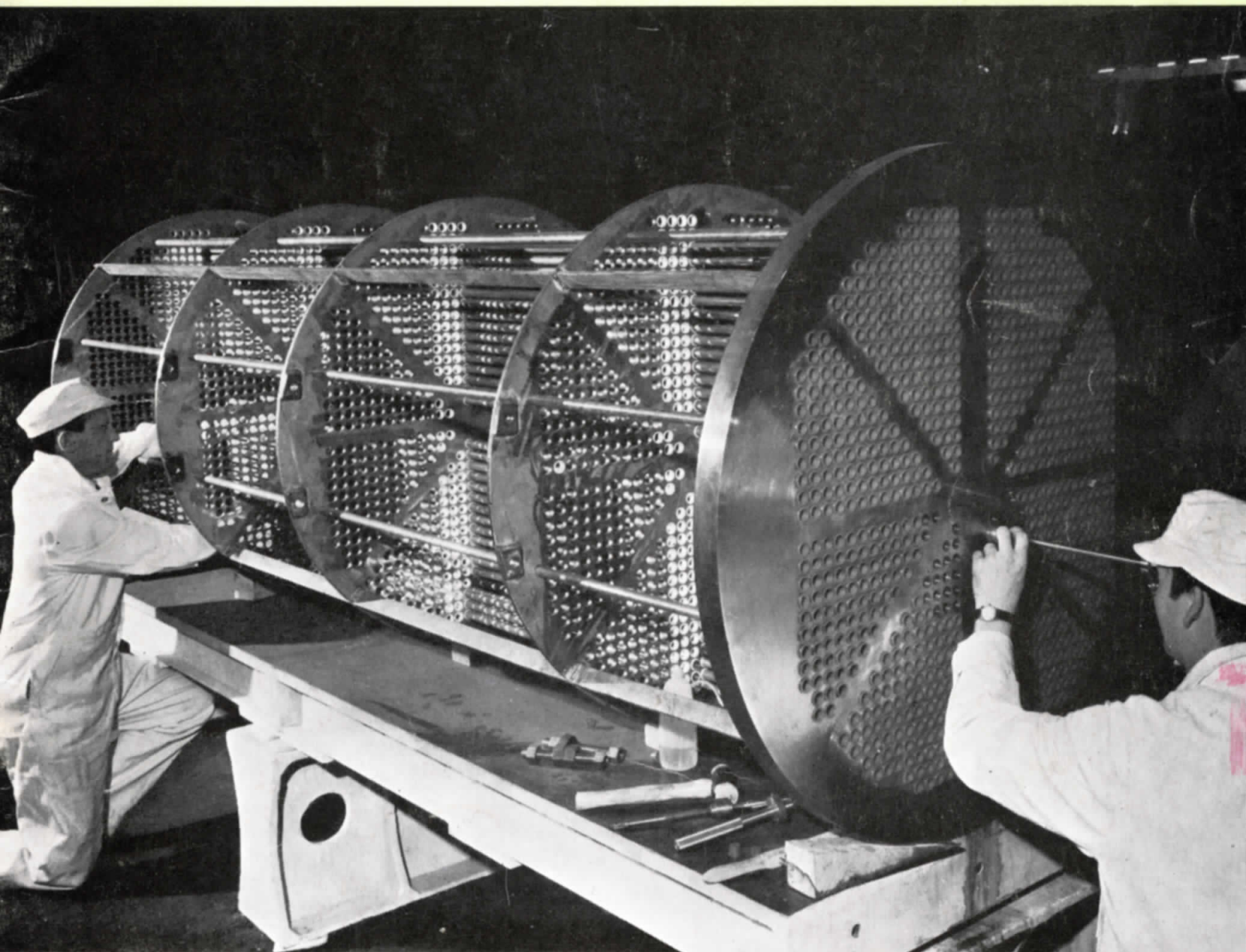


Wright Ahead



THE HEAD WRIGHTSON HOUSE MAGAZINE

Summer 1968



Editorial

“a time for change”

In September a new “visual image” of the Company, a new “House Style”, will be introduced and this journal will conform to it. So the next issue of “Wright Ahead” will appear in a different style, although our content of serious reportage and personal domestic comment will not change.

This will not be to introduce a new spirit but only to express anew the spirit that has been with Head Wrightson a long time. We are in the throes of the longest lasting recession in our home markets that we have known since the war. This casts our mind evermore strongly to markets abroad. The opportunity has been used in all the Companies to cut out wasteful expenditure ; to tighten budgets ; to improve efficiency, and above all to adapt our skills and knowledge to face the new world conditions. Thus we prepare ourselves for the recovery when it comes.

The Company has taken the opportunity to invest in new plant and it has strengthened the administration. New products are being developed but the recovery will involve development of our old ones into new applications and wider markets rather than the restless search for an ephemeral ‘new line’. We have some very good “lines” already. Professionalism in our production and marketing of them is a greater need.

A new visual appearance can only reflect the inner change, it cannot mould it and the change is the reshaping of the long standing Head Wrightson spirit. This has succeeded before and will succeed again.

Front Cover

“Engineering today”

Fabrication of heat exchangers in H.W. Teesdale Ltd.

Inside Front Cover

“Teesdale Works”



Miller Semple, Chief Accountant

This issue of 'Wright Ahead' appears at about the same time as the annual accounts of the Company are sent to the shareholders. The table below shows the results for the year in a form which it is hoped is easily understood.

The preparation of the published accounts is not the only function of the Accounts Department, nor even the most important function, although it tends to dominate the minds of the staff following the Company's financial year end on 31st January. Much more important is the continuing service which the accounting staff at Yarm and in the operating companies gives throughout the year, providing to management at all levels a flow of information which is accurate and as up-to-date as possible.

The accounting function in any organisation is often considered merely as a group of "figure-merchants" who are not quite in touch with reality, and in particular

with the day to day shop-floor and drawing office problems of running a company. This is quite wrong. Decisions taken at all levels involve the expenditure or saving of money and, where various alternatives have to be considered, the only common factor, in many cases, is £ s d. Therefore it is important that information be prepared quickly and accurately and transmitted to the people who need it as soon as possible. Without this information, a manager is like a tradesman without his tools and continuing efforts are being made to improve and speed up the flow of information.

To assist in this effort, an I.C.T. 1901A computer will be installed in the Accounts Department at the Friarage in June, 1969. We will transfer to it initially the work presently being done on the existing mechanical equipment, i.e. payroll preparation, labour cost analysis and suppliers' and customers' accounts. Thereafter the make-up of gross pay and cost and work-in-progress records will be progressively put on the computer. This is a very exciting project and commends itself, even in difficult times, in exactly the same way as the installation of a sophisticated machine tool would do in a machine shop.

We would like to think that the installation of a computer will relieve us of work, but unfortunately life (accounting-wise) gets more complicated every day. Each year the tax laws are changed and also the rules for Investment Grants, Selective Employment Tax, Industrial Training Grants, and a multitude of other regulations. Each change involves a change in the accounting records and in many cases a demand for new information as new decisions have to be taken in the light of the changing conditions. Our problem is therefore not so much in reducing the amount of work which we do, as in keeping up to date with the increasing demands on the department.

Demands are not likely to grow less in the future but we are conscious of the need to improve the service which the accounting departments provide and hope that a future 'Wright Ahead' will show the Chief Accountant in front of a shining new computer installation which is providing instantaneous answers!

