

WRIGHT AHEAD

THE HEAD WRIGHTSON NEWS LETTER

Vol. 11

JULY, 1960

No. 2



Sir John Wrightson, chairman, handing Mr. Tommy Smith his First Aid Award, also in the picture are Messrs. S. Duckett and T. Robinson

CHAIRMAN'S LETTER

This picture is particularly appropriate as I feel that we are all so pre-occupied with our own work that often we do not always appreciate the time, skill and energy spent by a number of our colleagues who voluntarily devote themselves, without thought of reward, to our welfare and safety.

I refer especially, of course, to the Welfare Committee of the Employees Council, First Aid Detachment and the Works Fire Brigade. All their activities are carried on so unostentatiously that we are apt to forget their existence until we have need of them which we all do at one time or another, either in our work, in our leisure, in sickness, or even after we have retired.

I am always impressed by the enthusiasm and aptitude displayed. This is shown in the competitive field by the First Aid and Fire Brigade successes in national competitions, which enhance the name of the Company.

Our thanks are due to each and every one engaged in these activities.

I wish you all a happy holiday.

John Wrightson

BIRTHS**H.W. Steel Foundries Ltd.
Teesdale.**

Mr. and Mrs. A. Warriner —
a daughter.

H.W. I. & S. Eng. Ltd.

Mr. and Mrs. G. Griffiths —
a daughter.

Mr. and Mrs. J. Harfield —
a daughter.

Mr. and Mrs. J. B. Whenray —
a son.

H.W. Minerals Eng. Ltd.

Mr. and Mrs. P. Balm — a son.

Mr. and Mrs. D. Cooper — a son.

Mr. and Mrs. F. Jenny — a son.

Mr. and Mrs. B. Rodgers —
a daughter.

H.W. Teesdale Ltd.

Mr. and Mrs. K. Windross —
a daughter, Carolyn.

H.W. & Co. Ltd.

Mr. and Mrs. M. Raby —
a daughter, Lynne.

MARRIAGES**H.W. Iron Foundries Ltd.**

Mr. J. Collins (moulder) to Miss
V. Wilson.

H.W. Teesdale Ltd.**Bridge Yard.**

Mr. Roy Henderson to Miss P.
Thirkell.



Mr. and Mrs. R. Henderson

D.O.

Mr. T. K. Adamson to Miss M.
E. Heslop.

H.W. I. & S. Eng. Ltd.

Miss M. Smithem to Mr. K.
Waller.

Mr. M. E. Stone to Miss P. Hollis.

H.W. Stockton Forge Ltd.

Mr. B. Hartley to Miss M. Lewis.

H.W. Minerals Eng. Ltd.

Mr. A. Hutchinson (civil dept.) to
Miss I. Travell (commercial).

Mr. D. West (civil dept.) to Miss
S. D. Denning.

H.W. & Co. Ltd.

Mr. R. Douglas (accounts) to Miss
J. Levitt (secretarial).

ENGAGEMENTS**H.W. Teesdale Ltd.**

Mr. C. Fairs (D.O.) to Miss D.
Little (research).

Mr. B. Brignall (D.O.) to Miss B.
Hurren.

Mr. Malcolm Sharp (machine shop)
to Miss Gwendoline Lay-Flurrie.

H.W. Stockton Forge Ltd.

Mr. A. Mowbray (F/S) to Miss D.
Borrett (pay office).

H.W. & Co. Ltd.**Teesdale.**

Miss Dorothy Train (Powers Samas
dept.) to Mr. Peter Bell (H.W.
Teesdale Ltd.).

London.

Miss Betty Ede to Mr. Ted Barnes.

Miss Barbara Wheatley to Mr.
Edward Gray.

DEATHS**H.W. Teesdale Ltd.**

Mr. R. Myres.

Mr. C. Leeson.

Mr. T. Hope.

H.W. Steel Foundries Ltd.**Teesdale.**

Mr. E. Cater — steel dresser.

Mr. W. Watson — steel dresser.

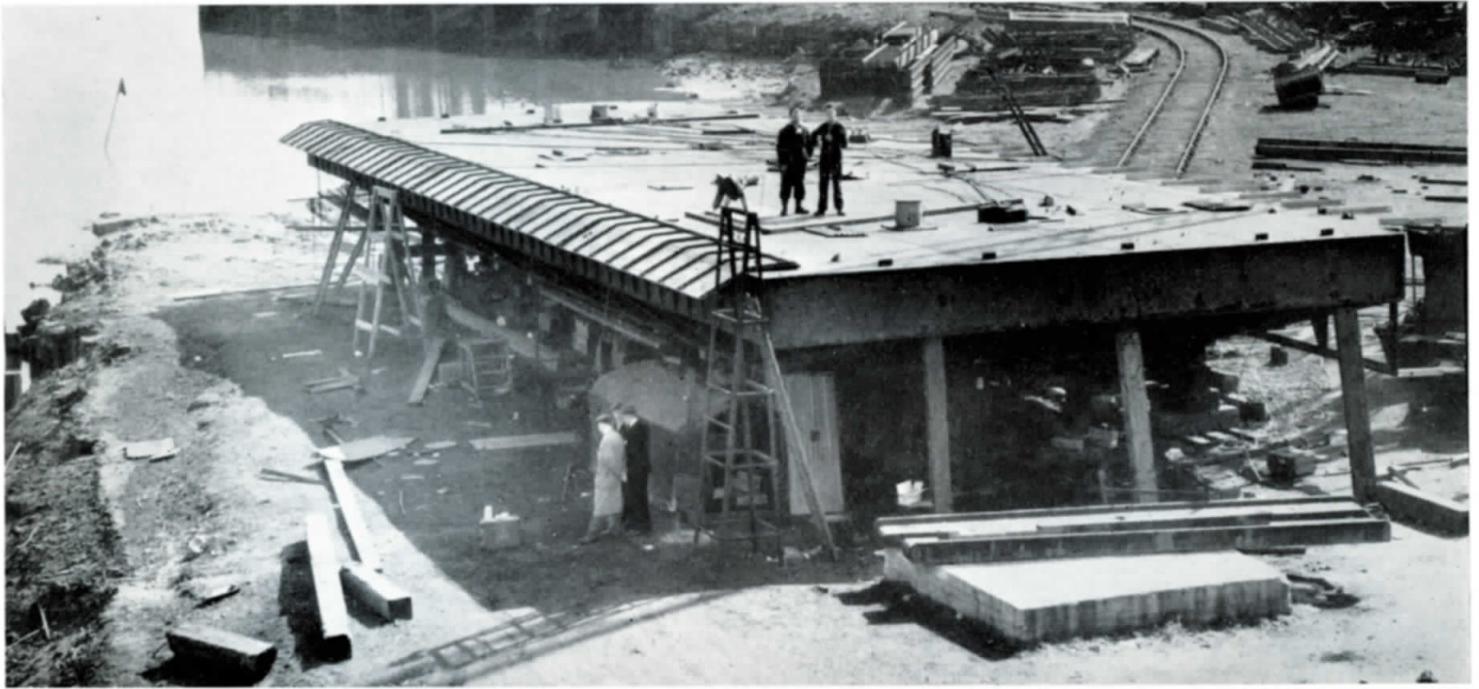
Mr. D. Wilson — ladle man.

**FRANK SHEPHERD
HONOURED BY FOUNDRYMEN**

Our photograph shows Mr. Frank Shepherd receiving the Meritorious Service Medal from the National President of the Institute of British Foundrymen, Mr. Charles Wilson, at the Institute's National Conference in June. Mr. Shepherd was Secretary of the Tees-side Branch for 13 years and was also Branch President in 1955. The Medal is awarded for outstanding services to the institute.

EDITOR'S NOTE :

On going to Press we are pleased to learn that Head Wrightson have been awarded a substantial share in the Dungeness Nuclear Power Station contract — details in our next issue.



Flap Gate for entrance to New Henderson Graving Dock at Immingham.

H.W. TEESDALE LTD.

Flap-type Dock Gate for the Humber Graving Dock and Engineering Company Limited.

The gate is for use at the entrance of the new Henderson Graving Dock, at present nearing completion at Immingham.

The gate contains water ballast chambers, air tanks, and tidal chambers, and when completed will weigh 260 tons.

It is to be launched into the Tees and towed to site, where it will be stepped into position.

