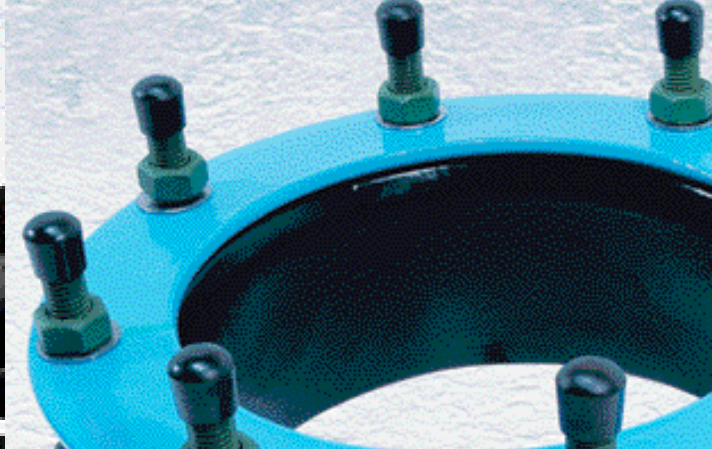




The Viking Johnson system

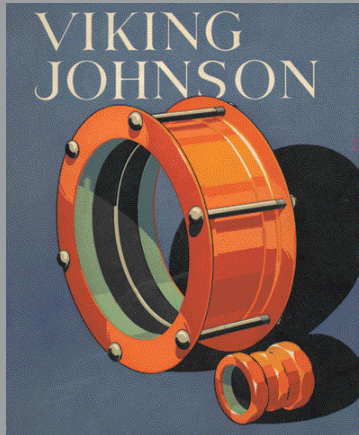
Internationally recognised as one of the most reliable methods of joining plain-ended pipes, the Viking Johnson system consists of a wide range of couplings, flange adaptors, repair clamps and special products to suit almost any application.

All Viking Johnson couplings, flange adaptors, MaxiFit, QuickFit, MegaFit, FlexLock, AquaGrip couplings operate on the same basic compression principle.





Original Viking Johnson offices
located in Hitchin, Hertfordshire



Our beginnings

The Victory Pipe Joint Company was formed shortly after World War I. The original company registration of the Victory Pipe Joint Company at **23 July 1919**.

In **August 1927** the company name was changed to the Victaulic Company Limited. The then steel producer, Stewarts & Lloyds acquired a 70% controlling interest share from the original owners in **1927**.

By **1942** Victaulic moved to a ten acre green field site in Hitchin designated for industrial development and this site remained undamaged by air raids!

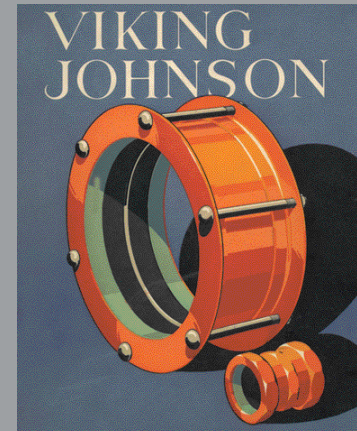
Following the nationalisation of Stewarts & Lloyds, Victaulic and Stewarts & Lloyds became wholly owned by BSC. We formed part of the British Steel Corporation Tubes Division's Stanton Staveley Group.

Buy out from the British Steel Corporation and The Victaulic Company plc was formed in **April of 1983**.

June 1987. The company changed its name to Victaulic PLC.

August 1995. Acquired by Glynwed Pipesystems Limited

June 2003. Crane Limited, a Crane Co. company purchases Viking Johnson.



The thirties



In 1932 Viking Johnson invented the first Victaulic hydraulic pipe lines to replace old flange hydraulic pipe.

London Hydraulic Power Co.

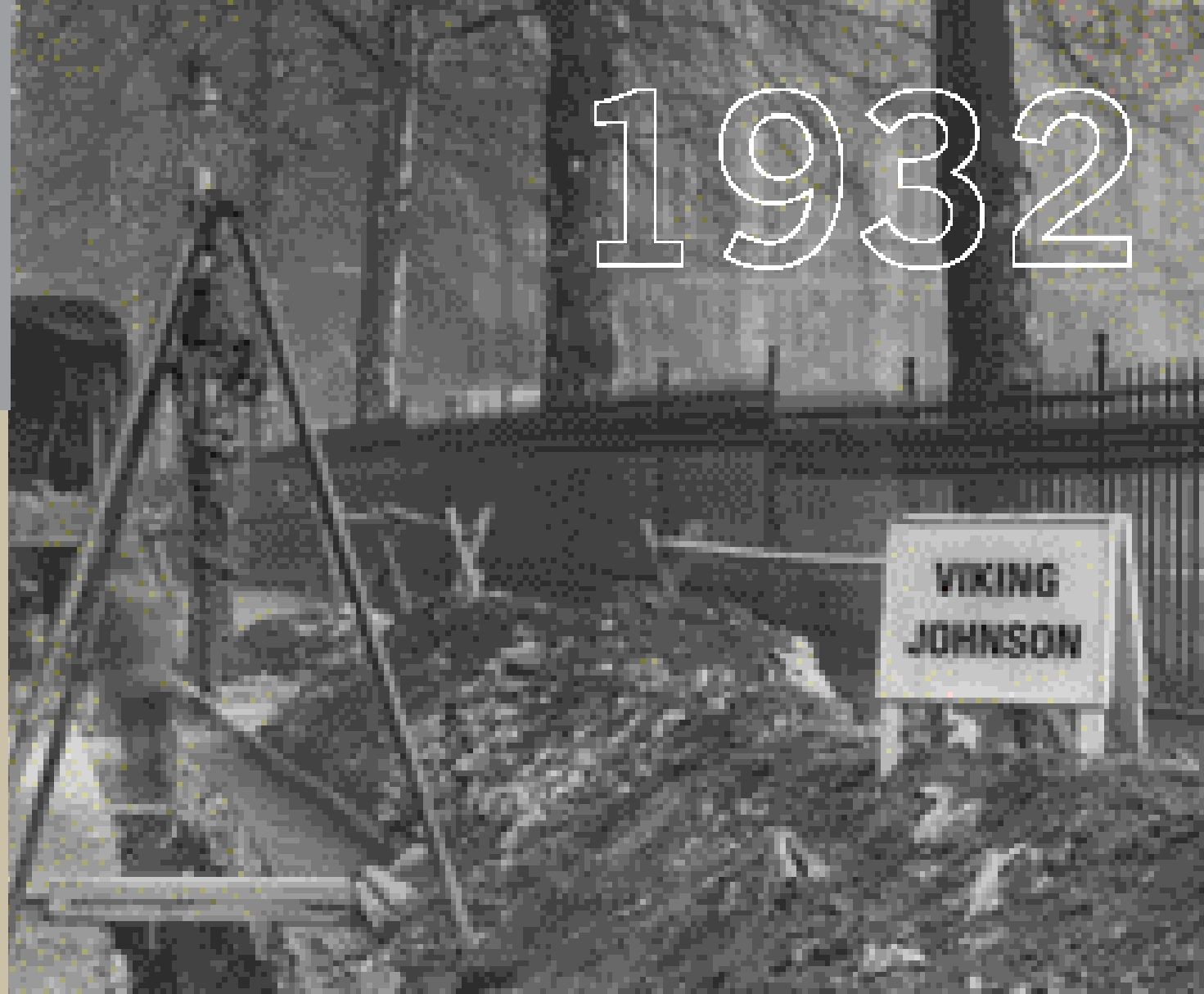
6" Victaulic hydraulic pipe lines being installed in Millbank, London, replacing old flange hydraulic pipe.

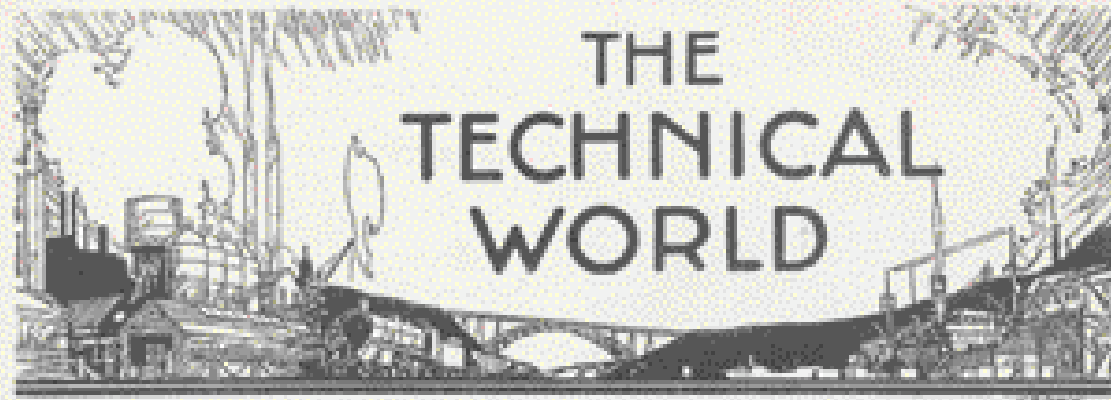
1932

In this year...

Polaroid photography was invented by Edwin Herbert Land.

Carl C. Magee invented the first parking meter.





THE TECHNICAL WORLD

A MONTHLY REVIEW OF ENGINEERING METHODS & PROGRESS.

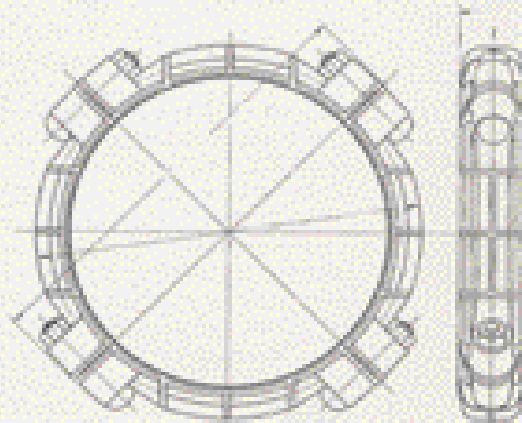
By Our Own Correspondents.

FLEXIBLE JOINTS FOR PIPE LINES.

A Notable Installation in England for Town Gas.