Where the money went in 1967-68

Our customers have paid or will pay for work done during the year to the value of	£17,227,000
To carry out this work, we have had to spend on materials and services	11,644,000
	<hr/> 5,583,000
Payments to or on behalf of employees were as follows :-	
Wages and Salaries	£5,071,000
Employees' benefits	395,000
	<hr/> 5,466,000
leaving	117,000
Various other items resulted in additional net income of	158,000
	<hr/> 275,000
giving a profit before depreciation and tax of	
But it was necessary to set aside for the replacement of buildings, plant and machinery the sum of	£354,000
and to pay tax on overseas profit of	26,000
	<hr/> 380,000
In addition a small dividend was paid to the shareholders, which cost	223,000
	<hr/> 603,000
thus our outgoings exceeded our income for the year and we incurred a loss of	£328,000

Bulky transportation problems solved

Boom sections of the huge container handling cranes fabricated by H.W. Teesdale for Paceco-Vickers, being loaded at Middlesbrough Docks for shipment to Newport, Mon. With a wide area of deck space the little ship "Pieter Winsemius" can carry a big cargo. A repeat order for delivery to Waterford, Eire is in final stages of fabrication at Teesdale Works. The crane girders are of 12 inch tubular steel construction and the main boom is 24 ft. wide by 14 ft. high. The overall length is 264 ft. and weighs 250 tons.



One of a pair of dock gates for the Herculeum Dock of Mersey Dock and Harbour Board being launched into the River Tees at Teesdale Works.

IN PRAISE OF KIRUNA PELLETS

The following is an extract of a recent letter received from the President of L.K.A.B. concerning the H.W. pelletising plant at Kiruna.

"It is a pleasure to give you a few pieces of information about the present situation in the Kiruna Pellets Plant. The plant now operates well over its rated capacity, the quality of the finished product is good and as we can see not surpassed by any other pelletising plant."

FOR READERS INFORMATION

The Kiruna plant is located 140 miles inside the Arctic Circle. An article by John Lander, H.W. Process Engineering — Thornaby, appeared in last Summer's *Wright Ahead*. In this John compared the building of the Kiruna plant in Arctic conditions to the building of a similar plant for Montecatini at Follonica, Italy.

Nuclear engineering

British nuclear power stations

Since the earliest days of the development of atomic energy the Company has had extensive involvement over a wide field of nuclear engineering, and has played a significant part in the whole programme for nuclear power in the United Kingdom — from research reactors for Harwell to the latest advanced gas-cooled-reactor nuclear power stations.

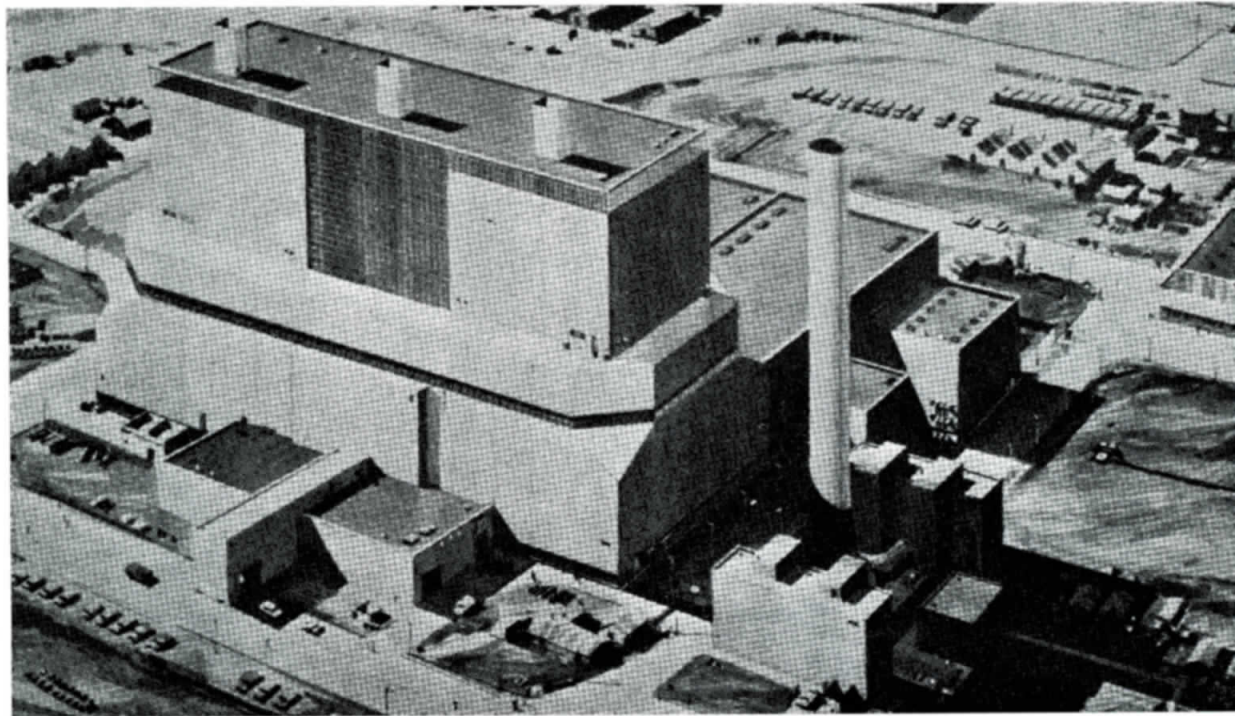
The Company, a member of The Nuclear Power Group Limited has been involved in the design and supply of major components for no less than five British nuclear power stations.

- Bradwell, Essex, 300 MW ; on power 1962.
- Dungeness 'A', Kent, 550 MW ; on power 1965.
- Oldbury, Gloucester, 600 MW ; on power 1967.
- Hinkley Point 'B' (A.G.R.), Somerset, 1250 MW ; scheduled to be on power in 1972.
- Hunterston 'B' (A.G.R.), Ayrshire, 1250 MW ; scheduled to be on power in 1973.

The combined generating capacity of the above stations total 3950 megawatts of electricity which will account for over 40% of the U.K. nuclear power capacity by 1973.