When installed, gudgeons attached to the bottom corners of the gate will rest on fixed bearing brackets, to allow the gate to pivot about its lower edge. With the gate lowered, a 90 ft. wide clear passage is afforded to enable a vessel to enter the dry-dock. The gate is then raised and the dock emptied, to enable routine examination or repairs to be carried out.

The operating machinery for raising and lowering the gate is also being supplied. This comprises an electrically driven winch located at one side of the dock, with an operating wire rope leading from the winch, round sheaves on the gate, and anchored at the other side of the entrance.

Machine Shop.

One of the most important features recently in the Machine shops has been the extent and range of the new machines installed. Our latest and biggest is a Craven Lathe mounted on a 72' x 22' 6" bedplate and capable of machining work 45' long x 27' 3" diameter, weighing up to 60 tons. Due to its size this machine is sited in the new plate shop.

His many friends in the Machine shop will wish Tommy Potter good health and many happy days of retirement. Tom was a one firm man and one of the best to have around. Despite losing a leg in World War I, he was able to continue working at his trade until just recently.

Bridge Yard.

Congratulations to Jack Bell who has been selected to play Bowls for Yorkshire and gained his County Badge. Long may his success continue.

Roy ('Killer') Henderson has recently married, we wish

him the best of luck and happiness — if he has any difficulties he should consult Ali.

The same Ali has now turned his hand to the growing of tomatoes — what about some samples for the shop.

We should like to offer our deepest sympathies to the families of R. Myers, C. Leeson and T. Hope. These men gave long and loyal service to our department.

Work is now beginning to pick up again — long may it continue to improve. Holiday weeks are now very near — to all our colleagues we wish a happy time with lots of sun.

H.W. & COMPANY LTD.

Teesdale.

Congratulations to Mrs. M. Kirkpatrick on winning once again the Ladies' Single event and, partnered by Mrs. J. Darbyshire (H.W. Teesdale — Tracers), the Ladies' Doubles event in the H.W. Annual Lawn Tennis Tournament.

We hear that Mrs. G. Morgan is making good progress after her accident. She has now had the plaster removed from her leg and hopes to be back with us soon.

Mr. W. Wade is leaving the firm at the end of July to take up another appointment. We are sorry to lose him but we wish him well in his new post.

Accounts.

We are sorry that Mr. Alec Bisset has again had to go into hospital and we hope that this time his recovery will be complete.

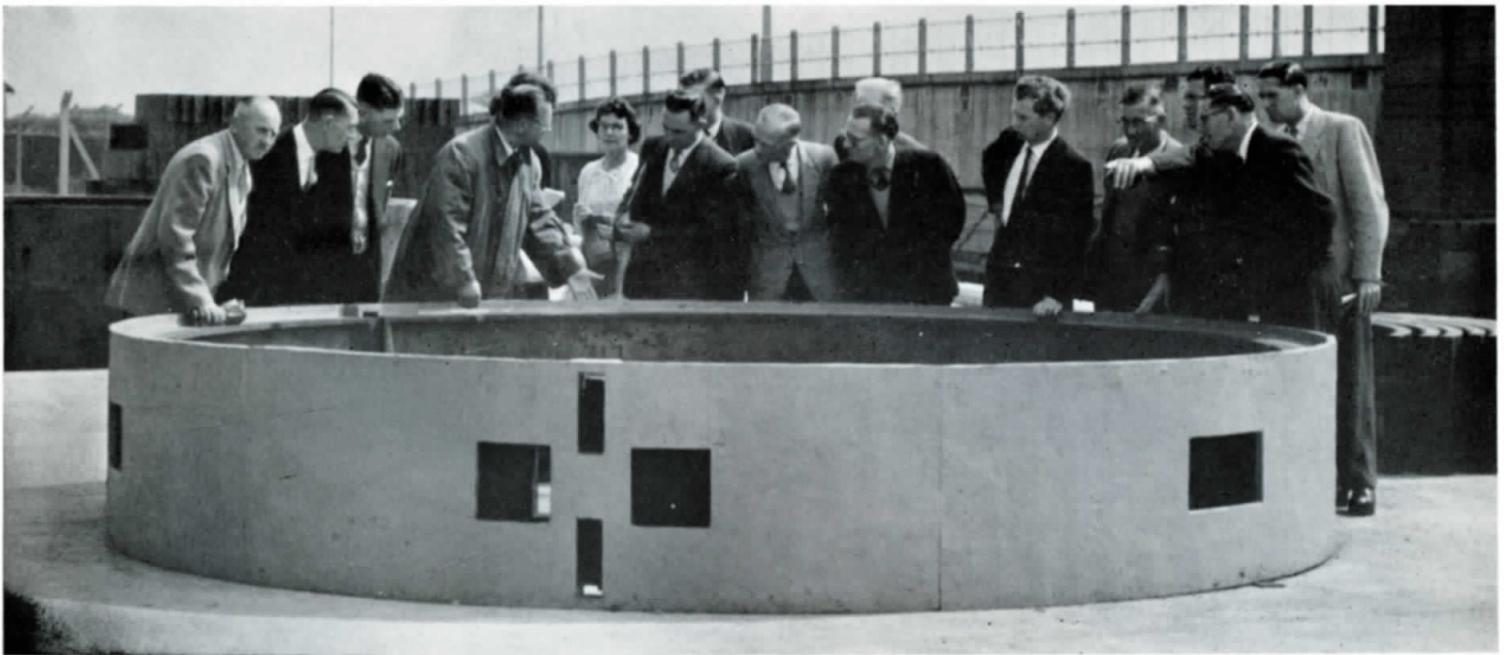
London Office.

Mr. G. L. Cunningham has joined us in the capacity of H.W. Steel Foundries Sales Representative.

"THANK-YOU"

Fred Bull from H.W. Minerals Engineering Ltd. (Sheffield) and Arthur Montague from the same subsidiary company (Newcastle) take this opportunity of thanking all those who so willingly helped them during their period of workshop training, etc. at Thornaby-on-Tees and other Tees-side subsidiaries. They think the experience and knowledge they gained will prove invaluable and hope to make full use of it in the future.

They have made many friends in the works and hope to continue to meet them from time to time.



London Transport executive representative examining a tunnel segment at our Egglecliffe foundry

H.W. IRON FOUNDRIES LTD.

Get Well Soon.

We wish a speedy recovery to Mr. J. Poulter (moulder).

Mr. Kilvington (moulder), Mr. M. Wynn (chairs) and Mr. A. Turner (chairs) who are away from work through illness.

We welcomed back Mr. R. Peat (moulder) after completing his National Service and said goodbye to Mr. T. Appleyard (apprentice moulder) who has gone to start his National Service.

We said our goodbyes to Mrs. N. Wegg, Mr. Addison's secretary, who has left to do work of national importance, i.e., becoming a mother. We all wish her the best of good fortune.

We said goodbye recently to Mr. Stafford, Mr. Shields and Mrs. Wigglesworth who have now left us following the re-organisation of the Sales Offices. We are all sorry to see them go as we have all enjoyed their stay with us.

We congratulate Mr. G. Catchpole, on his re-appointment as Chairman of the Stockton Rural District Council.

It is nice to see Mr. Smith, who retired some time ago, still endeavouring to make our garden a thing of beauty and a joy for ever.

During the last month we have had two visits from the various group Companies Foremen and these were acknowledged by our visitors as being instructive and knowledgeable.

H.W. STEEL FOUNDRIES LTD.

Appointments.

Congratulations to Mr. J. G. Allen, Mr. J. D. Eccles, Mr. L. Magee and Mr. C. Elliott.

It is with regret that we have to report the sudden death of Mr. W. Watson who has been employed in the Steel Foundry Yard since a boy. He was a familiar figure in the yard and a good entertainer at social functions. May we convey to his widow and family our deepest sympathy.

Condolences to the family of Mr. David Wilson. Sympathies also to the relatives of Mr. E. Cater, who died after a long illness.

We wish a speedy recovery to Messrs. J. Gordon, W. Haston and Matt. Heslop who are at present on the sick list.

We are pleased to welcome back Mr. Frank Harris after a long illness.

Several of our colleagues were successful in obtaining awards from the First Aid Class. Their names appear elsewhere in this magazine. Amongst their number was Tommy Robinson of the Steel Foundry Yard — congratulations on your 21 years' connection with this worthy cause.

H.W. STOCKTON FORGE LTD.

Fitting Shop.