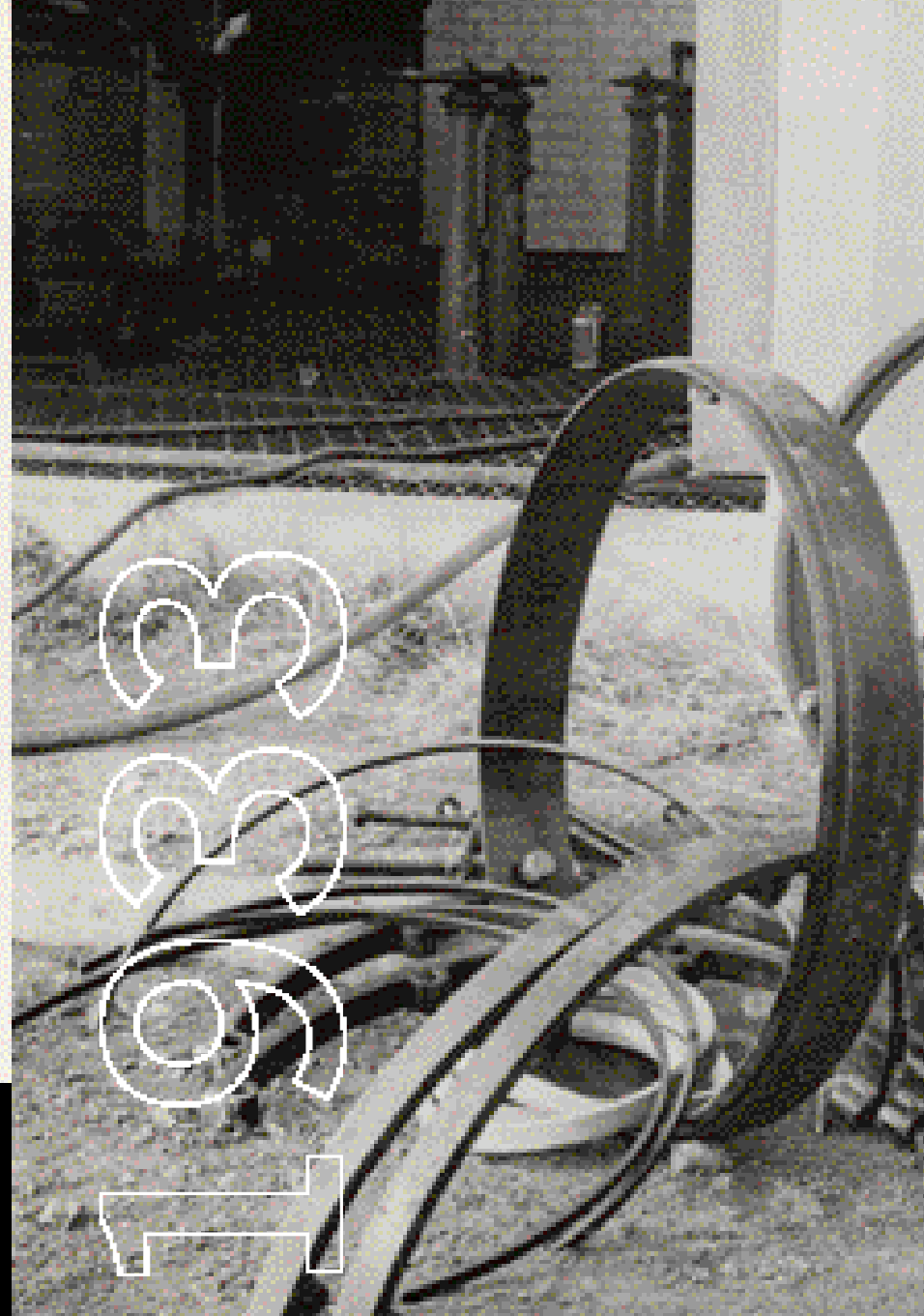
IN connection with gas, compressed air, oil, water, and sewage mains the advantages of the flexible joint are well known, and a notable recent example is a 24" diameter town gas main of 14,252 yards total length (slightly over 8½ miles) that has been laid by the Brighton, Hove and Worthing Gas Company from the gasworks at Portslade (Hove) to Worthing (Sussex).

This main crosses the River Adur, being attached to the side of a railway bridge, belonging to the Southern Railway Company, by means of steel brackets, the main rising from the ground at one bank of the river and descending again at the other side. Also the



Firestone Tyre and Rubber Company, Brentford


Special internal Viking Johnson Couplings fitted to 30" cast iron suction main with run lead joints to prevent sucking in air.



Nepal, India

24" Steel pipes with Victaulic
Joints supplied in 1933 for the
Sunderijal Hydro Electric Power
Scheme, Nepal, India

1933



Trinidad Central Water Supply Scheme

Approximately 15,000 8" to 26" Steel Pipes with Viking Johnson Flexible Couplings were supplied for this scheme to suit a working head of 550 feet.
Photo shows 24" pipes lying alongside railway prior to being laid.



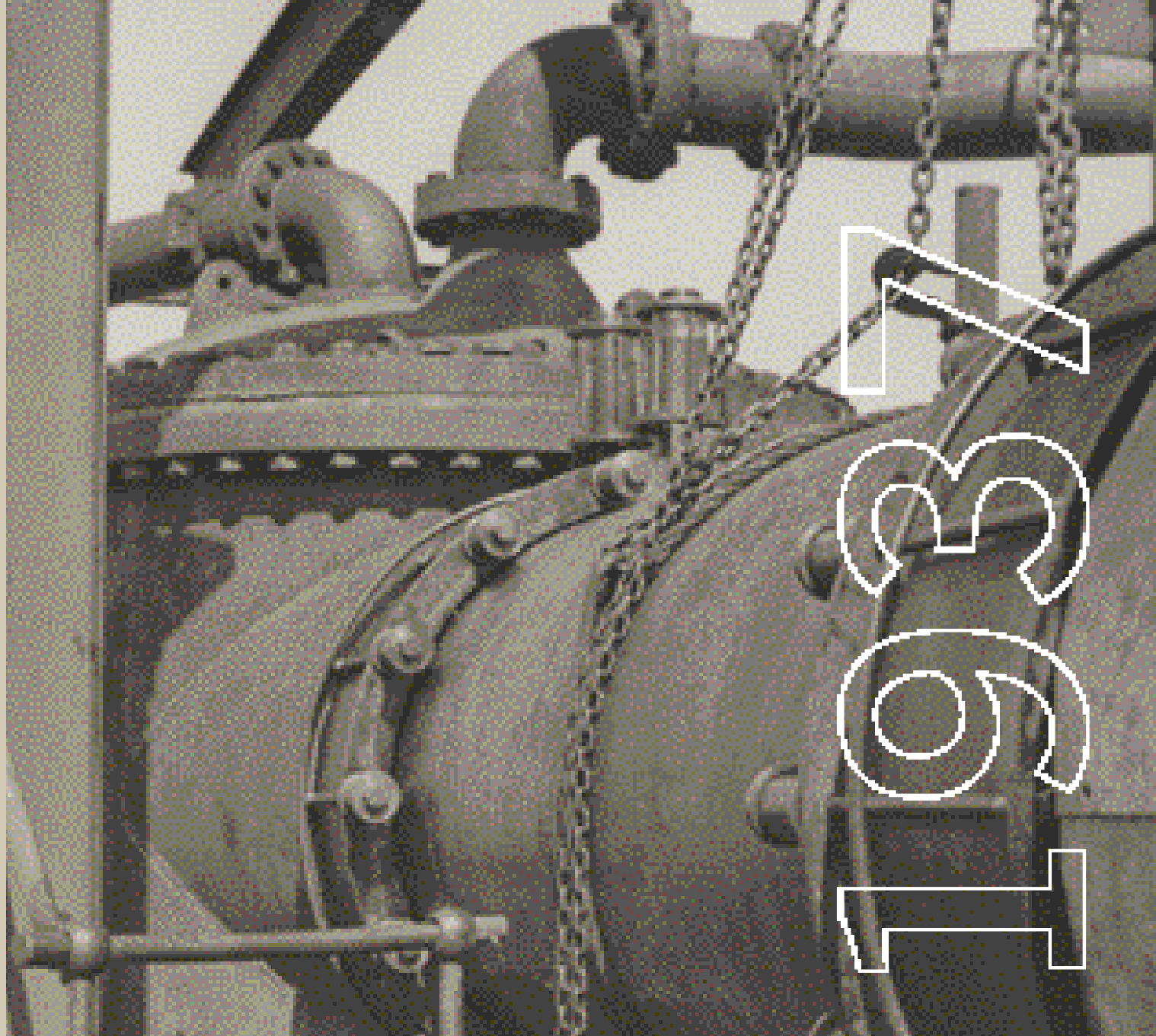
The Scottish Oils and Shell-Mex Ltd Ardrossan

30" high temperature oil sealed spring loaded Viking Johnson Couplings connecting fractionating and condenser columns, for temperatures up to 250° and accommodating 2½" vertical movement.

In this year...

Chester F. Carlson invented the photocopier.

The first jet engine was built.