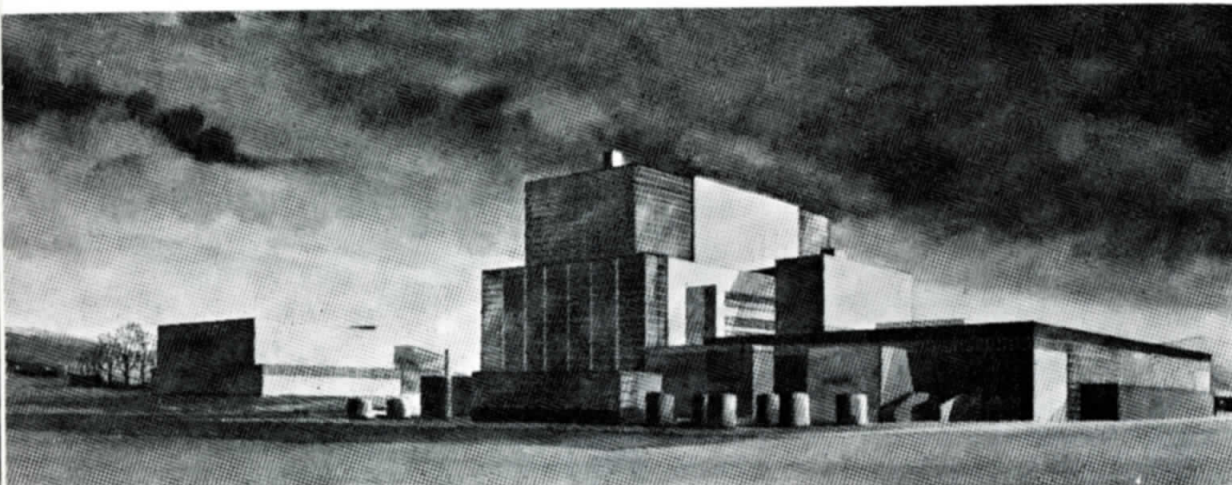
Hinkley
Point B

1250 MW
on power 1972

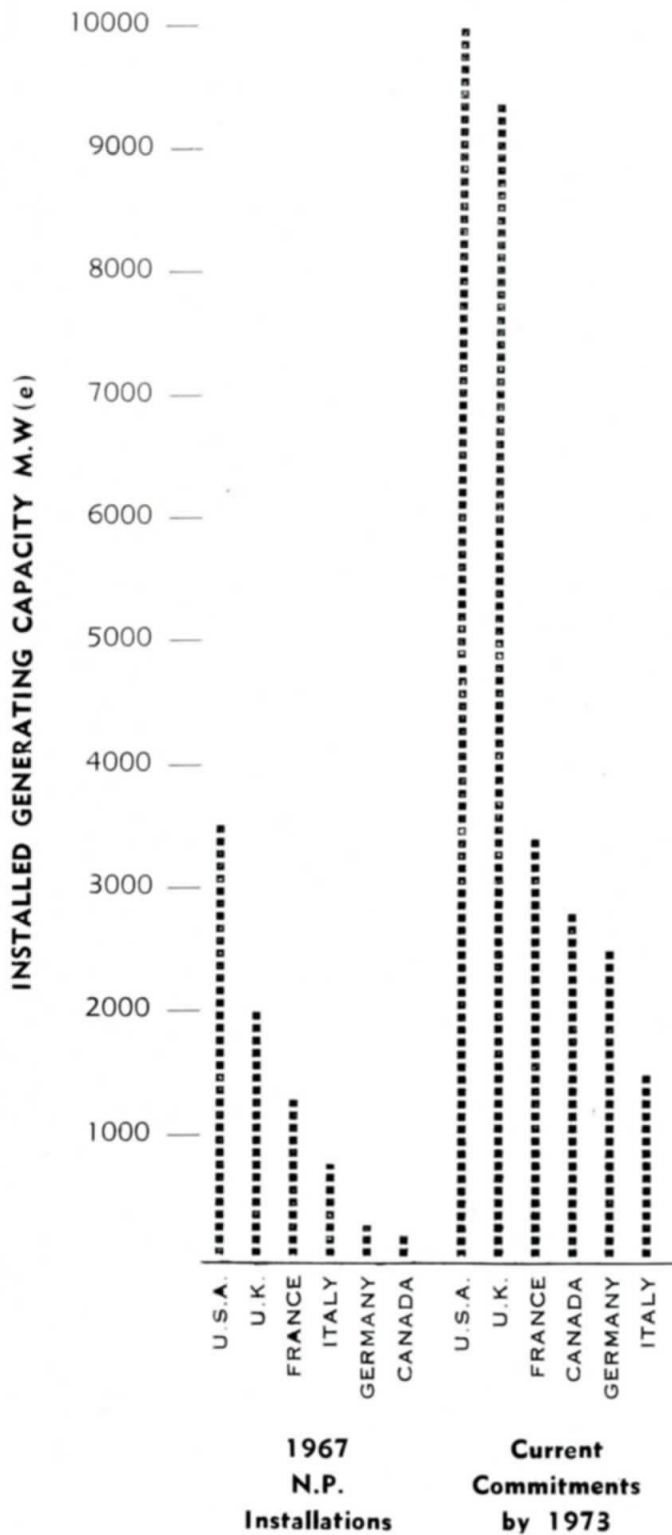


Hunterston B

1250 MW
on power 1973



Nuclear power in the six leading countries



Main Board appointments

On the 2nd May 1968, Mr. John Eccles was appointed Managing Director of Head Wrightson & Co. Ltd. and Chairman of all U.K. Subsidiary Company Boards.



Mr. John Eccles

Mr. James Iveson, Company Secretary and Mr. W. H. Adams, Managing Director of Head Wrightson Process Engineering Ltd. were appointed main Board Directors with effect from May 7th 1968.



Mr. James Iveson



Mr. W. H. Adams

Captain James Cook

There can be no doubt that the most famous son of the north to be born within the boundaries of what is now Teesside, was Captain James Cook. A great urn on the lawn in Stewarts Park commemorates the site of the day-labourers cottage in which he first saw the light of day on October 27th, 1728. So important is his memory in Australia that the family cottage was dismantled stone by stone in 1928 and re-erected as a permanent memorial in a public park in Sydney. How could he know that Teesside was to send Dorman Long engineers to bridge the mighty Sydney Harbour and Head Wrightson to make our own enormous contribution to Australian Industry and in particular to the new steelworks at Whyalla and Kwinana.

Had he known he would have approved, because it was his habit to "think big". After attending the small charity school at Great Ayton which still stands today as a Cook Museum he was apprenticed to a haberdasher at Staithes only to run away from it all to sea in a small ship out of Whitby. He quickly made progress in the merchant service as a navigator and acquiring the experience of command he successfully applied for a commission in the Royal Navy.

Thus began his long adventurous voyages charting distant oceans. In his early days he sought the legendary North West Passage and commanded the dis-embarkation in support of General Wolfe when they stormed the Heights of Abraham to take Canada for Great Britain. In 1768 he was commissioned to explore the South Seas in search of a reputed unknown Continent