First Annual Outing — This trip was a great success and great credit is due to the organiser. The party set off by coach for Whitby, where the dust collected on route was allowed to settle with the aid of a brownish liquid. On the return journey the coach pulled up at one of the larger estates, which, curiously enough is ruled over by another member of the shop. He had really laid things on — tea on the lawn, bunting and ribbons tied to the curly tails of the squeakers. The "squire" was in attendance, personally and, as the party took its leave, it is said his eyes seemed full of tears. The rest of the trip was uneventful and all returned home tired, but happy.

Congratulations to Messrs. T. Dalton and C. Lawson, both of whom have been appointed to the staff of the Forge inspection department.

Congratulations to Fred Illing, one of Stockton Forge Machine Shop Apprentices who gained the Bronze Medal in the Duke of Edinburgh's National Award Scheme. The medal was presented to him by H.R.H., Prince Philip on his visit recently to Durham College.

Fred, a corporal in the 7th Stockton Boys' Brigade Company, was also awarded the Queen's badge recently.



Our photograph shows the presentation of a chiming clock to Mr. Ernie Fisher of the Machine Shop to mark his retirement at the age of 66. He had been with the Company for 48 years. Mr. E. Daghish, shop manager, made the presentation on behalf of shop management and workmates and praised Mr. Fisher's long and loyal service to the Company. He said that as a friend and tradesman, Ernie ranked with the Best. We all wish him and his wife good health for many years to come.

H.W.I.S.W.E.L.

We wish to convey our Best Wishes and Good Luck to Mr. and Mrs. R. Miles in their retirement.

To Mr. T. H. Stayman, congratulations on his recent appointment as Managing Director of this Company.

Now the Whitsun holidays are over and many people have returned to work looking quite sunburnt, but at the time of writing one wonders if "that was our summer — that was!" However, all of us are looking forward to our holidays, which vary from Touring, Camping and visits abroad to, of course, holidays spent decorating "that . . . room".

The recent H.W. Motor Club Treasure Hunt was won by Alan Eastwood of this Company, who is to receive his trophy at a later date. Congratulations for a fine effort by all who took part in the Hunt.

Suddenly and mysteriously overnight there appeared a sinister structure, literally on our doorstep. Apparently it is to be a new office block!

We welcome back from India, as general manager, Mr. W. H. Adams and trust that he is now settled in his new home; also (still a square) Len Hodgson and Jim Langstaff.

We also wish the following personnel a hearty welcome return to our fold:

B. Davies, L. Marshall, and A. Curson.
and a brand new welcome to:

E. Bland, A. Birks, A. Blakeborough, Mrs. D. Jackson and Mrs. J. Brown.

Departures.

Peter Connell has left this Company and taken up a post as electrical engineer in Pakistan. He was duly sent off in the traditional manner.

To Ernie Chapman, we hope that he has a pleasant tour of duty in India, and to Terry O'Connor, who replaces Mr. Adams as Project General Manager.

The Hon. Secretary of H.W. Motor Club has asked that the following may be quoted for all members of the Club — **"It's time to pay your subscriptions please!"**

H.W. MINERALS ENGINEERING LTD.

For many years this Company has been named Head Wrightson Colliery Engineering Limited, but the name has been recently changed to Head Wrightson Minerals Engineering Limited. This change of name reflects the widening field of the Company's activities. Arrangements have been made which will enable us to design and construct treatment plants capable of handling a wide range of minerals. Such processes will help to maintain our foremost position in this field of industry.

Lest it be thought that we are giving less thought to the Coal Treatment field, we hasten to add that our present endeavours will be mainly applied to work for the National Coal Board.

Annual Dinner and Dance.

This pleasant function was held on Friday, 13th May, in the Cutlers Hall, Sheffield. In the spacious rooms of this building we dined and danced away a very happy evening.

Mr. Peter Wrightson spoke of his pleasure in being with members of staff and guests, both from overseas and home.

Mr. Needham spoke of the Company and its widening interests. He welcomed to the festive scene guests from overseas representing Companies whose interests are linked with ours. He also welcomed many friends from the National Coal Board and sub-contractors.

Dr. Krijgsman, of the Dutch State Mines, responded on behalf of the guests, voicing their appreciation of the genial friendliness of their hosts.

A very happy company danced away the evening hours to the music of Eric Godber's Orchestra.

Home Again.

Welcome home to A. G. Self and P. Norrish after their fact-finding visit to the States.

New Staff.

We are pleased to welcome to our Sheffield Office Miss Margaret Hill (D.O.) and Mr. G. T. Richards (development department).

Congratulations to Mr. H. T. Walker, chief draughtsman, on his completion of twenty-five years with the Company.

A number of friends have left the Company and carry with them our good wishes for the future. They are:

Mr. L. Marshall (Thornaby), Mr. W. N. Swainson (Thornaby), Mr. W. C. Richards, Mr. J. W. Digweed (Ogilvie), Mr. R. M. Swan (Ogilvie), Mr. E. B. Williamson (Ogilvie), Mr. A. Hall (Sheffield), Mr. N. Quinn (Manchester), also Messrs. P. Nelson (Sheffield) and J. Appleton (Manchester) who have joined H.M. Forces.

Mr. L. Marshall has been Commercial Manager at Thornaby for Head Wrightson Colliery Equipment Division and Head Wrightson Colliery Engineering Limited. He has transferred his affection to the Head Wrightson Iron and Steel Co. Limited, where he already has many friends. Good luck, Les.

Mr. W. N. Swainson commenced his working life at the Forge and continued at Thornaby, and has now gone to Sutcliff's.

All the best Bill and may you continue to make many friends.

Mr. E. B. Williamson has been resident engineer at Ogilvie since work commenced on this site. We wish him well in his new work.



$\frac{3}{8}$ " x 74" Hot rolled coil cut-up line

H.W. MACHINE CO. LTD.

In connection with the new developments and extensions now going forward in the Steel Industry, The Head Wrightson Machine Company have been successful in obtaining orders for eight strip Cut-up Lines.

Four of these lines will be required to handle $\frac{3}{16}$ " and $\frac{3}{8}$ " thick hot rolled material one of each type being ordered by Colvilles Limited and by Messrs. Richard Thomas & Baldwins Ltd. for their new Spencer Works.

The remaining four lines will deal with cold reduced steel strip and these are required for Messrs. Richard Thomas & Baldwins and The Steel Company of Wales Ltd., Abbey Works.

These contracts total approximately £2½ million and will provide a useful load for our shops and the flat products section of the Drawing Office for the next eighteen months.

Hot Rolled Cut-up Lines.

The $\frac{3}{16}$ " line for Richard Thomas & Baldwins will receive coils up to 62" wide, maximum weight 60,000 lbs. and will be designed to operate at speeds up to 300 f.p.m.

Incoming coils will be transferred from an entry conveyor to a processing uncoiler, from which the material will be passed through an edge trimming machine and then through a flying shear which cuts the strip into sheet-lengths varying from 3 ft. to 24 ft. whilst the material is moving.

The sheets then pass through a precision leveller for finish levelling prior to visual inspection for possible surface defects.

A flying micrometer for the measurement of strip thickness will be mounted in the line before the flying shear, and an automatically operated diverter gate is provided for the rejection of sheets which are not of the required thickness.

Beyond the visual inspection point are two automatic pilers, one for the reception of sheets rejected because of deviation from standard thickness or surface defects and the other for the reception of prime sheets.