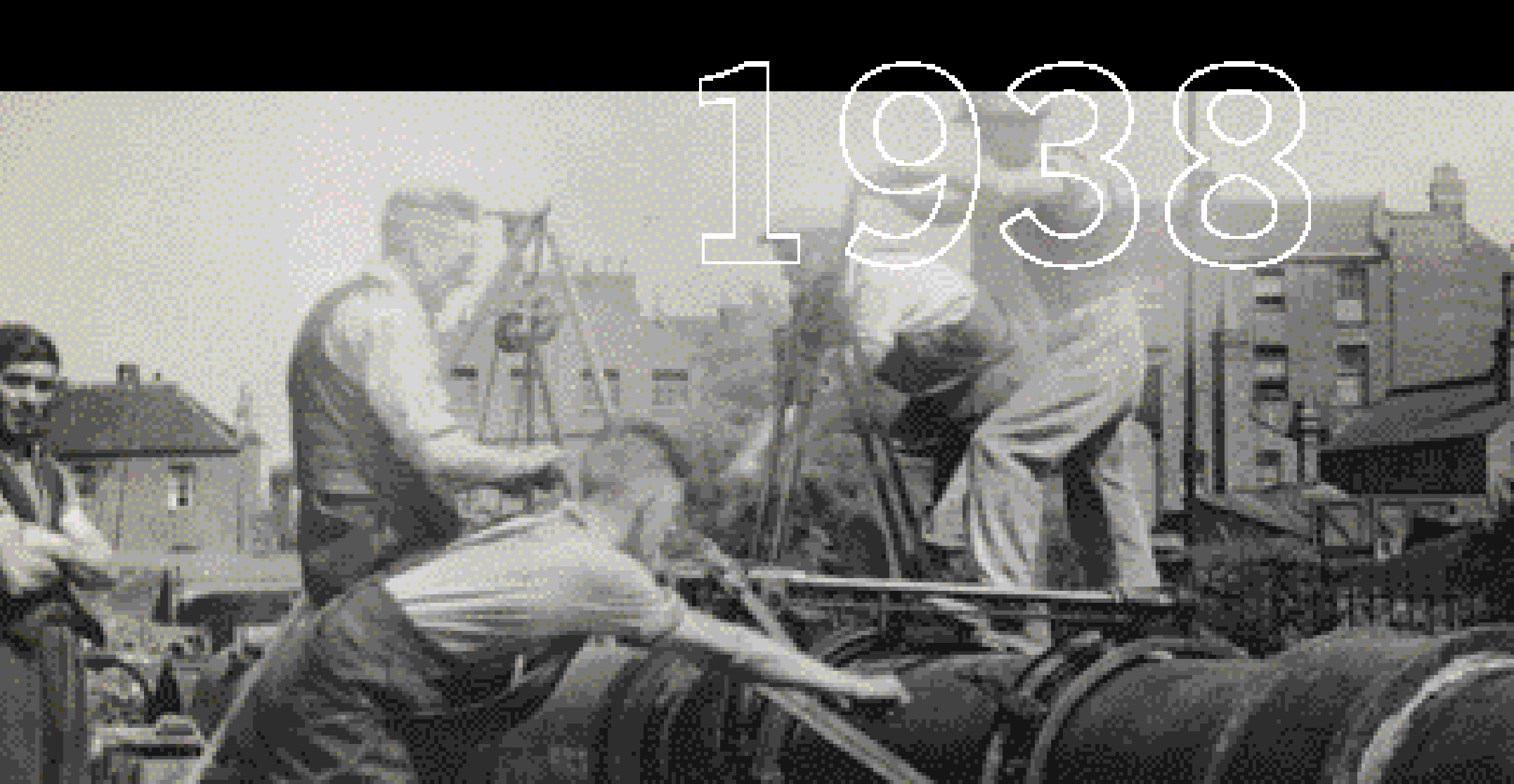




Exhibition Stand

Victaulic Stand at Public Health Services and Congress
Exhibition, 1938.

1938

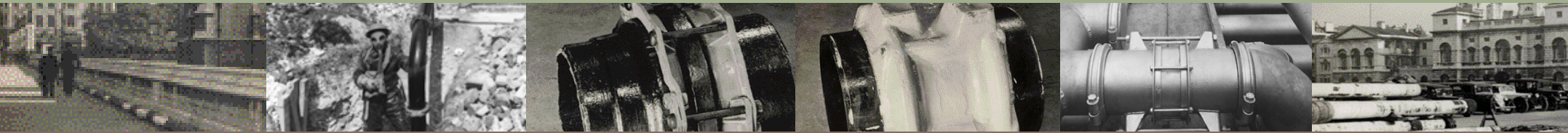


Reading Sewerage Department

Trial assembly of Viking Johnson Couplings on 24" cast iron pipe in Corporation Yard, preliminary to erecting on Factory Bridge.

In 1945 Viking Johnson invented a clamp for sealing leaks in existing mains that were subjected to movement

The forties



In this year...

John Atanasoff and Clifford Berry built the first electronic digital computer.

Max Mueller designs a turboprop engine

1942

Houses of Parliament

6" Shouldered steel pipes with Victaulic Joints supplied to Ministry of Works & Planning in 1941/42 for emergency water supply mains (fire-fighting) at Houses of Parliament and Westminster Abbey.





12" x 13.14" Johnson Clamp for sealing leaking spigot and socket cast iron pipe with lead joint suitable for existing mains which are subjected to movement.

In these years...

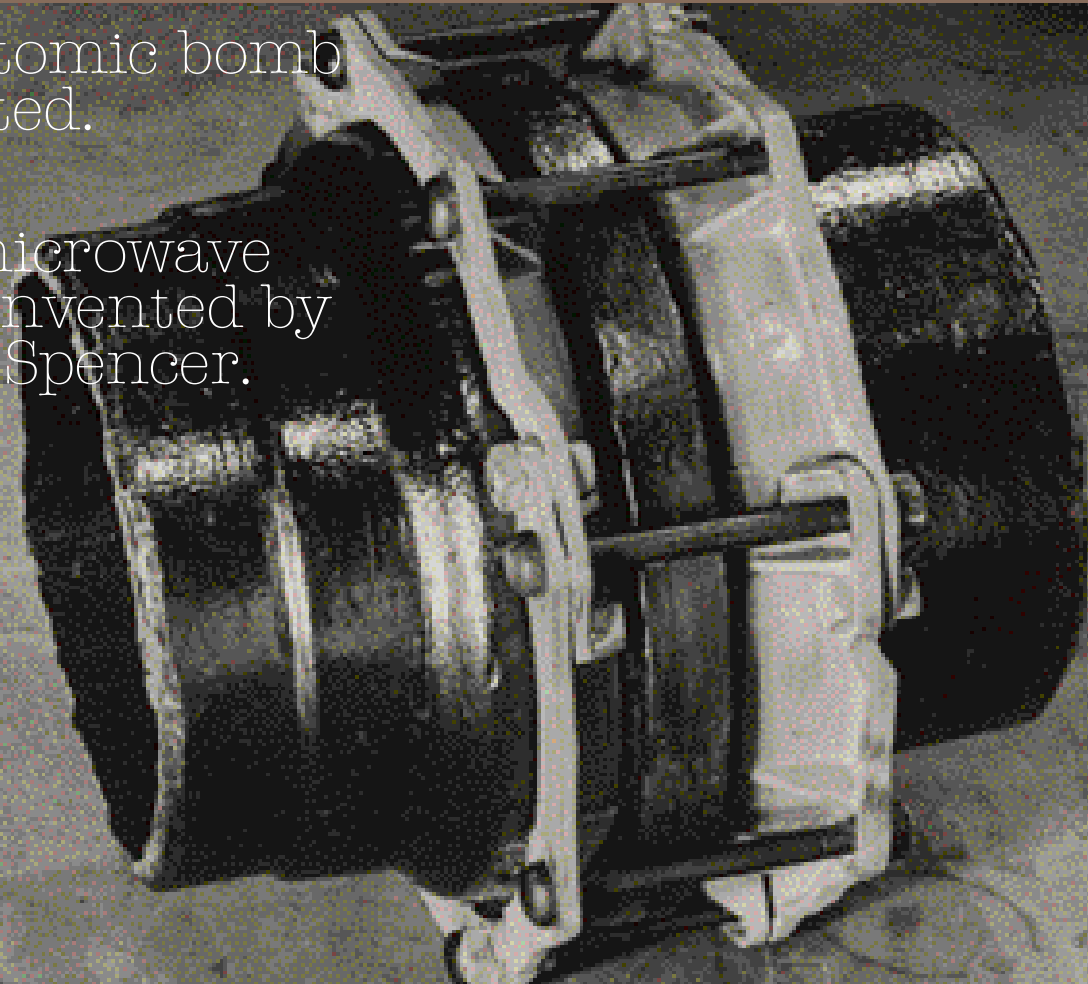
1945
Vannevar Bush
proposes hypertext.

The atomic bomb
invented.

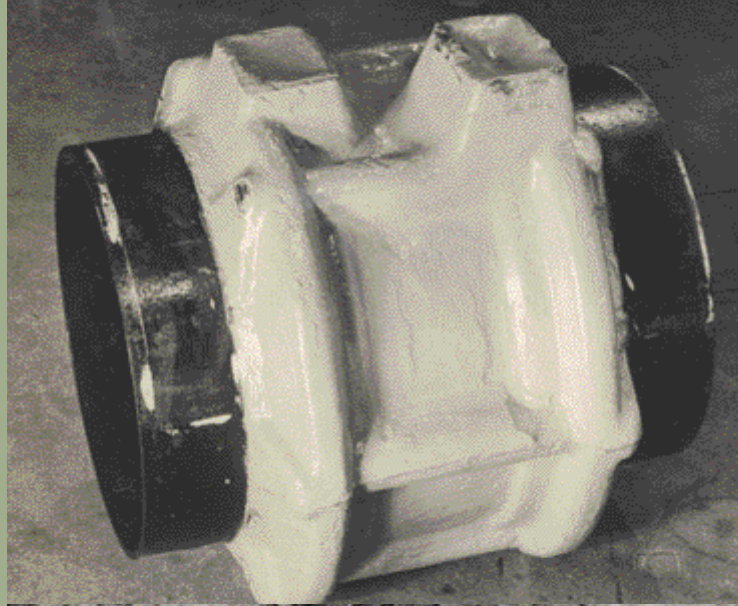
1946
The microwave
oven invented by
Percy Spencer.

Margate Corporation Water Undertaking

Photograph showing the Victaulic A.R.P closer joints with set screws. Also short reducer connecting by-pass piping to the closer joint.