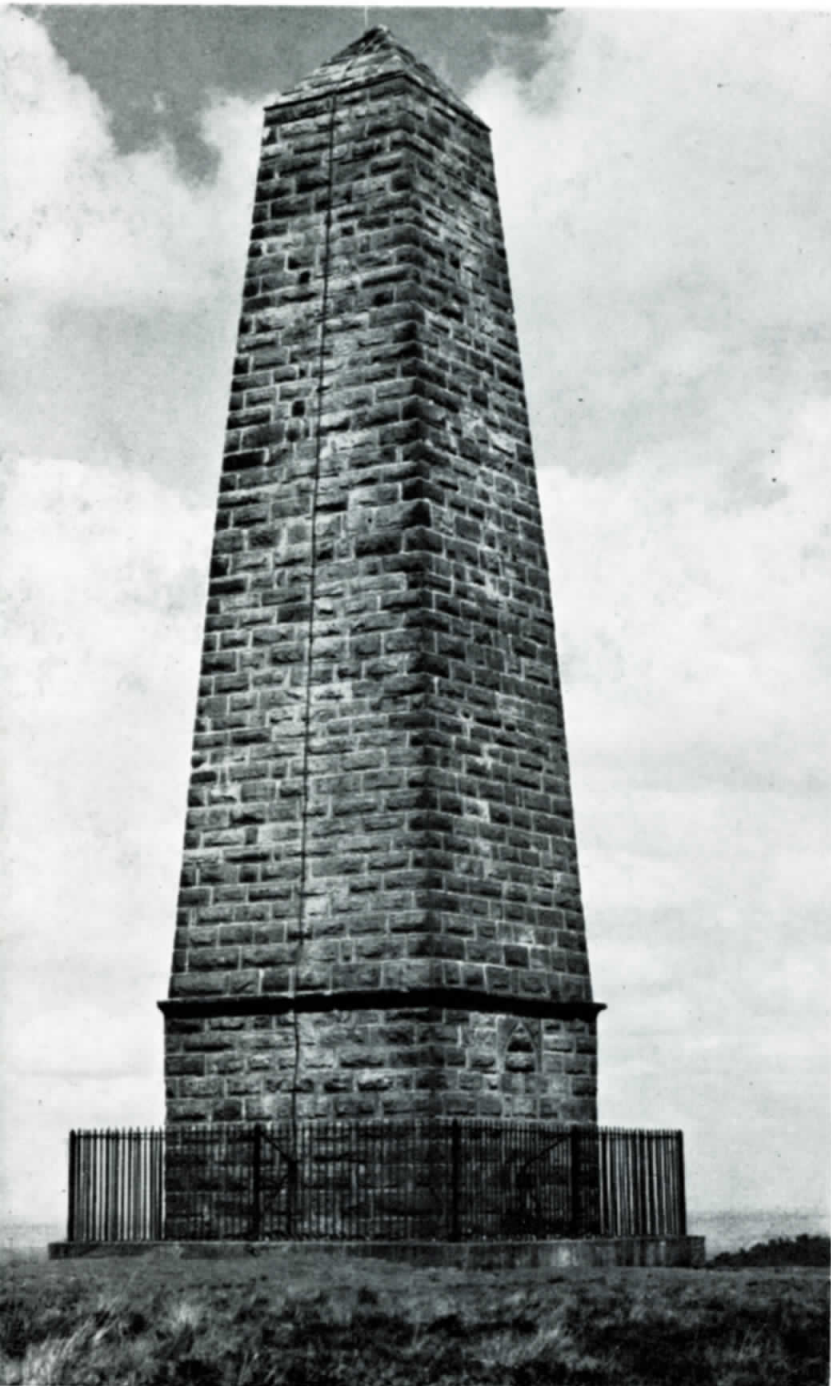
and to make astronomical observations of Venus in eclipse. He found New Zealand, sailed round both islands and annexed them to the British Crown. From there he made the first landing in Australia at Botany Bay. His geographical, navigational and botanical reports were all of major historical importance. He was a tough but considerate captain and established the cause of scurvy at sea which he saw to be the lack of fresh vegetables. He gave lime juice to his crew as a substitute and the British Matelot is known even today to American seamen as a "Limey".

He examined and charted great areas of the South Seas and it is unfortunate that his sailors introduced diseases into the secluded lives of the island populations. He was a commanding figure amongst the natives but in 1779 they struck him down in the shallow water of the bay in Hawaii where a commemorative stone lies today gently lapped by the water of the Pacific Ocean which he did so much to probe. All that his crew could recover of his body was buried formally at sea.

No real trace of him remains today on Teesside except the entry in the birth record of Marton Parish Church but the Cleveland countryside very properly is dominated by "the Monument" high up above Ayton which is his local memorial. His widow who lived to be 93 and three of his sons, two of whom followed him as Royal Navy Officers, are buried in Old St. Andrews Church in Cambridge. It is well that his massive contribution to his country and the world should be remembered with pride by those who share his birth-place.



Cook's school at Great Ayton. The tablet on the school wall was erected in 1914 by The Capt. Cook National Memorial Committee formed under the auspices of The British Empire League.



Capt. Cook's Monument standing high on the Cleveland Hills overlooking Ayton. The obelisk was erected to his memory by an admirer in 1827.

*"A man in nautical knowledge inferior to none
In Zeal, Prudence and Energy superior to most"*

The granite vase in Stewarts Park commemorating the site of the cottage in which James Cook was born



THIS GRANITE VASE
WAS ERRECTED BY
H. W. F. BOLCKOW
OF HERTON HALL MDCCC
TO MARK THE SITE
OF THE COTTAGE IN WHICH
CAPTAIN JAMES COOK
THE WORLD CIRCUMNAVIGATOR
WAS BORN OCT. 27TH 1728

Head Wrightson Employees' Council



Mr. T. H. Stayman



Mr. J. Hunter

Chairman Mr. T. H. Stayman
Vice-Chairman Mr. J. Hunter
Secretary Mrs. D. L. Lonsdale
Finance Mr. S. Bates

Council members

Management

H.W. & Company Limited

W. Hutchinson (to be appointed)
 Research & Development Division
 A. Vickerson J. Foulger

H.W. Iron Foundries Limited

A. J. Reed T. Clamp

H.W. Machine Company Limited

P. Llewellyn M. Fox

H.W. Process Engineering Limited

H. Welford R. Williams

H.W. Stampings Limited

C. A. Corner E. Howard

H.W. Steel Foundries Limited

G. Paterson D. H. McConnell

H.W. Stockton Limited

A. Snaith E. Chicken

H.W. Teesdale Limited

Machine Shop

R. Purnell J. Hunter

Bridge Yard

G. D. Cain T. H. Harper

T.U. Representation

A. L. Reed G. Doidge
 J. H. Doran H. Marshall

Social & Athletic Section

S. Bates P. Mitchell
 G. Gowthorp E. Boyd

Its formation

During the second World War — in accordance with Government policy — a Production Committee was formed in the Company and operated until the termination of hostilities.

The terms of reference of this Committee — which had as its members, a Chairman and equal numbers of employee and management representatives, was the increase of production of goods and materials for the armed forces.

At the end of the war, the Chairman of the Company, Sir Guy Wrightson, and the Vice Chairman, Mr. Richard Miles, aware of the need for closer relations between management and employees and the benefits to both sides from joint consultation, began to consider means of maintaining the relationship created during the war period.

Finally, it was decided to set up the organisation which is now known as the Employees' Council. They also decided to include, welfare activities (which were covered at that time by several welfare committees in various subsidiary companies) and the Social and Athletic Section.

All these sections had funds which had been raised by contributions from interested employees, aided by grants from the Company. It was agreed that all such funds should be transferred to the credit of the Council by vesting them in the care of Trustees, elected by the Council and approved by the President of the Council. It was also decided to seek, by ballot, the approval of employees to augment these funds by a per capita contribution each week from the employees throughout the combine on Tees-side. These contributions would be deducted from wages and salaries. A Finance Committee would be formed from members of the Employees' Council. This Committee would consist of two management representatives, two employee representatives and a Chairman. The funds of the Council would be administered by this committee, in accordance with budgets for all expenditure, which had been previously approved by the Council. The chief expenditure would be in accordance with past practice, for the maintenance of the sports sections, their playing areas, etc. and the continuance of payments of benefits to people absent through sickness and accident, provision of pensioners' outings and child-



Mrs. D. L. Lonsdale



Mr. S. Bates



Mr. P. Mitchell



Mr. G. Doidge



Mr. G. Cain

ren's treats. Block contributions would be made to various charities, which had been supported in the past, a Social and Athletic Committee and a Welfare Committee were to be formed from Council and other interested employees.