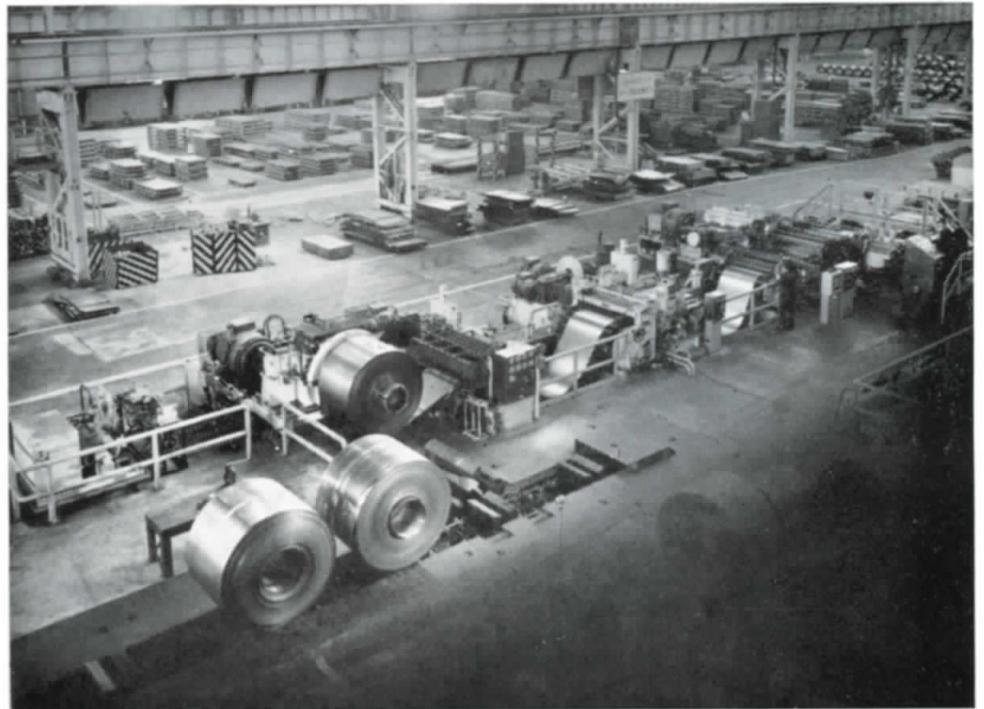
The prime piler is equipped with a rising and lowering table, and capable of accommodating packs of up to 20 tons. Motorised side guides and back stops are also included to enable sheets of varying widths and lengths to be piled neatly.

The finished packs of sheets are discharged from the pilers to a weighing section and then onto a runout section to await transfer to the despatch department.

The $\frac{3}{8}$ " line for Richard Thomas & Baldwins will deal with coils of identical size and perform similar functions as the $\frac{3}{16}$ " line and apart from the shear will include units

similar in design, but of much heavier construction.

The shear in this case will be an up-cut type of machine, the line speed up to 200 f.p.m. depending on the thickness of the material. On lighter gauges the strip will be fed continuously through the entry and trimming sections, forming an upward loop each time the shear makes a cut. When dealing with the thicker material the line will operate on a start and stop basis. A shear gauge table located after the shear and fitted with a measuring stop will ensure the accuracy of the sheet lengths.



0.055" x 57" High speed cut-up line. Entry section showing pay-off reel up to flying shear

Examples of both types of line have been provided previously by the Machine Co. to various customers, the reproduced photograph shows the 3/8" Cut-up Line we supplied to The Steel Company of Wales, Abbey Works.

Apart from minor changes to suit their requirements the lines for Colvilles will be similar for Richard Thomas & Baldwins.

Cold Reduced Cut-up Lines.

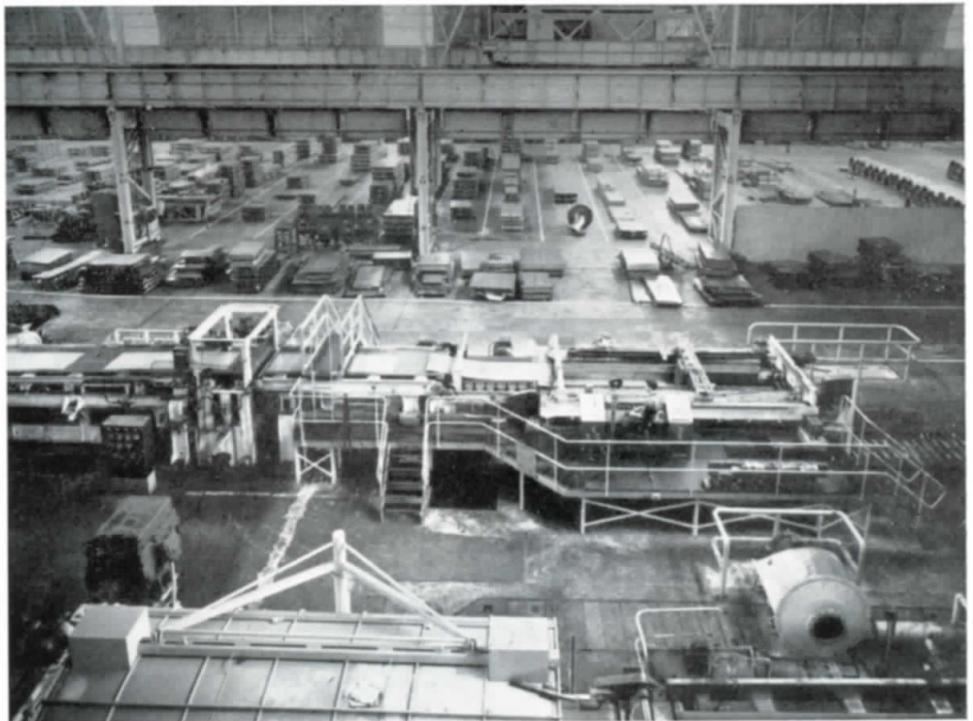
Three of these lines will be high-speed lines (700 to 800 f.p.m.) and the fourth a light gauge slow-speed line (300 f.p.m.), one high speed line being for The Steel Company of Wales, the remainder ordered by Richard Thomas & Baldwins.

All lines will be required to handle cold reduced steel strip in coils around 60,000 lbs. in weight and about 60" wide.

The finished sheets from these lines will be used in the car industry and in the manufacture of refrigerators, steel furniture, etc., and in view of the importance of surface finish great care is necessary in the design of the equipment to avoid scratching of the material.

The lines will be generally similar to those already described in that coils will be transferred from entry conveyors to mandrel type uncoilers and from these units the material fed through edge trimming machines and then through flying shears which cut the strip into varying sheet lengths whilst the material is moving.

Because of the slightly heavier gauges being processed on the R.T.B. lines compared with the S.C.O.W. equipment, it is not possible to use the same size of shear on



0.055" x 57" High speed cut-up line. Exit end showing the oiling machine and piler equipment

all three high-speed lines. Otherwise these lines will be generally similar from the entry section up to the shears.

The flying shears are of the rotary type especially developed for use on high speed cut-up lines.

The sheets are then conveyed to a precision leveller for final flattening before visual inspection for surface defects prior to the classifying and piling sections.

In order to avoid damage to the ends of the sheets during piling it is necessary to slow down the line to a correct piling speed. On the equipment for the S.C.O.W. this is achieved by means of a conveyor arranged to run at a slower speed than the preceding conveyor to produce "shingling" or overlapping of the sheets ahead of the piler.

On the R.T.B. lines shingling is achieved by providing a special system of magnetic belt conveyors designed to operate at progressively slower speeds. With this arrangement the sheets are fed to the underside of an overhead conveyor, then dropped on to a conveyor below, finally entering the piler.

To achieve maximum advantage from these high speed lines, two prime pilers are provided. This enables alternate pilers to be used when small packs are required and facilitates the removal of a completed pile without stopping the line.

Again on these lines the facility is provided for automatically diverting and piling reject material which may deviate from the accepted thickness or may have surface defects.

Equipment is also provided for printing and oiling of the sheets, the



0.055" x 57" High speed cut-up line. Centre section showing flying shear up to inspection table

oiler being fitted with a by-pass conveyor which is used when dry sheets are being run.

Finished packs from prime and reject pilers are discharged for weighing before removal to the despatch department.

Apart from the addition of the second prime piler the equipment for the S.C.O.W. will be a repeat of the No. 5 line supplied to them recently and shown on the accompanying photographs.

The fourth cold rolled cut-up line is required for R.T.B. and will deal with very thin gauge material outside the minimum capacity of their high speed lines.

To handle this thickness of strip the flying shear will be a reciprocating type which limits the speed to 300 f.p.m., thus making it possible to simplify the exit end of the line since "shingling" is unnecessary.

After finish levelling and inspection, the sheets are piled either into a single prime unit or a reject piler, depending on quality.

Apart from these changes the remainder of this line will be similar to the high-speed lines.

H.W. PROCESSES LTD.

Condolences.

Yarm.

We would like to extend our deepest sympathy to the relatives and friends of:

Mr. G. P. Davidson, on the death of his father.

Miss R. Hatton, on the death of her mother.

Mr. D. Pearson, on the death of his infant son.

Get Well Soon.

Since the last issue of the magazine Mr. T. Potts has been in hospital and is now recuperating.

Mr. C. E. Pernet took ill in London, and after a period in hospital is now recuperating at a Convalescent Home.