A 12" x 13.14"
Johnson Coupling
moulded in bitumen

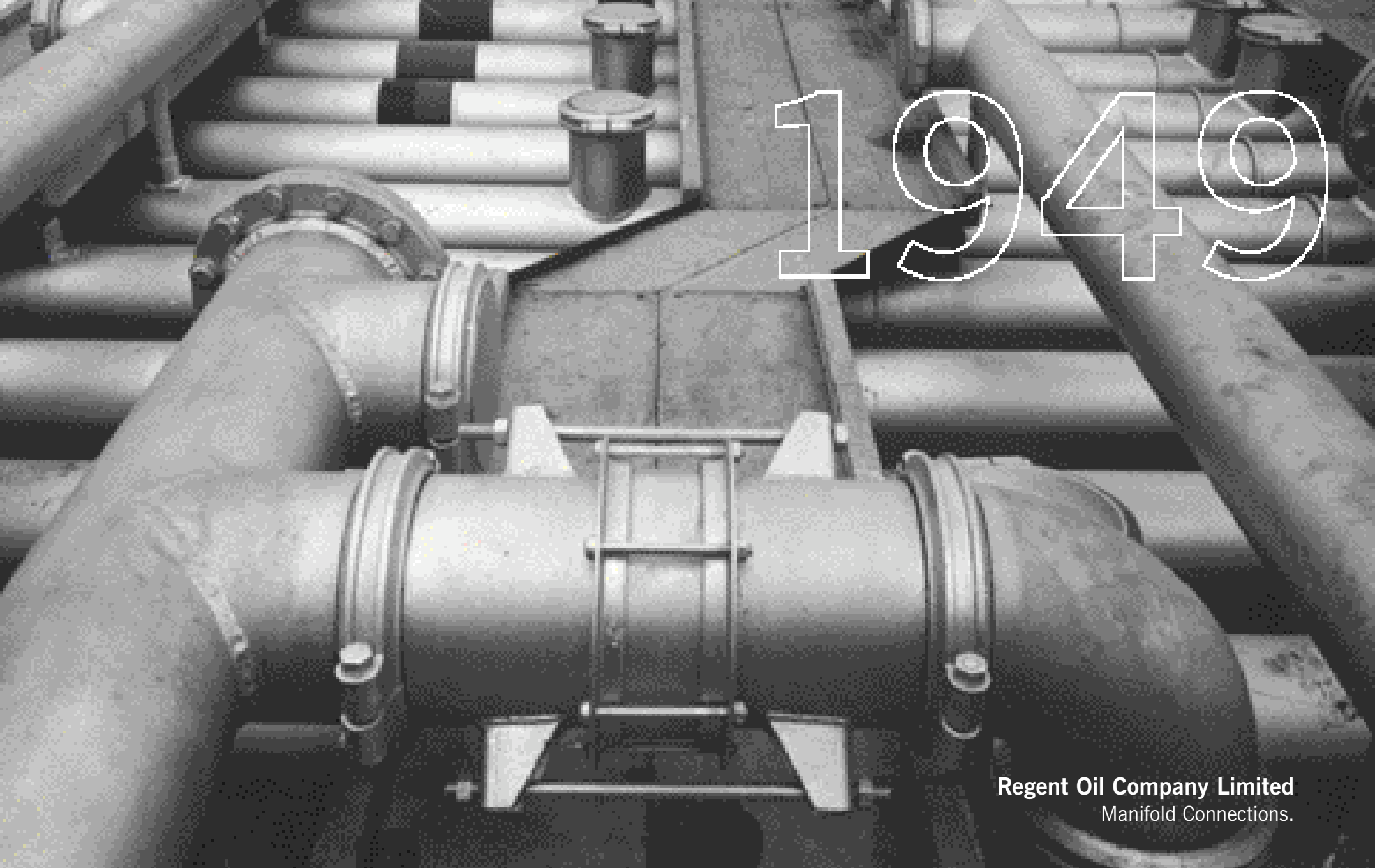


**South East Cornwall
Water Board**

8" Steel pipes with
Viking Johnson Couplings
moulded in bitumen.



1949



1949

Regent Oil Company Limited
Manifold Connections.



“ In 1949 Viking Johnson
introduced Couplings
made with enamelled
sleeves ”

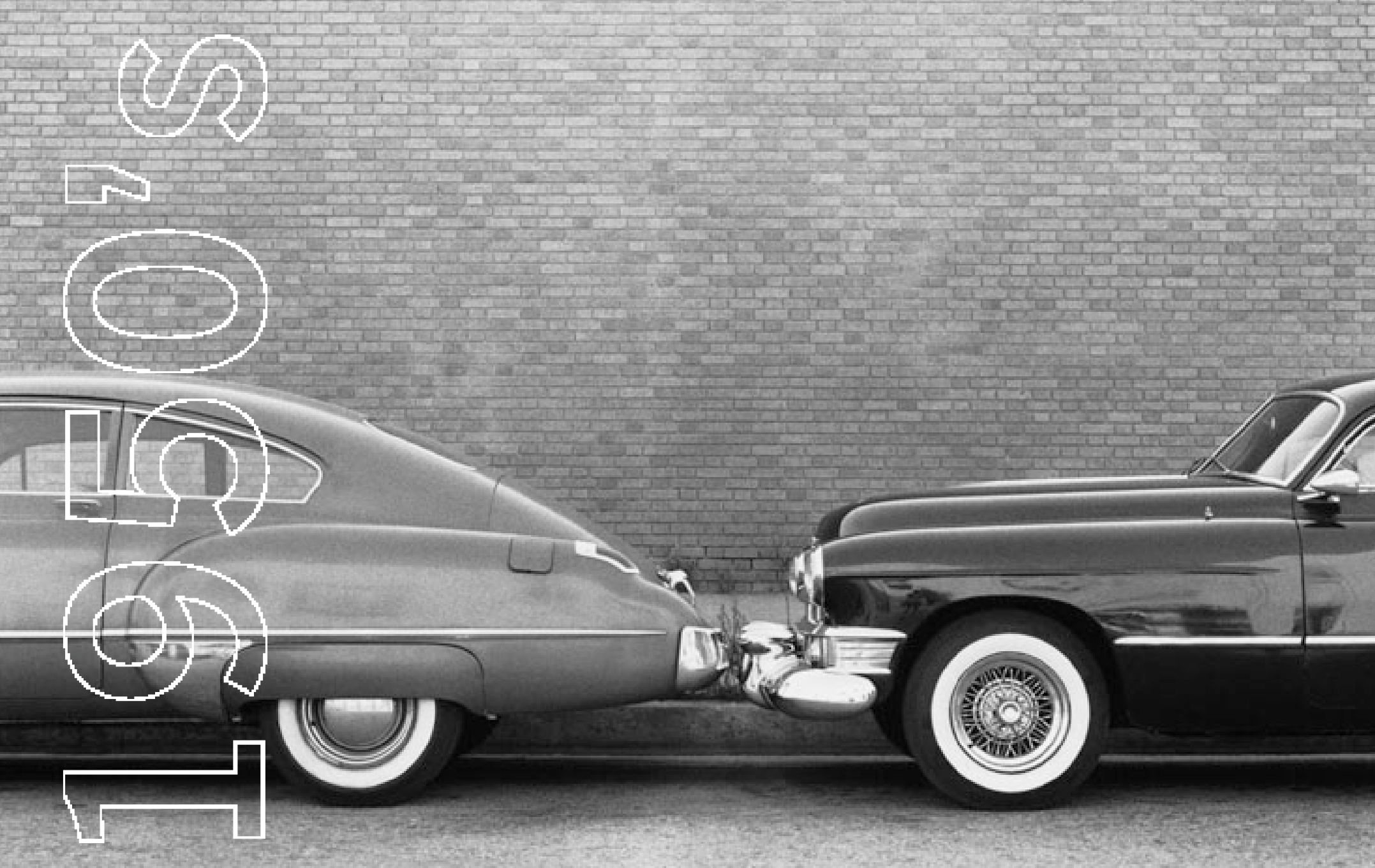
Ministry of Works & Planning

4"/10" Viking Johnson Couplings with enamelled sleeves to suit plain ended steel pipes supplied to Messrs. O.C. Summers for Office of Works Contract at Horse Guards' Parade for A.R.P. fire mains.

In 1953 Viking Johnson
invented a clamp for sealing
leaks in existing mains that
were subjected to movement

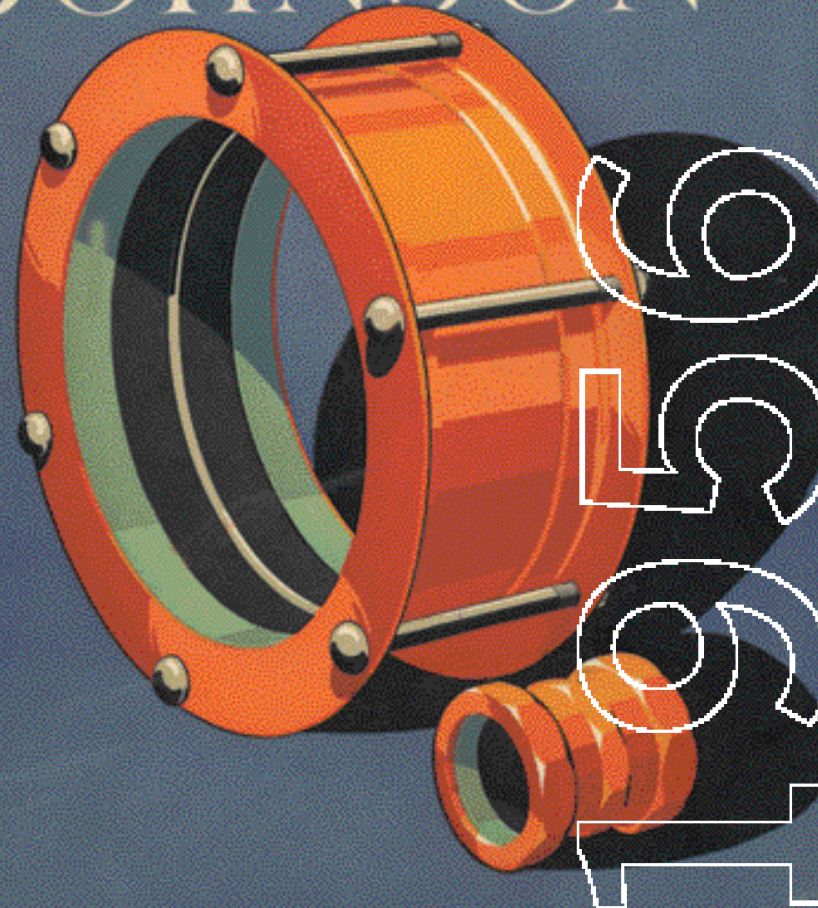
The fifties





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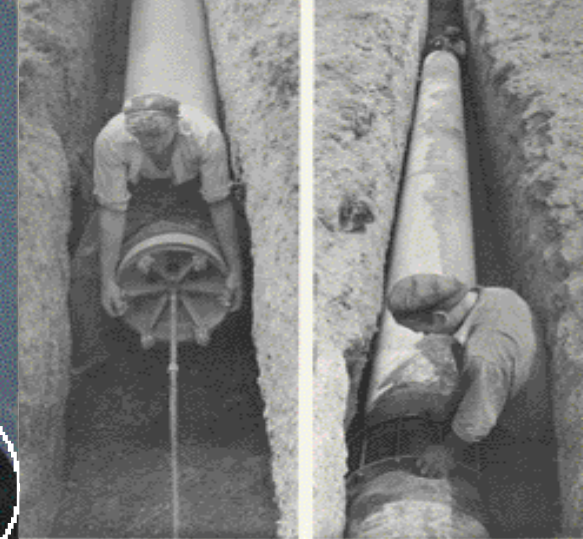
VIKING JOHNSON



In this year...