The main controlling committee would be the Employees' Council, which would consist of members appointed by the various divisional Councils, which it was proposed should be established. Employee representatives would be elected by their fellow workers and election of members would take place annually. Trades Union rights would be protected by the appointment of a shop steward selected by his fellow shop stewards in the Division concerned. This member would be responsible for seeing that any business which related purely to subjects for T.U. negotiation, would be barred from discussions.

The first meeting of the Employees' Council was held in October 1948. It was agreed that before an official constitution was drawn up, operations would continue on the framework outlined above. Divisional Councils would meet monthly as would the Social and Athletic Committee, Welfare and Finance meetings would be held quarterly, preceding the meeting of the Employees'

Council in February, May, August and November each year.

A constitution for the Council was first drawn up in 1954. A revised edition was produced in 1962.

All members of Employees' and Divisional Council are in possession of a current copy of the Constitution, which is available for consultation by employees.

The following will be recalled as the main architects of the Employees' Council Scheme :-
President—Mr. Richard Miles. Mr. F. Shepherd—Chairman (Deceased); Mr. G. Renwick—Vice-Chairman (Deceased); Mr. P. C. K. Corney—Chairman of Finance Committee; Mr. R. N. Allison—Member of Finance Committee (Retired); Mr. J. G. Allen—Member of the Finance Committee (Deceased); Mr. A. D. Muir—Member of Finance Committee (Deceased); Mr. J. W. Wardell—Chairman of Welfare Committee (Retired); Mrs. D. L. Lonsdale—Secretary.

Over the twenty years since the inception of the scheme—changes have been many but able replacements have also been found to carry on the excellent tradition of these founder members and to improve upon the benefits originally provided.

Young outlook

MOULDING FOR THE FUTURE

During the last few years the Foundry Industry has increased its attention to the further provision of education and training facilities to attract more young people into the industry, and to make the most efficient use of them by specialised instruction at each stage of the training programme.

With this object in mind the Company has extended the Engineering Training Centres to include a new Foundry Training School. The present premises, of a temporary nature, have a capacity for instructing seven boys in foundry practice. Most of the equipment has been donated by our steel and iron foundries or manufactured by the first year apprentices in the Engineering School.

The apprentices follow a forty-eight week syllabus instructed by Mr. John Finn. Practical work dominates the course with sufficient theory to explain the instruction given. Visits to the foundries, laboratories and pattern shops are also an integrated part of the course. This new pattern of training is laying the foundation for a new generation of foundrymen capable of meeting the needs of a modern progressive industry.

When permanent premises become available, additional foundry courses will be instituted to utilise the increased capacity and expand the scope of training. Foundry appreciation courses will be arranged for apprentice and student engineers and draughtsmen. On the foundry technicians level, it is proposed that a course will be provided for teaching loose pattern moulding and other foundry techniques.

FOUNDRY AWARDS

Head Wrightson Steel Foundry once again provided the winner of the Institute of British Foundrymen — "Steel Moulding Competition" for the sixth consecutive year.

Brian Chapman, Foundry Technician in his first year in the Foundry following twelve months in the Apprentice School produced a first class casting to win this keenly sought award. He also obtained second place and an award in the written paper competition.

Jim Innocent, apprentice moulder, obtained joint third position.

David L. James, won a top award in the students' class of a national competition organised by the Council of Iron Foundry Associations and the Foundry Trade Journal. David recently attended the National Foundry College at Wolverhampton and is now a Foundry Technician with H.W. Steel Foundries Ltd.

TRAINING FOR DRAUGHTSMEN

Technical trainees spend the first year of their employment in the Training Centre. The first nine months being devoted to workshop practice and the last three months being spent in the newly formed Drawing Office.

Here selected Technician trainees receive the basic training in Drawing Office procedures, acquiring:-

- (a) An appreciation of the problem of communicating the function, size and shape of three-dimensional objects.
- (b) An appreciation of the role of engineering drawing in industry.
- (c) An ability in draughting techniques which combined with knowledge of materials and manufacturing processes, enable the trainee to interpret engineering drawings and to produce a reasonable drawing or sketch.
- (b) An understanding of other drawing office duties, e.g. cost considerations, estimating, material listing etc.

Throughout the training period emphasis is placed upon the "why" rather than the "how", the intention being to develop the trainee's understanding of engineering drawings as a communication device.

BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING

At a 'Presentation of Degree' ceremony held by Constantine College, twelve of the twenty six Honours Degree recipients were H.W. trainees.

Alan Bowland	H.W. Headquarters
Geoffrey Burns	H.W. Steel Foundries
Stanley Crowe	H.W. Teesdale
Bryan Dickerson	H.W. Process Engineering
Barry Featherstone	H.W. Research & Development
Peter Hodgson	H.W. Machine
John Hughes	H.W. Teesdale
David James	H.W. Teesdale
Malcolm Kee	H.W. Machine
Raymond Kelly	H.W. Machine
John Pitchford	H.W. Machine
Peter Wadsworth	H.W. Stockton

Robert Gordon has been recommended for the 1968 Starratt (Precision Tool Company) Annual Award.

Starratt's award a very limited number of inscribed micrometers to trainees who are following a first year engineering course at a Technical College or Work's School, and who attain a high standard of performance in mechanical skills.

Keith Sturdy — Apprentice Die Sinker, H.W. Stampings, won this award last year when in the Training School.

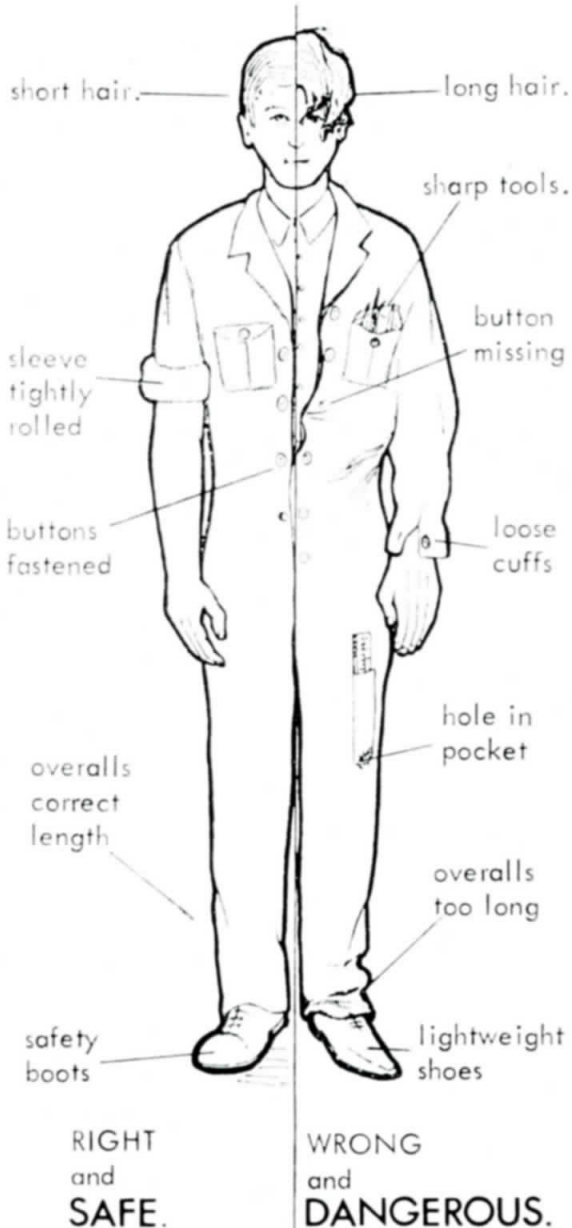
MECHANICAL HANDLING ENGINEERS ASSOCIATION EDUCATION PRIZE SCHEME

Eleven Head Wrightson students have been awarded prizes under the above Scheme for their success in National Examinations.