Mrs. Whitaker, wife of Mr. J. Whitaker, had to go into hospital for an operation immediately following their holidays, but is now home again.

To all the foregoing we wish a very speedy recovery.

Welcome Back.

We last reported Mr. P. B. Thomas in Hospital, and are now pleased to note his return to the office.

Mr. J. Walker (caretaker) who was taken suddenly ill some weeks ago and after a period in hospital has now been able to resume his duties.

Left For London.

The news that Water Treatment Division was being transferred to London Office brought regrets in its train, inasmuch as we had to say farewell to Mr. Scott and Mr. Tolliday. We hope that this Division and all connected therewith will be very successful in their new surroundings.

Joined the Company.

Recent months have seen several changes in staff, and we would take this opportunity of welcoming the following personnel:

Mr. R. Ellis (estimating); and the following Engineers: Messrs. Barraclough, Downes, Taylor, McCormick, Chapman, Andrews and Walker.

We hope they will all find success and happiness in working for H.W.P.

Left the Company.

Inevitably, changes have brought farewells too, and we wish the following people every success in their new appointments:

Mr. F. Carr, Mr. S. Nowacki, Mr. E. Blain, Mr. A. Fawcett, Mr. J. Walton, Mr. J. Jones, Mr. W. Winlow, Mr. A. Pennock, Mr. T. W. Daniel.

Our good wishes go with them, as also with two of our staff who will be leaving shortly: Mr. J. Stephenson and Mrs. S. Worthington.

Social Committee.

Lunch hour practice matches have become quite a feature at Yarm, when enthusiastic members of the cricket team have taken advantage of the recent fine weather to demonstrate their skill (or lack of it, as the case may be). Mr. L. S. Birch is captain of the team, and is hoping to organise several matches in the coming weeks.

A Ladies Cricket Team is also projected, but has not yet come to fruition due to lack of response. However, it is hoped to have matches against other Ladies Teams as the summer progresses.

Despite the lack of functions the Committee have been industriously planning several prospective ventures for the summer. Details will be announced later but it is hoped to hold a photographic contest, and also a Treasure Hunt.

Happy Event.

Too late for the last issue came the news that Mr. and Mrs. Ernie Walker had an addition to the family, Keith, and somewhat belatedly we send them our congratulations.

London.

Since the new formation of H.W.P., London Division have engaged quite a number of new Staff — too numerous to mention — but we wish them a happy and long association with the Company.

Included in the above is Mr. Alan Scott, transferred from Yarm, who is heading up the Water Treatment Division which has recently been transferred to London Office. Unfortunately this Division had a bad start as the lorry, transferring their records from Yarm to London, caught fire on the last leg of the journey. It would appear that most of the records can be salvaged.

In connection with this Division, three of our Senior London Staff visited Yarm and unfortunately one of the

team, Mr. D. J. Martin, was taken ill and died suddenly. Mr. Martin had been with the Company for 14 years, and his funeral, on May 26th, was attended by representatives of McKee Head Wrightson and Head Wrightson Processes.

The Sports and Social Club has not had any big activities since the Ally Pally Rally held on April 22nd. Class I was won by R. Read with D. Morris as navigator, Class II by V. Gall with K. Foster as navigator. The overall winner was V. Gall.

At the time of writing, the next Club Cricket Match is against Pinchin Johnson Cricket Club on June 24th. Unfortunately there are not enough Club cricketers available for this match and this has entailed recruiting two or three guest players.

Note : Pinchin Johnsons are Paint Manufacturers — let us hope that the team do not have a 'sticky' wicket.

H.W. MOTOR CLUB

This club commenced its activities around November, 1959. Several meetings were called and a committee, small in number but big in keenness, was formed. There were doubts regarding what kind of interest could be aroused for a motor club, but a programme was set out and the club was under way.

A six months programme consisted of film shows, talks by well known people, visits to police headquarters and to a brewery (the police visit came first), social evening and last but not least, rallies and a treasure hunt.

The Annual General Meeting was held on 8th June, which was six months from the commencement of the club, and it was agreed that the club was certainly well under way and quite a success. A larger committee was elected this time, the nucleus being of the existing committee.

We are now into our first full year as a club, membership is around the 150 mark, we have full backing from the Management, and all hopes are for this club to increase in size and stature.

A full programme has been put forward for 1960-61.

A few notable references to the past events :

The Spring Rally was won by Mr. D. Hodgson (auditors), second was Mr. H. D. Dawson (materials control), and third Mr. P. Shakesby (H.W.I.S.W.E.L.).

We had a lecture by Mr. John Lidell, who spoke on advanced driving.

Our Treasure Hunt proved to be an enjoyable success to all those who took part, the winner being Mr. A. Eastwood (H.W.I.S.W.E.L.).

All film shows were well attended, motor racing being well in the fore, as were films of general interest such as lubrication, etc.

PRESENTATION OF FIRST AID AWARDS BY SIR JOHN WRIGHTSON, Bt., AT 3-30 p.m. ON FRIDAY, 10th JUNE, 1960

Sir John Wrightson, Chairman of Head Wrightson & Company Limited, Thornaby-on-Tees, presented awards to sixteen employees who are members of the works ambulance class.

It is twenty-one years since this class was formed — just before World War II. Three of the recipients have been members of the class since its inception, they are Messrs. T. Robinson, T. Smith and S. Duckett. Messrs Robinson and Smith had previously been under instruction, the former having now had 35 years training and the latter 26 years. Their total years of service as ambulance workers is, therefore, eighty-two. Messrs. L. Arnold, J. Bullock, and C. Hope have had eight years' service each.

The medical instructor is Dr. J. E. Maccabe, Medical Officer for the Head Wrightson group and Messrs. T. Robinson and T. Smith are instructors. Dr. Bowes was the medical examiner.

The awards were as under :

1st Year Certificates :

John A. Smith, K. H. Waugh, H.W. Steel Foundries Ltd.: P. White, H.W. Ambulance Room: P. Bell, H.W. Teesdale Ltd.

Medallions :

L. Metcalfe, G. F. Baker, H.W. Steel Foundries Ltd.: C. J. Hope, Head Wrightson & Co. Ltd.

Labels :

R. Danby, L. Arnold, Head Wrightson & Co. Ltd.: T. Smith, N. Hobbs, S. Duckett, M. Newton, H.W. Teesdale Ltd.: T. Robinson, J. Bullock, R. Hutley, H.W. Steel Foundries Ltd.

Non-employees :

R. Beech, Police Cadet: J. Bulmer, Town Ambulance Driver.

THE XVII OLYMPIAD

From now until mid-September the Olympic Games in Rome will be very much in the news. Held every four years they require a tremendous amount of preliminary organisation. On the outskirts of Rome a completely new village has been built to house 3,000 competitors from 70 nations, as well as their managers, trainers and staff. A completely new arena, the Palace of Sports, has been built to seat 14,000 and a new double-track motorway links the village and the various arenas with the Immortal City.

The Games will open with their usual ceremony on August 25th. A runner will make a circuit of the arena carrying a flaming torch with which he will light the Olympic Flame. It will burn until September 11th when,

with solemn ceremony and the singing of the Olympic hymn, it will be put out, to mark the ending of the Games until 1964.

The origin of the Olympic Flame is a fascinating story. The ancient Games were held from 776 B.C. to 394 A.D. — in fact for 1,170 years. At every Games a sacred flame burned in Olympia in Greece on the altar of the god Zeus. The modern Games were started in Athens in 1896 but it was not until 1936 in Berlin that the ceremony of the flame was revived. This year, as always, the torch will be ignited by the sun's rays at Olympia and then it will be carried by a succession of runners to Rome.

Before the Games are over we shall be getting to know quite well by sight the Olympic symbol — the five interlocking blue, black, yellow, red and green rings. They represent the five continents though the colours have no significance. Incidentally, if you become a member of the British Olympic Association, which costs 21s. per year, you are entitled to wear its dark blue tie carrying in silver the Olympic symbol. Membership can be obtained by applying to the office of the Association at 95 Mount Street, London, W.1.

Looking at the national contingents it is pretty certain that those from the Soviet Union and the United States will be the largest and on current form are likely to get the most Gold Medals. The smallest contingent will be from Surinam, made up of a solitary competitor in the long jump. At the time of writing the composition of the British team has not been decided, but among those in the line for inclusion in it are Mary Bignal and Brian Phelps. Neil McTaggart is a possible among the boxers.