The hovercraft was invented by Christopher Cockerell.

Bette Nesmith Graham invented Liquid Paper, to paint over mistakes made with a typewriter.

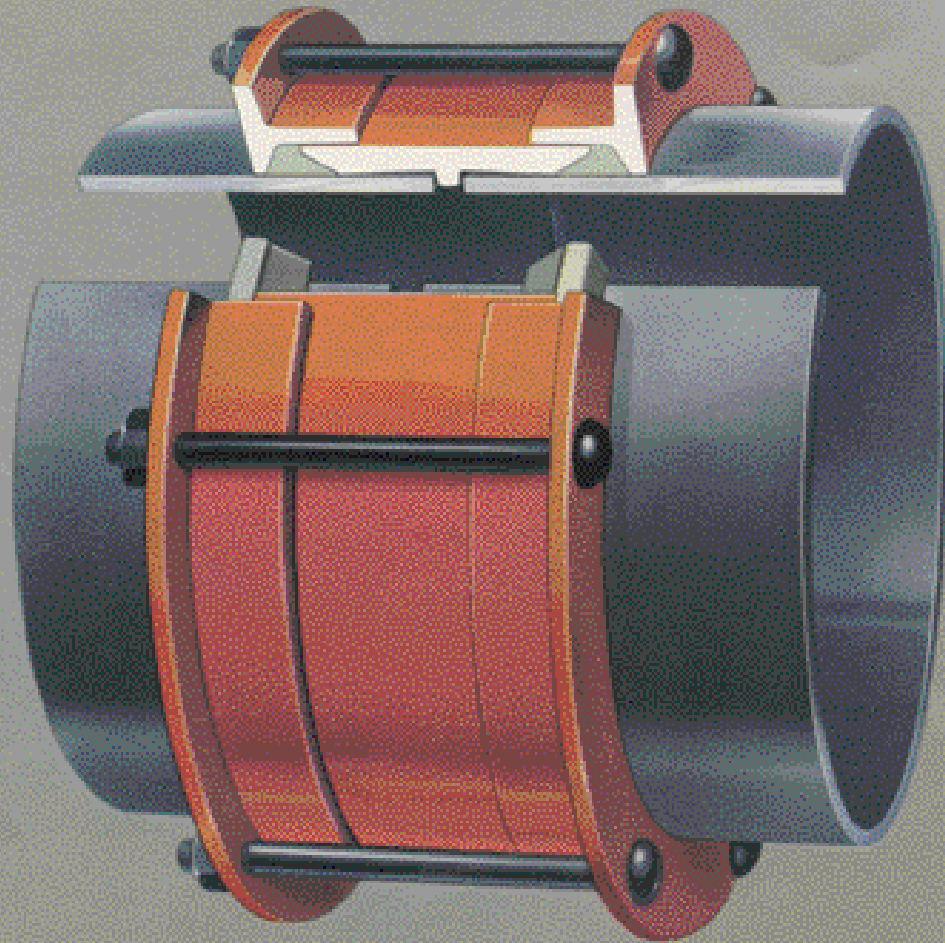


Left - Another view of the expanding coupler showing wheels and rubber sealing up pipe. Right - Operator working through expansion hole for mounting this pipe to give rigidity to nose at end of pipe to expand coupler.



Left - Operator adjusting the coupler and having locking up pipe into position for turning the shaft. Right - Working between couplers to complete the inner connection. The shaft extends to the left side of right side pipe as it will fold to indicate when the coupler is in the required form.

1956 Viking Johnson
Couplings brochure



Cut-away view of the Viking Johnson coupling on the pipe-ends, showing the rolled steel sleeve and flanges, and the rubber composition joining rings



Some pipelines with Viking Johnson couplings



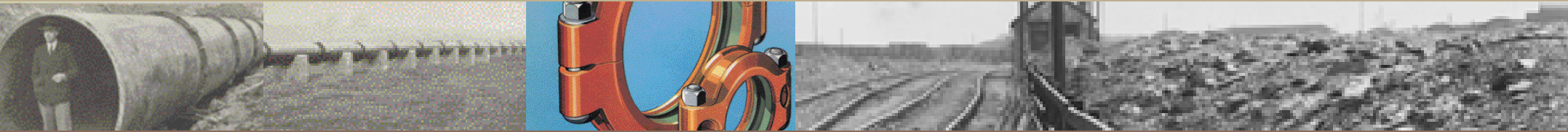
1091

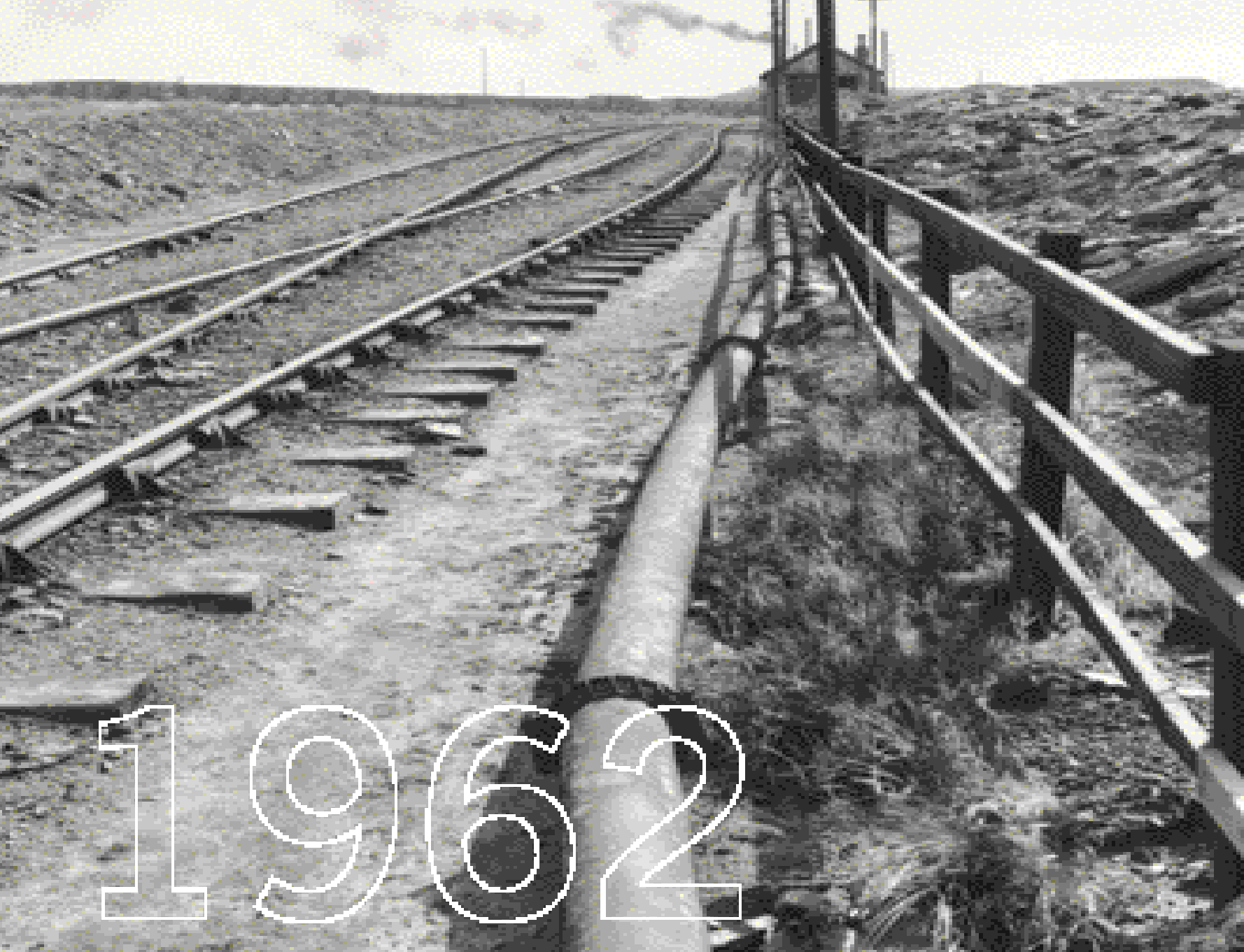
Training and Demonstration School

Training and Demonstration School at the Victaulic Company works at Hitchin.

In 1962 Viking Johnson invented a clamp for sealing leaks in existing mains that were subjected to movement

The sixties





1962

**National Coal
Board**

6" Victaulic fire fighting
main for the National
Coal Board

شركة مصر للإسمنت المسلح
شركة مصر للإسمنت المسلح

THE MISR CONCRETE DEVELOPMENT COMPANY, S.A.E.
CIVIL ENGINEERS AND CONTRACTORS

HEAD OFFICE : CAIRO
21, THARIA 14TH JULY
TELEPHONE 49824
COM. REGISTER 31871
P. O. BOX 1748

BRANCH OFFICES :
SUHAG : KHARTOUM P.O. 89
SAHARA : SUHAG P.O. 28

EMBASSY OFFICES :
ALEXANDRIA P.O. 102
MARIUTA EL KHA P.O. 21

file
506778/62

CONCRETE PRODUCTS FACTORIES
CAIRO :
THARA : TEL. 1985
RIGHT BANK ISRAELIA CANAL
AMMAN :
LEFT BANK ISRAELIA CANAL
ALEXANDRIA :
HADRA : TEL. 1285
SH. CALDOLAI - MARIOUTA
TELE. ADDRESS : "MISRAHAY"

For attention of Mr. Peter England.

KHARTOUM 21st. February, 1963

The Victualic Company,
8 Gough Square,
Fleet Street,
London E.C.4.
England.

Dear Mr. England,

I am now back in Khartoum and wish to thank you very much for the most interesting visit to your Works at Hitchin.

It may interest you to know that we have commenced laying the 21" main and therefore, I had already begun putting into practice the information obtained during my visit.

I look forward that I may see you again in Khartoum or Cairo.

Yours sincerely,


(A. El-Sayid)

In this year...

The audio cassette invented.

The fiber-tip pen invented by Yukio Horie.