Name	Company	Examination
Kenneth Bell	Research & Development	B.Sc. Hons Degree (Mech)
Mark Taylor	H.W. Teesdale	Higher National Certificate (Mech)
Stuart Winnard	H.W. Teesdale	City & Guilds full Tech. Certificate
John Ayton	H.W. Machine	City & Guilds Final Certificate
Christopher Barnard	H.W. Teesdale	City & Guilds Final Certificate
Brian Bates	H.W. Stampings	City & Guilds Final Certificate
Arthur Binns	H.W. Teesdale	City & Guilds Final Certificate
Alan Crowe	H.W. Steel Foundries	City & Guilds Final Certificate
Alan Humble	H.W. Steel Foundries	City & Guilds Final Certificate
Harry Stewart	H.W. Stockton	City & Guilds Final Certificate
Christopher Morris	H.W. Stockton	Ordinary National Certificate (Mech)

TOP GEAR

For work, nothing in the latest fashions beats the one-piece overall or boilersuit as the best wear for young men training to be craftsmen or technicians. But the outfit still needs to be smart. The Engineering Training Board is telling its industry that their youngsters should have clothing in good condition, keep buttons fastened, not wear ties or scarves, not wear loose bandages or rings or watches, keep hair short or under a cap, and have protective footwear, all in the interests of safety. Some of the sound advice in the 14 pages devoted to accident prevention in the manual prepared by the Board for instructors of first year craftsmen and technicians is summed up in the drawing.



COATING

STEEL SHEET AND STRIP

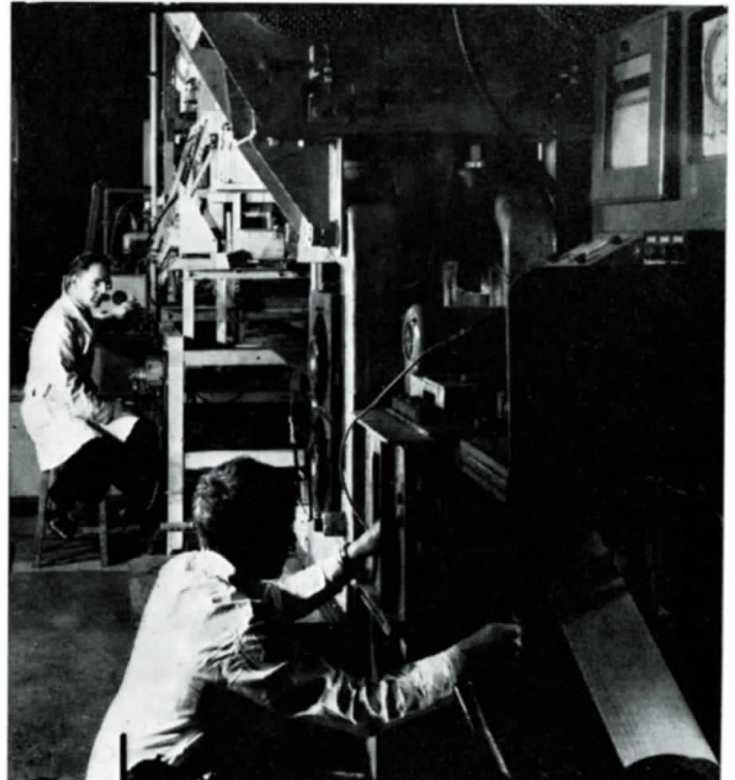
Beer cans, dustbins, motor car bodies, domestic furniture including kitchen equipment; all are products of coated steel sheet and strip. While mild steel has strength, cheapness and ease of fabrication it suffers from a common disease—corrosion. Give it a thin coating of another more expensive metal or paint or plastic and the result is a cheap composite material combining the strength of steel with corrosion resistance and the added attraction of giving a more appealing finished appearance.

Various applications of continuously coated steel have been developed over the past five years by R. & D. in liaison with H.W. Machine Company to enable us to design and build full scale plants.

A general purpose test rig facility was built in the Laboratories for the development of coating steel strip with paints, and plastics as well as aluminium and chromium by continuous and uniform application.

In the case of chromium coating ("Chromising") the coiled material is given a special chemical and furnacing treatment developed by Associated Chemical Companies, with whom we are closely associated. Chromised material has all the corrosion and oxidation resistance qualities attributed to stainless steel with the major advantage of being produced at a fraction of the cost of stainless steel.

Considerable interest in the chromising process is being shown by a number of companies at home and abroad. Licence arrangements covering both the A.C.C. chromising process and the H.W. powder coating process have been signed or are in final stages of negotiation with National Steel Corporation of U.S.A. and also John Summers and Sons Limited of Shotton. These agreements will result in The H.W. Machine Co. Ltd. building the plants or receiving royalties for the use of the H.W. patented processes and equipment.



Strip Coating test rig in R. & D. Laboratories

Musical champions

Those who follow the fortunes of the H.W. Works Band will long have been accustomed to the excellence of its playing, the breadth and variety of its repertoire and its long record of successes in festivals and competitions. But this year has been a particularly successful one for the band. On Saturday, 9th March, they competed in the Northern Regional Qualifying Finals of the National Brass Band Championships of Great Britain. This qualifying final is organized in four sections, rather like the Football League, and H.W., playing in the Top Division, the Championship Section, were competing against some of the best bands in the North East, including several famous colliery bands. H.W. were drawn to play first — always a big handicap on these occasions — but after a close contest they were placed third in order of merit, and so qualified to compete in the National Final of the Brass Band Championships of Great Britain to be held at the Albert Hall, London, on Saturday, 12th October, 1968.

The band have had four previous visits to London to play in the Championships, the last one in 1961, but on those occasions they were competing in the Second Division section. This will be their first appearance in the Championship Section Final.

H.W. Works Band was first formed in 1946 and the present bandmaster, Mr. Clifford Midgeley, took over in 1952. They soon began to make their mark and rose steadily through the League until in 1961 they won the Daily Herald Northern Area Championship and were promoted to the Championship Section.

In addition to a regular round of local concerts, the band have given several broadcast performances on B.B.C. radio, and some eighteen months ago were featured on television in the musical series "These Happy Sounds" broadcast by Tyne Tees Television.

The band now numbers some twenty-four performers, and an encouraging sign is the number of young bandmen. Four of the bands players are under 21. Many of them are proficient performers on two or more instruments: Jack Burton, a driller at The H.W. Machine Company and Secretary of the Band, recently transferred his affections from tenor horn to the cornet. Individual mentions are perhaps out of place but the virtuosity of the band's trombone section has been acknowledged for many years, and as a trombone quartette they have won many competitions in their own right.

Variety has always added spice to the band's performance: many of its programmes are drawn from light opera, popular musicals, an occasional 'pop' number, and even jazz classics like 'Tiger Rag'. But they are equally at home with more serious material: the test piece in the recent Northern finals was Beethoven's 8th Symphony.

The band are now eagerly waiting to know the title of the test piece for the National Finals in October. This will be announced on 16th August, leaving just eight weeks for intensive rehearsals.