Britain's hopes of carrying off many Gold Medals are not high, but it is worth remembering that between 1896 and 1956 our athletes won 135 of them. The sad and sorry truth is that you cannot have Olympic winners on the cheap and for all too long Britain has tried to do just that. It is true that some great athletes are born, but many more have to be made and if there are not the proper training facilities for young men and women they just do not reach the Olympic standard.

To give one example of the sort of difficulties that our potential men and women have to face, every weekend Brian Phelps has to travel from his home in East London 160 miles to Cardiff because the bath there has the only indoor 10 metre diving board in the whole of the South of England.

Two world famous athletes who will not be taking part in this year's Games are the Russian V. P. Kuts and the Czechoslovak E. Zatopek. Somewhere on the sideline the American athletes will be advised by the charming modest negro, Jesse Owens. On 25th May, 1935, while working as a petrol pump attendant to pay his fees through college he injured his back. That afternoon, in the space of one hour, he went to the track and set up six new world records; some of them stand to this day.

PRESENTATION TO MR. AND MRS. RICHARD MILES

In the presence of representatives of all departments of the firm of Head Wrightson and Co. Ltd., Thornaby, gifts were presented to Mr. Richard Miles, former chairman and managing director, at a function in the firm's Teesdale Hall, on Thursday, 19th May, 1960. Mr. Miles retired on January 31st, 1960.

Sir John Wrightson, Bart., who succeeded Mr. Miles as chairman of the company, presented Mr. Miles with a gold cigarette case, silver tea service and condiment set on behalf of the directors, management and senior officials.

In handing over the gifts, Sir John said that this was a very intimate family ceremony to say a sincere thank-you to Mr. and Mrs. Miles for all they had done during Mr. Miles' service with the Company.

Sir John spoke of Mr. Miles' friendly nature and the part he had played in creating a happy family spirit.

Observing that Mr. Miles would maintain association as a non-executive director, Sir John told him: "This is not farewell, but merely an expression of our thanks to you for all that you have done".

South African Scene.

From the firm's South African companies, Mr. R. N. Allison, secretary of the Head Wrightson group, presented Mr. Miles with a painting by Nils Andersen depicting a farm scene near Wellington, Cape Province.

Mr. Allison said he was deputising for Mr. R. W. Burnand, managing director of the South African companies, from whom he read the following message:

"We at Johannesburg and Benoni — some of your South African friends — to our regret can only be with you in spirit. It was felt that we would like Mr. Miles to have something he could hang on the wall to remind him of his friends here and his visits to the Union and also to remind him that we hope we shall see him again before much water passes under the bridge.

The picture depicts a farm scene, with barn and coloured servants' cottage. The sunshine glow is no warmer than our affection for the recipient, for whom we wish a long and happy retirement".

Mr. Frank Shepherd, Personnel Manager and chairman of the Employees' Council, supported by Mr. A. D. Muir, vice-chairman and senior works representative, presented a pair of Adam silver candelabra.

Mr. Shepherd said that he was representing over 5,000 employees who had always been aware of Mr. Miles' deep interest in their well-being. The many innovations introduced leading to a better understanding between management and employees were, he observed, a constant reminder of the success which had come from his efforts.

Mr. Shepherd assured Mr. Miles of the warmest good wishes of all employees.

Mr. Muir endorsed Mr. Shepherd's tribute and said he was confident that the good industrial relationship between management and men which Mr. Miles had fostered would continue in the future. He spoke of Mr. Miles's concern for the welfare of all employees and of his friendly personal contact.

A Backward Look.

Speaking at times with considerable emotion, Mr. Miles, who was given a fine reception when he rose to return thanks, remarked: "I feel somehow that all this is the wrong way round and that it is I who should be giving you presents for the happy life you all gave me during the nearly 30 years I have worked with you".

Proceeding, Mr. Miles said: "I can begin with my predecessor, the late Sir Guy, who with Gwen Lady Wrightson, was invariably kindness itself to both my wife and me. You can imagine the help I needed as a young man, age 38, who, except for service in the first war, made his first and only change in his job, and was given top responsibility for our old established works. Sir Guy gave that help and I hold his memory in more than high regard.

"With regard to your present chairman and vice-chairman (Mr. Peter Wrightson), they have served me loyally and ably and, what is more, in a continuing spirit of the utmost friendliness. My best hope can be that their staff will serve them as well as they served me.

"There could not be, despite our small numbers, a more effective top team, and, perhaps I shall be forgiven if I single out for special mention my oldest colleague, Kenneth Hickman. He and I are almost exact contemporaries. In my early days, when finance was difficult, I leaned on him very heavily and he never failed in his support. During the almost quarter of a century we have worked together his advice has been sound, and always willingly and readily available.

"The best inspiration and leadership would, however, be entirely ineffective if it were not accompanied by executive action, for which our general managers — many of them now managing directors of their subsidiary companies — the managers, foremen, clerical staff and workmen are responsible. I count myself fortunate in the able, loyal and friendly way the whole team co-operated.

Big Turnover Increase.

"The results are self evident, more particularly to the older hands, who lived through the depression of the twenties and early thirties. Without any spectacular take-over bids, during the last generation, the turnover has gone up from under half a million to 20 millions and from losses up to approaching two million trading margin. The works are unrecognisably improved, amenities and working conditions likewise and our products finer, more scientific and comprehensive while at the

same time we have maintained our long-standing reputation for quality.

"Naturally, due to the size and type of our organisation I saw more of our general managers than the staff down the line and on the shop floor, though it was always a constant source of gratification to me to receive always such friendly greeting in the offices and in the works.

"The general managers were always my loyal friends, and perhaps the younger ones will not mind my mentioning the older hands, my near contemporaries: Norman Allison, Percy Corney, Frank Shepherd, Robert Sturges, Arthur Chilton, George Allen, George Jones, Harry Stayman, Harry Cussons and those who have retired before me.

"I would like also to pay special tribute to my chief personal assistants — Ben Elliott, long since retired; Ronnie Purnell, now general manager, Head Wrightson Teesdale Ltd., and Lawrence Smith, now the present chairman's personal assistant.

"It has been one of my sayings that 100 per cent. loyalty and 70 per cent. efficiency is better than 100 per cent. efficiency and 70 per cent. loyalty. I have been fortunate in that I have had from my general managers and personal staff 100 per cent. efficiency and might I say 120 per cent. loyalty. I tried to make the formula reciprocal, and I hope they occasionally found it so.

"Many forget that in the depression Thornaby was worse employed than Jarrow, though Jarrow got more publicity. We had three shipyards in the 1920's: Ropners, Craig Taylors, and Richardson Ducks, and all folded up, with the consequent heart-breaking unemployment and the general depression in the local community.

Soundly Based Firm.

"If for no other reason, those of us who have worked here during the last generation should find much satisfaction, despite the slight ups and downs that must persist in a free community, in providing employment for some 5,000 people, and of a continuing higher standard of technique, accompanied by a higher standard of living.

"I would emphasise that if we are to keep having it good our younger people especially should realise that an increasing standard of high technical ability is required, and that for economic production a high load-factor on the machines and equipment is necessary, due to the high capital costs. Spasmodic interference with production, from which Head Wrightsons have been happily free, is a reversion to the bad old days; and as it increases costs it lowers the standard of living all round.

"Head Wrightsons today is very soundly based. I see every reason why we should continue to make progress, so that our children and grandchildren shall have happy lives. There should be many good things in store: higher wages, a shorter working week, and a more satisfying use of leisure; but it must always be remembered that these improvements have to be earned".

Parent Board directors present in addition to Sir John and Mr. Peter Wrightson were Mr. Kenneth Hickman, Viscount Ridley and Mr. N. C. Lake.