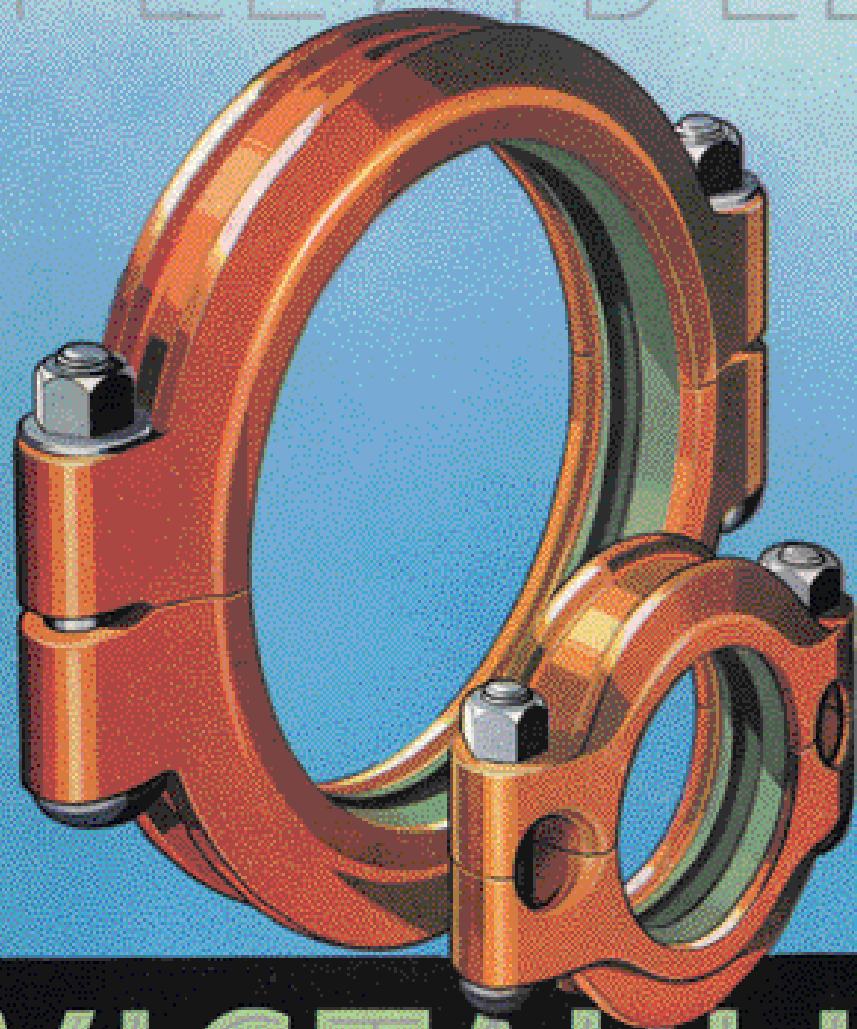
Spacewar, the first computer video game invented.



1960'S

1960's Victaulic
Pipe Joints
brochure

FLEXIBLE



VICTAULIC

**Illustration: Stephen
Langlois**

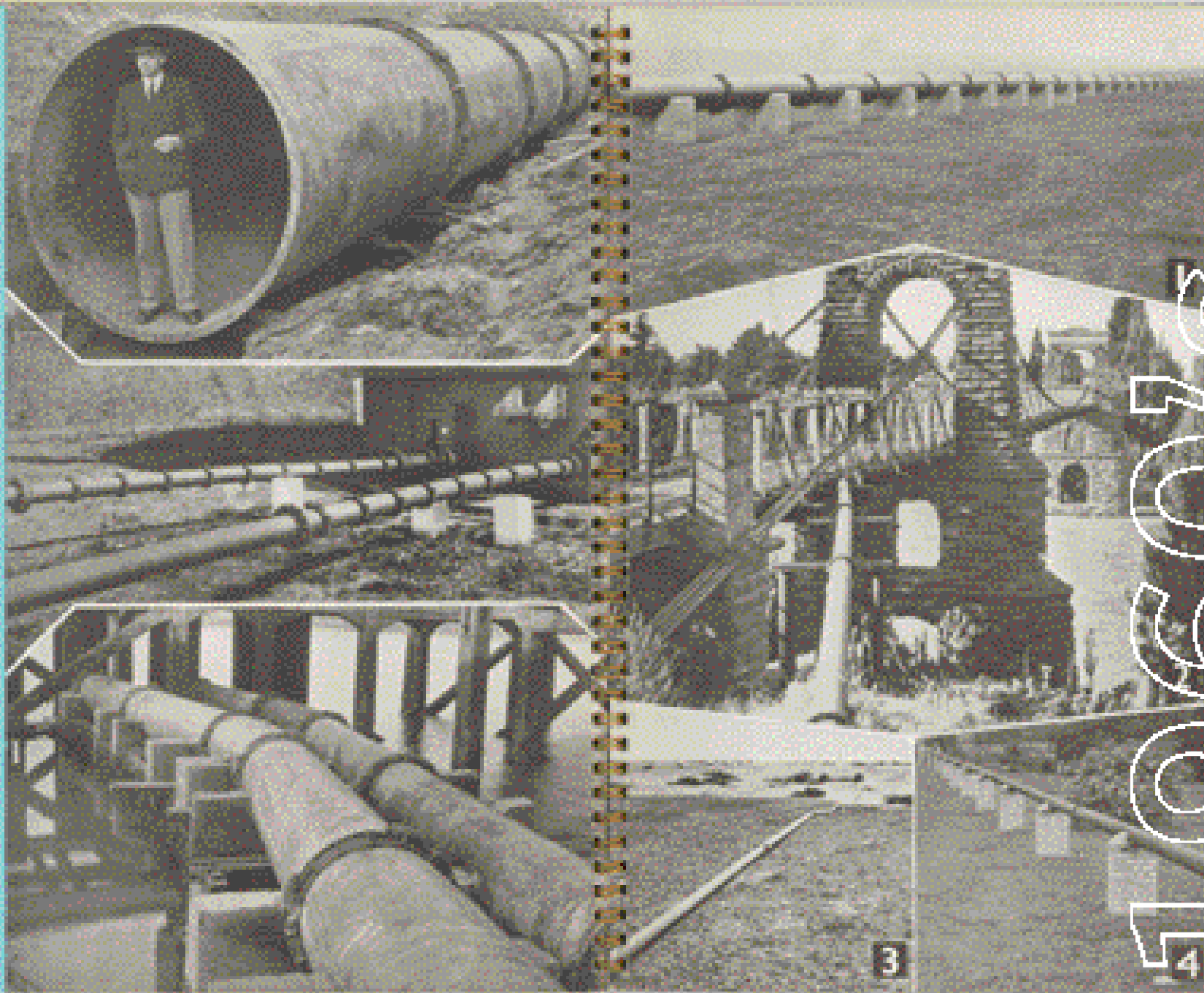
It is, you see, with
Hercules, that aspect of
the West. Hercules. He
got better. Hercules
didn't even to get it in
a 20th-century. He
wasn't even in the
20th-century. He was
in the 20th-century. He
was in the 20th-century.

**Photo: Robert
Rosen**

**Photo: Robert
Rosen**

The construction
of the bridge was
a major project. It
was a major project.

V



2021

The seventies



In 1975 Viking Johnson invented a clamp for sealing leaks in existing mains that were subjected to movement

Victaulic Joints used
on a small tanker
carrying crude oil

1970

In this year...

The floppy
disk
invented
by Alan
Shugart



In this year...

The shuttle programme was formally launched on January 5, 1972, when President Nixon announced that NASA would proceed with the development of a reusable Space Shuttle system.



**Athelknight,
Liverpool**

Victaulic Joints
installed in the
vessel, on deck
pipework



1975

1975

**Northumbria
Water Authority**
Fitting of Redlands
GRP Pipe for Tyneside
Interceptor Sewer in
June 1975



*NORTHUMBRIA WATER AUTHORITY.
Tyneside Interceptor Sewer
June 1975. 55 1/2" V.I.C. on Redlands GRP Pipe*



*Tyneside Interceptor Sewer
June 1975. 55 1/2" V.I.C. on Redlands GRP pipe.*



**Felindre-Morgan
Pipe Line**
Spirally moulded
pipes

8
1
9
4

Egypt

Water pipelines in
El Arish, Egypt,
November 1978.



Guatemala
Group of workers at
the Aquacapa
Hydroelectric
Scheme, Guatemala



In this year...

Cellular phones invented.

Cray supercomputer
invented by Seymour Cray.

Walkman invented.

Scott Olson invents roller
blades

West Glamorgan

Fitting of pipes for West Galmorgan
Water Board

The eighties

In 1980's Viking Johnson release maxifit, a wide tolerance coupling for pipes of ranging sizes.





“ In 1985
Viking Johnson
introduced a new
range of pipe joints ”

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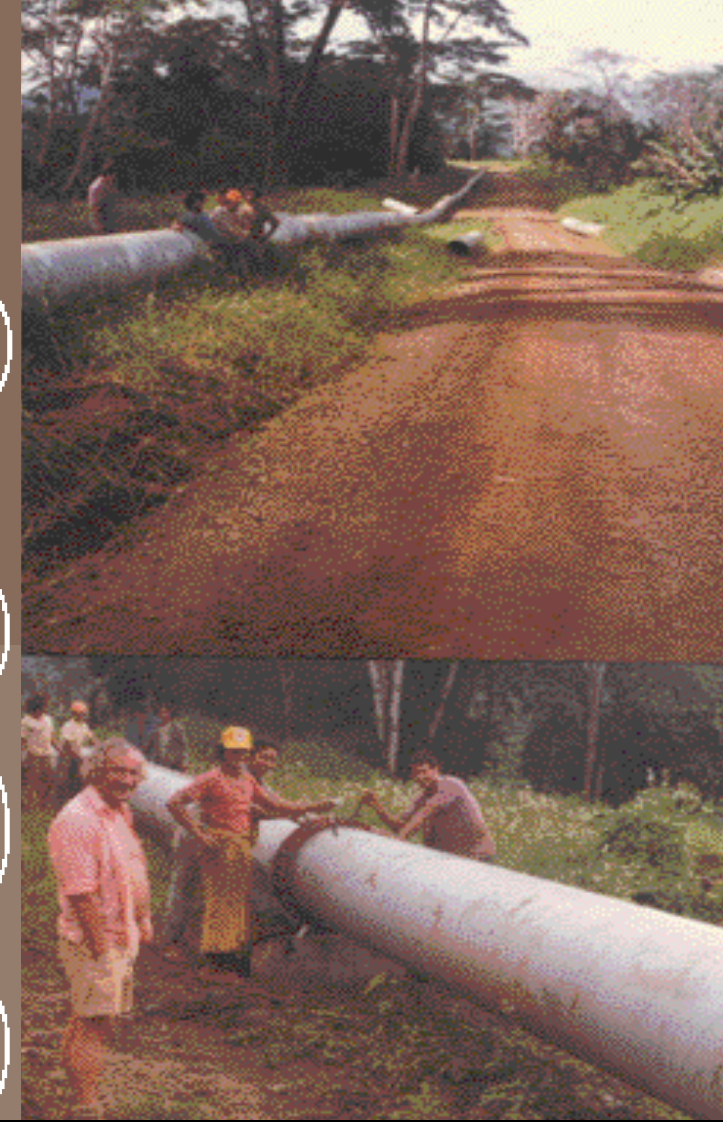
In this decade...