Whatever the outcome *Wright Ahead* sends its congratulations to the Band on having progressed so far — and best of luck for 12th October at the Albert Hall!

WORKS BAND CONCERT DIARY

July 24th Congregational Church, Thornaby
August 4th Guisborough Park

More champions

A CHAMPION MARKSMAN



Trevor Norman, H.W. Stampings Estimating Department with some of his trophies. Trevor, a member of Hartlepool Rifle Club, is Champion for Durham.

THREE DIMENSIONAL CHAMPIONS

Jim Milnes, H.W. Teesdale Purchasing Department is a keen amateur photographer specialising in colour stereo pictures, and a Founder Member and past Chairman of the 200 strong group known as The Third Dimension Society. Jim recently won the Society's major award "The Marathon Trophy" which is presented annually for the highest aggregate marks achieved in twelve competitions.

Alan Holmes, H.W. Teesdale Bridge Yard, was joint winner of the Society's "Lawlace Bowl" which is awarded to the member gaining the highest marks in six monthly competitions.

DEFENDING CHAMPIONS RETAIN TITLE

Ten years ago it was reported in *Wright Ahead* that Chas. Thompson's "Greenhouse Squad" had been thrashed 7 nil at darts by Arthur Phipps "Dryer Men". After a long period of carefully selecting and training new men for his team, the "Greenhouse Squad" issued another challenge at, of all things, GOLF. The defending champions willingly accepted and the match took place on May 17th. Alas and alack, after a bitter struggle by the "Greenhouse Squad", the "Dryer Men" were again the victors.

Following the tournament refreshments were provided at a nearby tavern, where Chas. and one of his followers were brave enough to challenge the "Dryer Men" at darts. Sad to relate the "Greenhouse Squad" were beaten once more and at closing time, just as he disappeared from sight, Chas. was heard to say "Wait till next time, just wait" — and the moral of this story "People who build glasshouses shouldn't throw down gauntlets".

FOOTBALL CHAMPIONS

H.W. Stampings A.F.C. won the South East Durham Sunday League, Division One Shield and were runners-up for the Wilfred Judo Memorial Cup.

November Salvation Army, Middlesbrough Central
November Salvation Army, North Ormesby
November Salvation Army, Hartlepool

Long service awards



On the 7th May the Chairman, Sir John Wrightson presented awards to the following long service personnel. The photograph shows Sir John talking to the six "50 year" recipients.

50 YEARS

Head Wrightson Steel Foundries Ltd.

A. Thomas, Stockton Foundry.

Head Wrightson Stockton Ltd.

W. Wales, Bridge Yard.

Head Wrightson Teesdale Ltd.

A. E. Christon, Bridge Yard.

J. Clasper, Planning Department.

F. R. Gray, Bridge Yard.

W. G. Hall, Planning Department.

40 YEARS

Head Wrightson & Company Ltd.

V. Beeston, Research & Development.

Head Wrightson Process Engineering Ltd.

T. H. Hall, Contracts. (Sheffield)

Head Wrightson Stampings Ltd.

B. Bashford, Planning and Progress.

C. W. Osman, Forgings.

R. Pearson, Planning and Progress.

Head Wrightson Steel Foundries Ltd.

T. W. Heslop, Moulding Shop.

T. W. Hodgson, Dressing Yard.

E. W. Hogarth, Foundry Shop.

E. Littlefair, Pattern Shop.

H. W. Smith, Moulding Shop.

G. F. Wright, Metallurgical Department.

Head Wrightson Stockton Ltd.

W. H. Armstrong, Bridge Yard.

E. Atkinson, Drawing Office.

O. E. Colling, Planning Department.

E. Daghish, Fitting Shop.

R. A. Dale, Contracts.

J. Sheldon, Bridge Yard.

J. B. A. Suttill, Estimating.

R. C. Thompson, Drawing Office.

C. B. Walker, Fitting Shop.

Head Wrightson Teesdale Ltd.

R. R. Allison, Erection Department.

J. Banning, Drawing Office.

F. Dryden, Bridge Yard.

A. H. Green, Bridge Yard.

C. Helm, Bridge Yard.

G. W. Murray, Planning Department.

Personal

BIRTHS — congratulations

R. & D. Division

Mr. & Mrs. D. Mitchinson — a daughter, Deborah.

H.W. Machine

Mr. & Mrs. T. Carroll — a son, Damian Peter.

Mr. & Mrs. J. Dale — a son, Alan John.

Mr. & Mrs. D. Mankin — a son, Simon Timothy.

Mr. & Mrs. B. Sharp — a son, Nigel.

H.W. Process Engineering — London

Mr. & Mrs. J. Imlah — a son, John Paul Fox.

Mr. & Mrs. J. Mangora — a daughter, Tina.

H.W. Stampings

Mr. & Mrs. C. Addison — a daughter, Rachael Elizabeth.

Mr. & Mrs. B. Burton — a daughter, Nicola Jane.

Mr. & Mrs. D. R. Evans — a daughter, Jane Tida.

Mr. & Mrs. J. McPhillips — a daughter, Claire Elizabeth.

Mr. & Mrs. T. Norman — a daughter, Angela.

MARRIAGES — best wishes

The Friarage

Mr. M. McHall to Miss F. M. Hodson (Accounts Dept.)

Mr. D. Gray to Miss B. M. Wilson (Accounts Dept.)

Mr. C. O'Brien to Miss K. Vikebo (Accounts Dept.)

R. & D. Division

Mr. C. M. Huizinga to Miss J. P. Waller.

H.W. Stampings

Mr. D. F. Tomkins to Miss J. M. Newson (Laboratory)

H.W. Stockton

Mr. S. Frame (Fitting Shop) to Miss P. Green (H.W.T. Telephonist)

Mr. K. Mayes (ex R. & D. Div.) to Miss B. Vickers (Planning Dept.)



Mr. and Mrs. D. F. Tomkins



Mr. and Mrs. C. O'Brien



Mr. and Mrs. S. Frame

Sport and social

GOLF SECTION

The weather was again kind for the annual visit to Appleby.

Prize winners were :-

Stroke Play

1. C. H. Moore, H.W. Teesdale 82-13-69.
 2. B. Jordan, H.W. Machine 87-18-69.
- Best Gross: C. H. Moore.

Stableford

1. B. Jordan, 33 points.
2. C. H. Moore, 29 points.

The results continue the annual saga. The organiser won his share by sheer skill!! but Bryan Jordan!! Wow!

The draw for the Club Championship is under way and matches will be played during the summer with the final to be decided by Autumn.

Some budding golfers might offer their services as caddies during this competition — the bug might then bite them.

The Bob Sturges Inter-co. Trophy competition will be played early October at Dinsdale Spa Golf Course. Interested spectators will be welcome.

TENNIS SECTION

East Cleveland Tennis League Fixture List

Head Wrightson "A" Team League Division I

Week Commencing	Opponents	Venue
July 22nd	Middlesbrough C.C.	Home
July 29th	Skelton "B"	Away
August 5th	Carlin How	Home

Head Wrightson "B" Team League Division II

July 22nd	British Titan	Away
July 29th	Nunthorpe "A"	Home
August 5th	Guisborough	Away

SENIOR STAFF GUILD DIARY

July 30th	Entertaining overseas visitors to Inter-Tie (date to be confirmed).
September 23rd	Film Evening "Sport and Glamour" Members only
October	Apprentice Exhibition — Prizes and Certificates of Merit to be presented by the Guild.
October	Lecture and Film Evening by Durham Constabulary C.I.D.
November 11th	Wine and Cheese Party.
December 20th	Christmas Party — Members only.