INDIAN STEEL WORKS, DURGAPUR

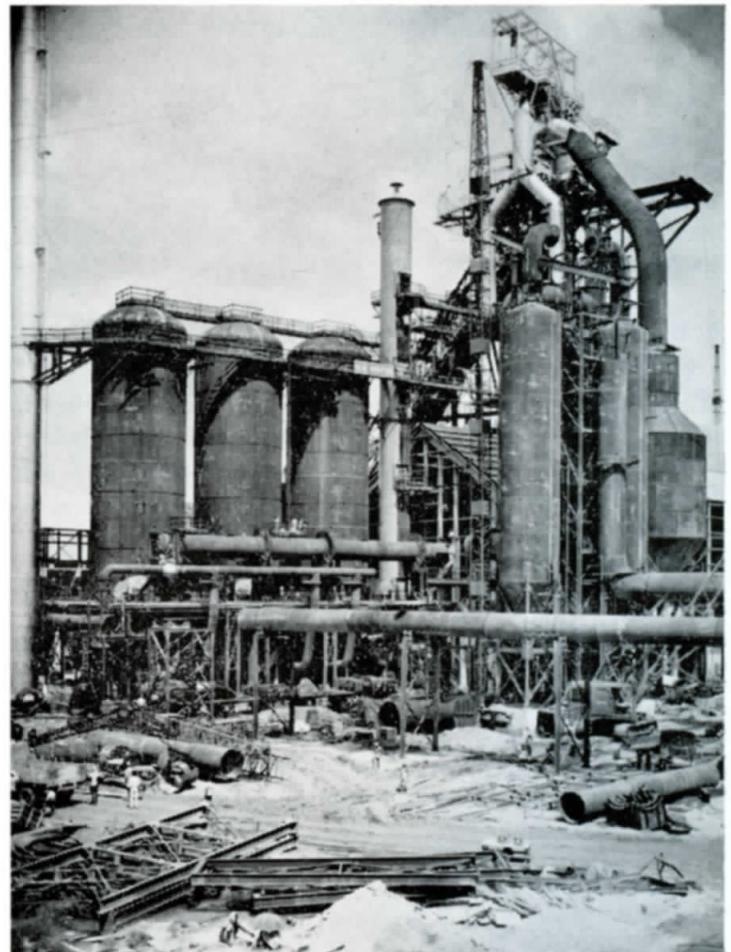
by W.A.



Blast furnace site before commencement of civil work

It is perhaps not generally known that Head Wrightson Iron & Steel Works Engineering Ltd. has, between March 1957 and January 1960, established an organisation in India which directly employs almost the same number of people as the U.K. company.

The organisation was developed to effect the construction of three blast furnaces together with the necessary gas cleaning plant, pig casting and ore blending plant for the ISCON Durgapur steelworks project



Dagapur 10-8-59 B.F. No. 1 from S.E.

for the Government of India; the overall ISCON project represented the largest ever British export contract and there is now some possibility of even further expansion.

Durgapur is located 120 miles North West of Calcutta, on the Grand Trunk Road in the state of West Bengal, in an area typical of the plains of India. Much of the area is paddy field, but there are long stretches of flat, uncultivated land with some patches of scrub jungle.

Fig. 1. shows the Blast Furnace site in October 1956, when the contract was signed. In the early days, the leaning palm tree shown was used as a land mark to signify that we had travelled far enough from Calcutta and had, in fact, arrived in Durgapur.

In March 1957, Bill Adams and John Lander arrived at Durgapur and vainly tramped around this paddy field trying to locate the centre of No. 1 Blast Furnace and, of course, somewhere and somebody to build a site office. The end of the same month saw Andrew Mair installed in our Calcutta Office, ably assisted and advised by Mick Jenks, resident in Calcutta for Head Wrightson Export Company.

By July 1957, Bill Adams had arrived in Calcutta on permanent duty followed, in October, by Len Matson and Jim Richards. Meantime, on site, Alex Pulimood had joined us from F. C. Construction Co. and Adams, Lander and Pulimood are secretly rather proud that in sharing one double room, as the only available accommodation at Durgapur, it was possible to roll straight out of bed and into the chair at the office desk. The reverse procedure was equally operable and has much to recommend it.

It was about this time that John Lander employed a bearer who has been with him ever since, namely Beni



No. 2 furnace in background on right



Mr. Peter Wrightson being presented to Dr. Prasad, President of India, on the occasion of the inauguration of production at Dagapur Steelworks on 29-12-59

Ram, and it is probably true to say that Beni Ram proved as good a guide to Head Wrightson fortunes in India as many of the reports we produced.

Our site office had to be designed initially to include living accommodation, which at that time was in exceedingly short supply at Durgapur and because of this, probably proved eventually to be the most luxurious site office Head Wrightson have ever possessed. Certainly the most comfortable.

Accommodation was by no means easy in Calcutta and only an enthusiastic staff making light of difficult problems saw us fairly well established, both at site and Calcutta, by the end of 1957.

In work, of course, there were problems in many and we can summarise much hard work, determined effort and frustration in:

(a) Purchasing and effecting delivery to site of 9,000 tons of Indian-made structurals and pipes, 20,000 tons of Indian-made refractories, a variety of orders for erection and site services, together with a host of minor orders covering transport, furniture, refrigerators, air conditioners, office and field equipment and, even throughout failing supplies during the import restrictions, food and drink.

(b) Urging the civil engineering work against the supply of working drawings.

(c) Making the site ready for the reception of 30,000 tons of F.O.B. material to be off-loaded, stored and erected.

Probably the years 1957-60 in India are best divided into:

One year of planning and making preparations to do the job.

One year of correcting plans and preparations which has gone astray although this was by no means always within our own control.

One year of intensive effort to complete the physical construction work.

Jack Hall joined us in February 1958, and by March 1958, we were able to make a start on the furnace itself. During this year the site was heavily reinforced by the arrival of Richie Dover, David Colville, Neil Gray, Bernard Rogers and Bill McAteer, and in August 1958, we moved our main office from Calcutta to Durgapur.

In 1959, it was a long hard uphill struggle and even though we were joined that year by Ron Nettleton, Ellis Page and Reg. Brotton, we were forced, in August, to adopt desperate emergency measures and use short term staff, namely:

Doug. Loach (F.C.C.), Ernie Chapman, Roly Bridgewater (Tattersalls), Len Hodgson, Jim Langstaff, Doug. Vernon (Consett Iron Co.), to intensify efforts in the closing six months of the Stage I contract.

Well deserved mention must, of course be made of the sterling and continuous efforts made by our Indian staff and our thanks are due to A. Pulimood, G. Singhal, S. K. Bagchi, B. L. Ram, R. D. Bansal, S. F. Khasgiwala, G. Silva, V. Krishnamurthy, K. Nagarajan, K. P. Chatterjee, P. Desilva, P. K. Mondal, C. Gordon, A. K. Kundu, V. P. Beresford, P. Iyer, V. Morton, amongst the many others of our staff, all who have proved, and still are, loyal servants of Head Wrightson in India and without whom the job could not have succeeded.

It is, of course, also a matter of fact that the immense amount of paper work necessarily a part of a large consortium project in public works, oftentimes calculated as a ton of paper per ton of steel erected, would never have been legible without the able assistance of Mrs. Townsend, Miss De Silva, Miss Pedroza and Miss Frost.

Taking up a job in India is closely akin to stepping into a different world and Hollywood can be very misleading on this point.

It is difficult to visualize Thornaby from Durgapur and perhaps even more difficult to visualize Durgapur from Thornaby. On the famous, but scarcely attractive ride from Dum Dum (Calcutta Airport) to the city with new arrivals we have learnt to watch for signs of reaction and are ready with hasty reassurances that all India is, of course, not like this.

Arrival at the Grand Hotel or at Head Wrightson's modern flat in Raja Santosh Road, Calcutta, is probably better than all the verbal reassurance, and with the Western type food, comfortable accommodation, coupled with concrete evidence of ample liquid refreshment for resistance to the heat and dust, there is obvious relief that civilisation abounds, although the background is a little different.

We must mention, of course, our great debt to air-conditioning with which the new arrival is rapidly acquainted as it is only by use of this modern device that one can tolerate working seven days in the week.

Our arrival now receives, through Calcutta office, a settling-in allowance in rupees and this is usually followed by a visit to the bank to open an account and to the bazaar to obtain basic tropical kit. Here it would appear that Calcutta office have already circulated the news of the visit to every beggar, trader and merchant in Calcutta's famous "New Market".

Paper work commences immediately with registration with the U.K. High Commissioner, Medical insurance applications, bank account arrangement for U.K., application for membership of the ISCON Club and possibly other clubs in Calcutta.

A day or two in Calcutta to catch up on sleep (not the best of places) and make sure there is no evidence of dysentery and then up to Durgapur by road or rail. Three hours by the latter and by the former anything from 3½ to 5 hours, depending upon:

- (a) The driver.
- (b) The state of the transport.
- (c) The state of the roads, particularly during the monsoon.
- (d) The traffic incidence between Calcutta and Chandranagore.
- (e) The disposition of the lorry drivers.
- (f) The number of level crossings found to be open, and,
- (g) The state of our visitors nerves.