The CD-ROM was invented.

Fuji introduced the disposable camera.

Disposable contact lenses invented.

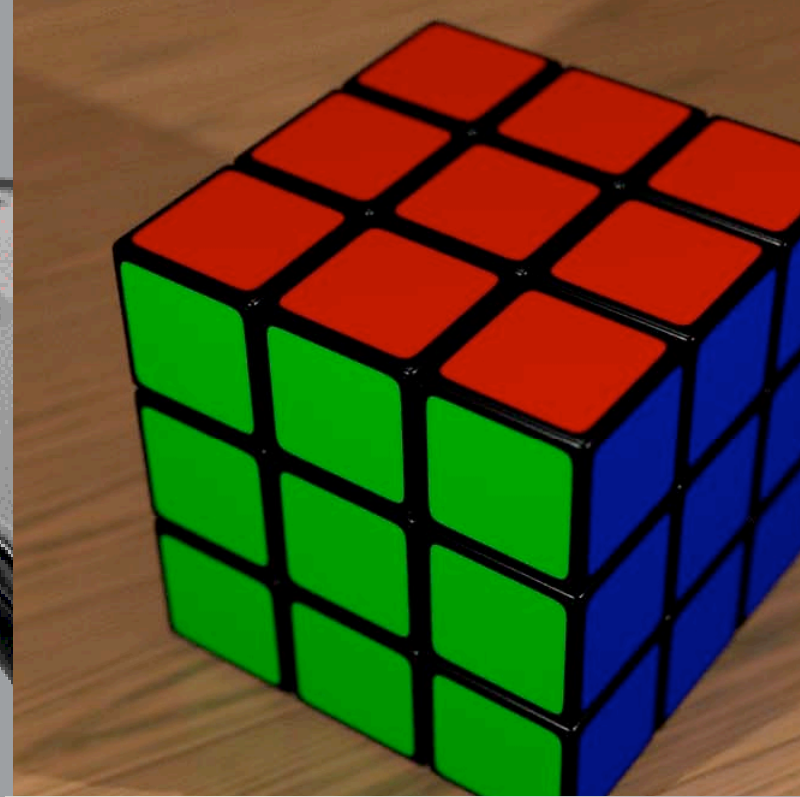
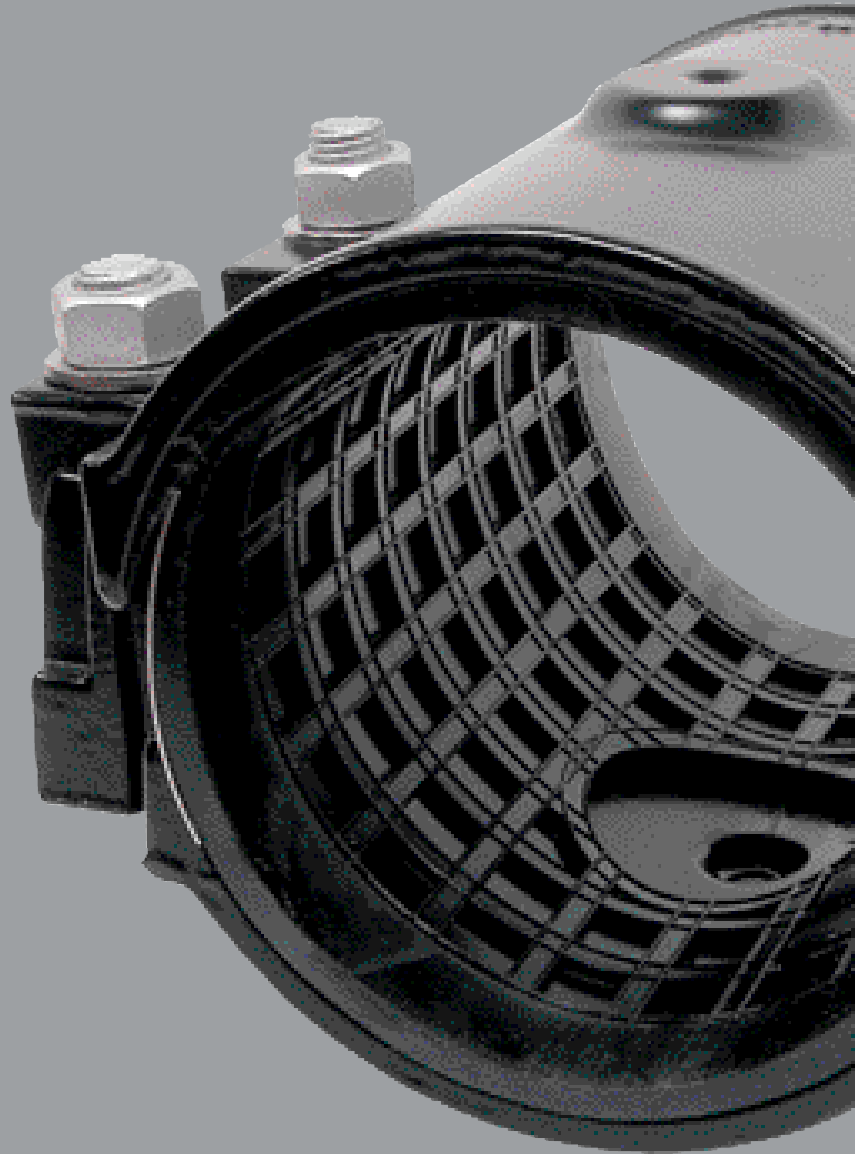
1980's



Western Samoa
Hydro electric scheme Fale Ole Fe'e,
December 1980

1
8
9
1

EasiRange
invented.





1983



Egypt

Water pipelines in
El Arish, Egypt,
1983.

1989

In this year...

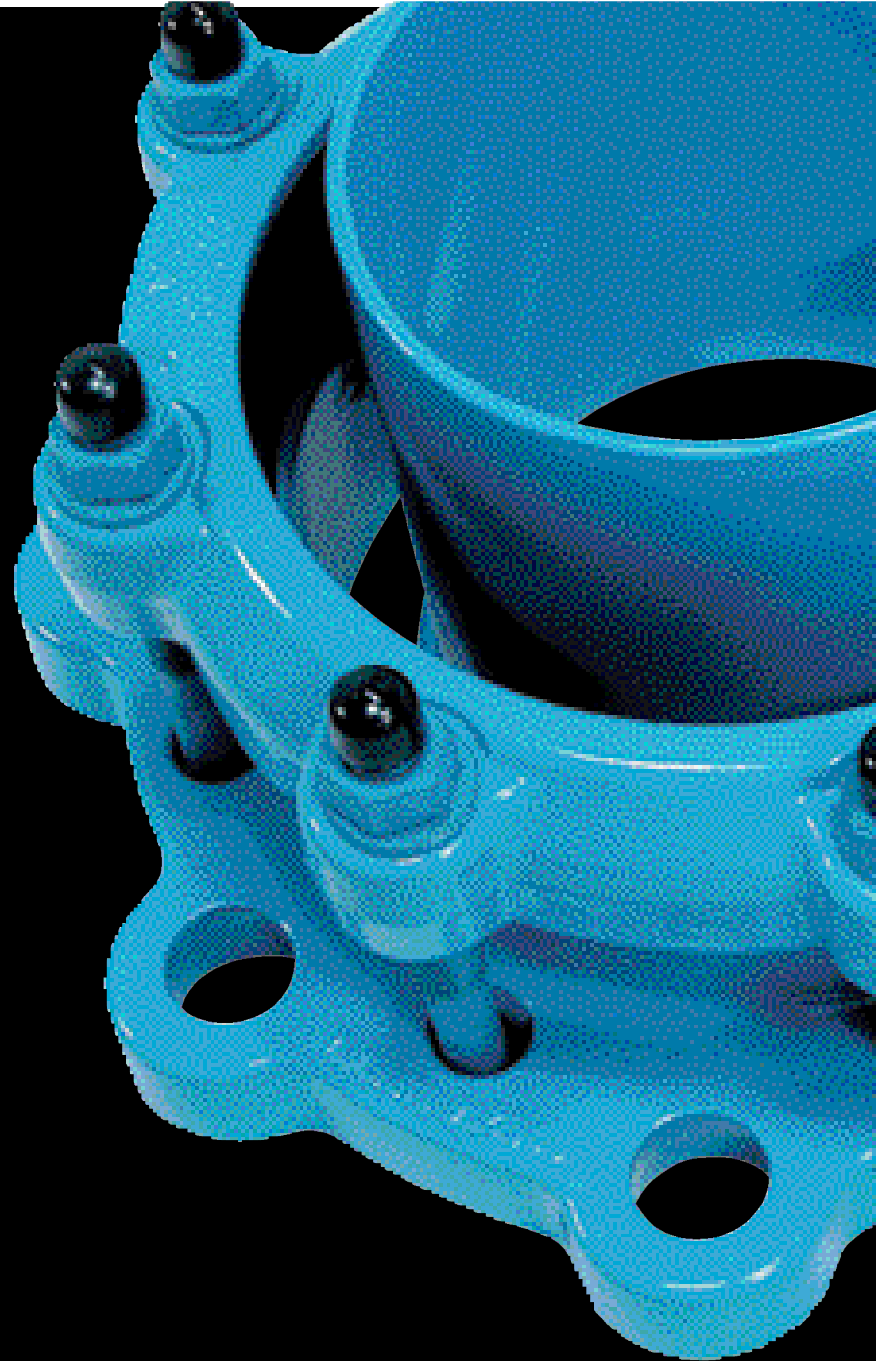
MaxiFit was
invented.



1989

In this year...

AquaGrip was
invented.