SWEDISH GOLF TOURNAMENT

Last year, Intermelt, our Agents in Sweden, started an annual Golf Tournament for Swedish Steelmakers. This year's event was held on the 15th June at which the Head Wrightson Cup was won by the S.K.F. Hellefors Works Team. Twenty teams took part in the tournament, the winning six teams qualify for the Intermelt Cup and the Head Wrightson Trophy is awarded to the leading team of the non-qualifying competitors.

THE SWAN

By D. R. Tallet,
Contracts Dept.,
H.W. Teesdale.

Proudly, beneath the trees
An equal has she none
The sight of her all eyes doth please
When one beholds a swan!



Around her are her brood,
Nondescript fluffy balls, such easy prey
To some marauding feline.
Comes danger! Those youngsters make a 'Bee-line'
To where, on guard she stands
'Gainst Hazard, Storm or Flood



Some months elapse, and 'neath
Each tawny coat, a second coat,
Dame Nature doth bequeath
Discarded feathers, brown, a-floating on the Lake
A whiter coat doth now a transformation make
Metamorphosis, is this!

The photos for this poem were taken in Locke Park, Redcar.

Marketing Municipal Engineering Products

The recent successes of H.W. Process Engineering Limited in obtaining two major contracts for municipal refuse incineration plants for the Cities of Birmingham and Exeter, was projected in a series of colourful display panels and models at the 70th Annual Conference of the Institute of Public Cleansing.

Other panels on the Company's exhibition stand displayed our composting and effluent treatment equipment. The following photographs show six of the eighteen 6 ft. x 3 ft. panels on display.

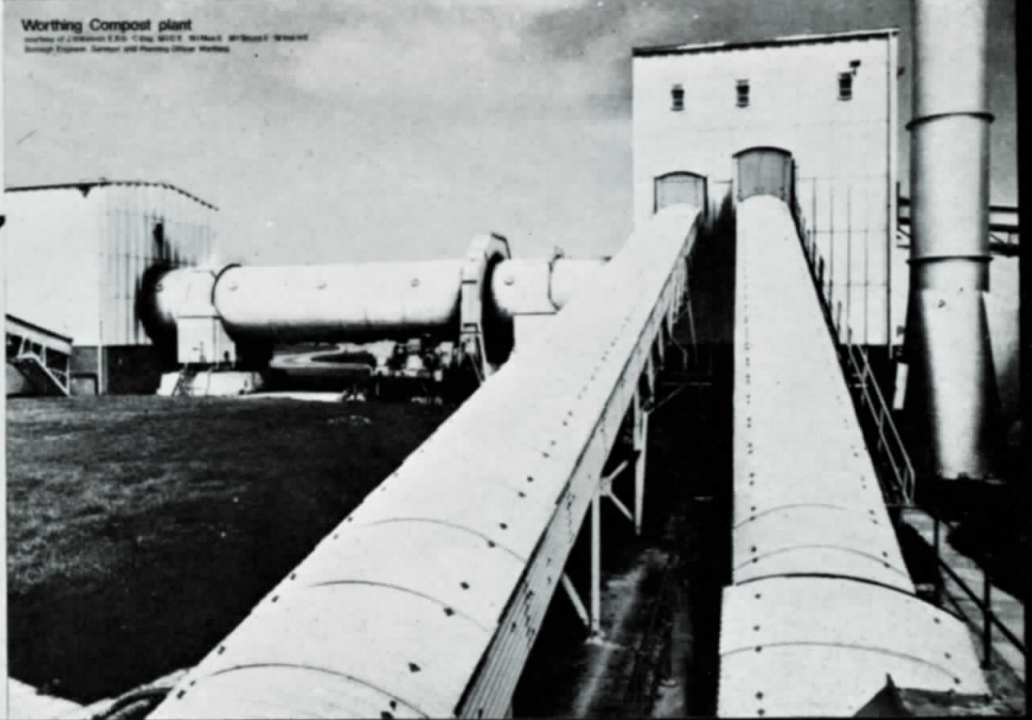


Head Wrightson Martin refuse incineration system

The Chartered Engineers of both the Cities of Birmingham and Exeter have selected Head Wrightson equipment.

The Birmingham plant is rated at 350 tons per 15 hour day.

The Exeter unit is rated at 130 tons per 16 hour day.



Worthing Compost plant
designed by H.W. Process Engineering Limited, Exeter, Devon, England
Contractor: H.W. Process Engineering Limited, Exeter, Devon, England



Composting

Extensive work by Head Wrightson Research & Development Division has enabled the company to build a first class full scale Composting plant. The experience gained by Head Wrightson during the last three years in handling municipal refuse assures municipalities of first hand experience on the subject of refuse disposal.

Compost produced by the plant is ideal for mixing with heavy soils and decreases its bulk density and aerates the soil.



Effluent treatment



Head Wrightson in association with NALFLOC a subsidiary of ICI Limited offer a service designed to cover all stages in the solution of effluent problems.

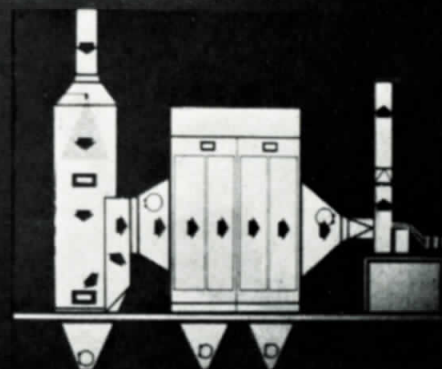
As well as designing, constructing, installing and commissioning effluent plants comprehensive laboratory facilities are available to assist the company engineers to evaluate and advise on any industrial or municipal effluent problem.

Cadbury Bros Effluent treatment plant



Gas cleaning plant

Head Wrightson in association with Research Cottrell Inc. of Bound Brook, New Jersey, USA have supplied gas cleaning equipment to industry for twenty five years. A complete range of units is available, including dry and wet electro filters, wet scrubbers, fabric filters and cyclones. Seven electro filter units and fourteen cyclone units have already been ordered to clean gases from municipal incinerators.



BOROUGH OF THORNABY-ON-TEES COAT OF ARMS



The Borough of Thornaby-on-Tees, created by Royal Charter on 15th August 1892 was amalgamated with other Tees-side local authorities on 1st April 1968 to form the Teesside County Borough Council.

A few days prior to the formation of the new Teesside Authority, Thornaby Borough Council presented a commemorative plaque of the Borough Coat of Arms to the Company to mark its long association and deep interest in the activities of the Borough Council and the Thornaby community. The Plaque is now on display in the entrance of the Head Wrightson Teesdale offices at Thornaby.

Description of Arms granted by the Herald's College 23rd January, 1893

Barry of Twelve, Gules and Argent ; on a pale, ermine, a Lion Rampant, azure ; a Chief engrailed of the second, thereon three torteaux ; and for the Crest, on a Wreath of the Colours in front of two Anchors in Saltire, or, the Stern of a Ship with a Rudder proper ; to be borne and used for ever hereafter by the Mayor, Aldermen and Burgesses of the Incorporated Borough of Thornaby-on-Tees, and their successors, on Seals, Shields, Banners, or otherwise according to the laws of Arms.