The first sight of Durgapur can be very reassuring, even if it only revokes the original belief that the car would never make it.

It is always unexpected to run across a 100 miles of the plains of India and then suddenly come upon, on the left hand side of the Grand Trunk Road, the towering colossus of a modern Iron and Steelworks and a very natural reaction is to wonder how on earth it got there; anybody on our site will devote much time to telling you. Two miles to our right we have a new modern Township built by the Indian government to house both construction and plant personnel and where, since August 1959, we have only had the ISCON Club and swimming pool. Here, perhaps, the only other entertainment which has not to be self-provided is speculation on the infrequency of the electric supply and why everybody's water supply works but one's own.

Perhaps it should be made clear to anyone contemplating a visit to Durgapur that the "tourist", or indeed what is known as the "directors season" commences early in November and finishes about the end of February. There is little doubt that during this time the climate makes up for the heat and dust of the hot season and the rain and humidity of the monsoon season. There is certainly, at this time, great recompense for the climate during the rest of the year and the weather behaves exactly as a British summer is supposed to in the holiday guide books. Again, at this time of the year, site engineers are most amenable and have even been known to smile, except perhaps, in 1959 up to December 29th.

Of course, to those who were and are, at Durgapur on site, there are many incidents which will forever form talking points and landmarks as long as "shop" is talked. Of these which are publishable, who will forget the discovery of the dead cow on No. 1 furnace highline and the rapid and effective action by Ritchie Dover, our summarily appointed "Disposal Officer". The visit of the Duke of Edinburgh early in 1959 was, of course, a great event, but who will forget that only a matter of days earlier we had a full scale strike on our hands and with our great friends and main sub-contractor Messrs. Bridge and Roof had had to travel between office and township in convoy under police escort.

Breakages in transit of cast iron specials from U.K. gave us immense trouble throughout the job and it will always be easy to recall John Lander steadfastly refusing

to accept delivery of specially made replacements until he, personally, had tested each one with a hammer.

The monsoon of 1959 taught us a great deal of respect for monsoon conditions and with great respect to Mr. D. J. Bell, ISCON's Resident Director at Durgapur, we never want to attend another progress meeting prefaced by what became a classical, but quite erroneous remark, "We can now assume that the monsoon has finished". These meetings were, of course, usually late as the roads were quite impassable due to heavy flooding.

Those who took part in the Head Wrightson precipitator tube degreasing campaign of late December 1959, have reason to be justifiably proud, but perhaps the exact timing of this operation is best not specified. Certainly if anyone requires a precipitator degreasing in a hurry, Durgapur can supply an experienced team who carry battle scars, if not battle honours.

Perhaps above all, December 24th when the furnace was blown in and December 29th when the plant was inaugurated by the President of India, Dr. Prasad, provide the most memorable occasions which brought to fruition a great deal of hard work and sustained effort by the Head Wrightson staff, the staff of all sub-contractors and of course, the staff of the many companies working in association on this project. There is in existence a photograph showing Mr. K. Sen (General Manager Hindustan Steel Limited, Durgapur), Mr. D. J. Bell (ISCON) and Bill Adams on the cast house floor at 10-45 a.m. on 24th December and they are all smiling; this is probably the outstanding achievement in co-ordination on the project.

The Inauguration of the Plant, on December 29th, proved a tremendous success and the Company was represented by Mr. Peter Wrightson, who was presented to the President of India.

The culminating moment was, for Head Wrightson staff (and others), when iron appeared over the runner snouts and into the ladles exactly in response to the lever depressed by the President.

Surprisingly enough, time passes all too quickly in India and is usually far more scarce than that shown on the erection programmes. Head Wrightson/Bridge and Roof cocktail party of 8th January, 1960, really marked the close of Stage I (there is, even at Durgapur, an occupational disease known as "Stage I Tap") with suitable ceremony. Before long the emphasis came on to the Stage II programme and with some few staff changes we are now striving for completion of No. 2 furnace, for which we trust an equally successful chronicle will soon be written.

Saying "Goodbye" is always a sad occasion and perhaps in saying "Thank you" to all those who worked so hard and loyally on No. 1 furnace at Durgapur, and as an expression of the high regard for our colleagues, associates and many good friends in India, we may be allowed to quote from an extract from a report received after the blow-in:

"The plant is a good one, well designed and constructed.

Difficulties there certainly were in the beginning, some rather unique, to say the least, but problems are meant to be solved and they were, by a quite remarkable team spirit, hard work, diplomacy and good humour".

Last, but by no means least, we must say "Thank you" to the H.W. wives, who so forbearingly made it possible for us to devote so much time to working and to talking about work, and who have undoubtedly contributed much to the success of the project in particular and to the community life in general at Durgapur.

HEAD WRIGHTSON EMPLOYEES' COUNCIL

GENERAL FUND

Income and Expenditure A/c. for year ended 31st December, 1959

1958		1959		1958		1959	
EXPENDITURE				INCOME			
£	£	£	£	£	£	£	£
Subscriptions :				Employees' Contributions :			
950	Ropner Convalescent Home	1000		1410	H.W. & Co. Ltd. ...	1486	
2777	Manor House Hospital ...	2564		2138	H.W. Teesdale Ltd. ...	2151	
1200	Social & Athletic Club ...	1200		251	H.W. Iron & Steel Works		
200	Dr. Barnardos Home ...	200			Engineering Ltd. ...	267	
300	British Red Cross ...	300		1001	H.W. Stockton Forge Ltd.	947	
5427	—	—	5264	679	H.W. Iron Foundries Ltd.	538	
Donations :				1628	H.W. Steel Foundries Ltd.	1327	
60	Institute for the Blind ...	60		1005	H.W. Stampings Ltd. ...	817	
10	Nat. Fed. O.A.P. Assoc. ...	10		969	H.W. Machine Co. Ltd. ...	908	
10	League of Friends —			66	H.W. Aluminium Ltd. ...	—	
	Stockton & Thorn. Hops.	10		108	H.W. Coll'ery Eng. Ltd. ...	107	
	R.S.P.C.A. ...	1		9255	—	—	8548
	'Save the Children Fund...	—		500	Company's Contributions		500
25	British Empire Cancer			367	Interest on Investments —		
	Campaign ...				Gross ...		380
125	—	—	81				
Grants to Employees :							
2529	Sickness Grants ...	2403					
195	Hardship Grants ...	205					
78	Death Grants ...	35					
2802	—	—	2643				
Retired Employees :							
110	Summer Outing ...	161					
76	Christmas Gifts ...	84					
186	—	—	245				
Employees Childrens' Treat :							
460	Pantomime ...	496					
154	Income Tax on Interest on						
	Investments ...	153					
11	Audit Fee (proportion) ...	10					
36	Sundries (Printing, etc.) ...	3					
10	Ropner Convalescent Home—						
	Representatives Expenses	13					
35	Fruit & Vegetable Show ...	38					
246	—	—	217				
5246			8946				
876	Surplus for year ...	482					
£10122		£9428		£10122		£9428	

HEAD WRIGHTSON SOCIAL AND ATHLETIC SECTION

BOWLS INTER-DEPARTMENTAL

Rink of 4 Players

PRELIMINARY ROUND

A	Colliery Division	v	McKee Division	Tuesday, 5-7-1960
B	Teesdale Machine Shop	v	Egglescliffe Foundry	Tuesday, 5-7-1960

1st ROUND

1	B	v	Seaton	Thursday, 14-7-1960
2	General Office	v	A	Thursday, 14-7-1960
3	Middlesbrough Works	v	Forge Bridge Yard	Tuesday, 12-7-1960
4	Planning Department	v	Maintenance	Tuesday, 12-7-1960
5	Teesdale Bridge Yard	v	Forge Machine Shop	Tuesday, 12-7-1960
6	Middlesbrough Staff	v	Stockton Steel Foundry	Tuesday, 19-7-1960
7	Forge Office	v	Research and Development	Tuesday, 19-7-1960
8	Teesdale Steel Foundry	v	Teesdale D.O.	Tuesday, 19-7-1960

2nd ROUND

9		2	v		
10		6	v	3	
11		5	v	1	
12		8	v	7	

3rd ROUND

13		12	v		
14		11	v	9	

Dates have been fixed for this one Rink Interdepartmental, but may be played before 21st July by mutual arrangement, if secretary is first contacted to see if the green is available. (A. Littlewood. Tel.: 246)