In 1998 Viking Johnson invented a clamp for sealing leaks in existing mains that were subjected to movement

The nineties to the present day





Viking Johnson factory
located in Hitchin,
Hertfordshire

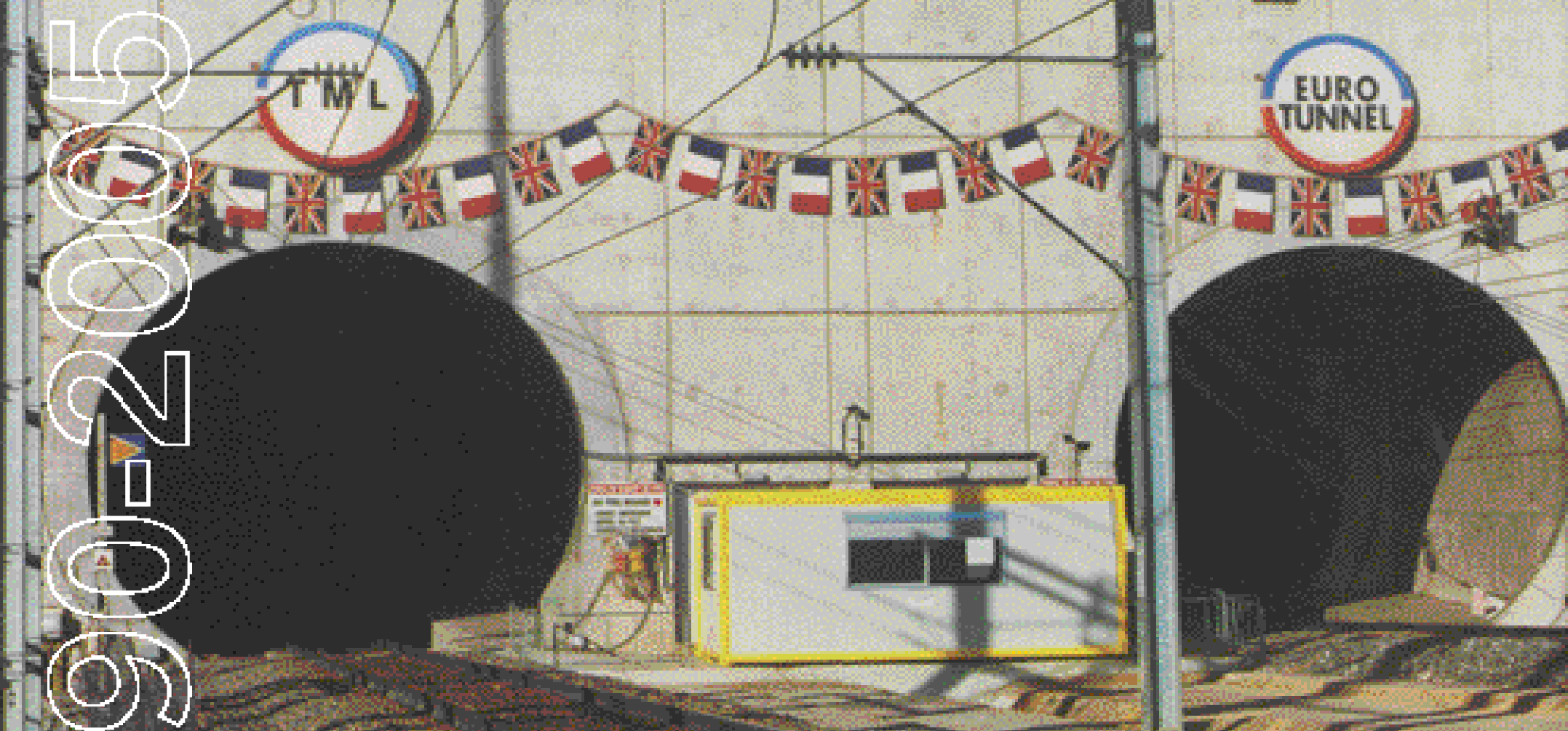
The MAKING of the **CHANNEL TUNNEL**

A NEW CIVIL ENGINEER/TRANSMANCHE LINK PUBLICATION



1990-2005

1990-2005



“ The Tunnel provides a transportation system which is unique in its size and complexity. It has put to the test the ingenuity of Britain’s and France’s finest engineers. They responded magnificently, showing their talent and courage in overcoming physical difficulties and logistical problems of an unprecedented nature. A particular significant achievement has been the construction of the undersea crossover caverns, deep under the bed of the English Channel. ”

John Major, Prime Minister, April 1994

**The London Eye -
the Giant
Observation
Wheel, became
operational in
January 2000.**



1990-2005

In these years...

The World Wide Web/Internet protocol (HTTP) and WWW language (HTML) were created by Tim Berners-Lee.

Microsoft released Windows 95, it consisted of more than 10,000,000 lines of computer code.



2001
UltraGrip



1990-2005



In these years...

Self-cleaning windows
invented by PPG
Industries.

Phone tooth invented
by James Auger and
Jimmy Loizeau.

Virtual keyboard
invented by Canesta
and VKB

1990-2005

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2005
New MaxiFit

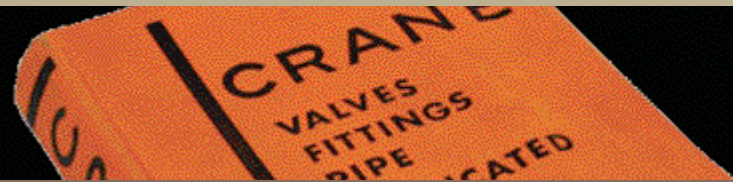
Our Corporate Vision is...

... to be the leading provider of Valves, Fittings and Engineered Products for fluid handling applications in building services and general industrial applications. We aim to be our customers preferred supplier by offering products which provide best value together with a service that exceeds our customers expectations.

Peter Wilson
MD, Crane Fluid Systems



CRANE



150 years of
innovation



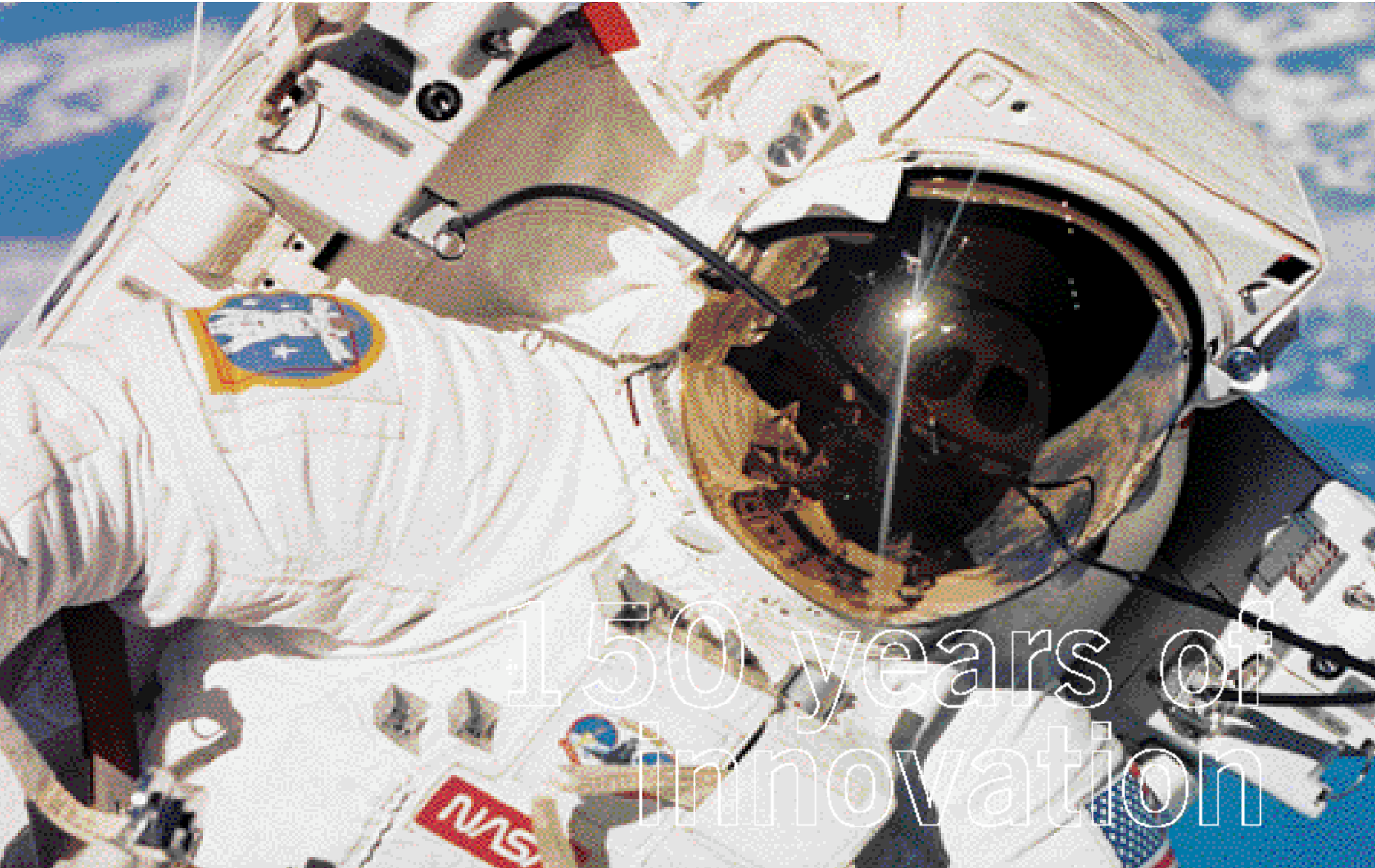
Richard
Teller
Crane

“ I am resolved to conduct my business in the strictest honesty and fairness; to avoid all deception and trickery; to deal fairly with both customers and competitors; to be liberal and just towards employees; and to put my whole mind upon the business.”

Richard Teller Crane
July 4, 1855



1855-2005



150 years of
innovation



Hydro-Aire coolant pumps have operated on control systems in space in such projects as the Lunar Excursion Module and the Apollo program. In 1970, during Apollo 13's flight to the moon, a crippling explosion occurred on board. The coolant pumps were one of the few fully operational elements and maintained module temperatures through to the successful end of the aborted mission.

NASA determined that the pumps' continued operation was so critical that they required a Hydro-Aire support crew connected by telephone to Mission Control 24 hours a day to provide needed engineering support. Today, Crane pumps and electronics are used on Mars.



2005-2005
2005-2005
2005-2005
2005-2005
2005-2005