END OF CONTRACT LOCOS AND WAGONS FOR SALE

These vehicles were built in 2006 for a London underground contract on the Waterloo & City and East London Line contracts and are now available for sale.

4 X Clayton 15/16 ton battery locomotive with extra fittings and 8 associated Philmor low height wagons. A full service history, performed by the manufacturer's is available together with original specifications.

The locomotives would be of use as a depot shunter, Tram/Metro shunter or main line contractor.

The wagons would suit a contractor using on line plant or heritage railways requiring low height wagon. Two Bance rail trolleys are also available as are a number of spares. For full details or to arrange a viewing please contact;

Andy Driscoll,
Project Controls Manager,
London Overgrounds Infrastructure,
0207 826 4872
07775971812
Andrewdriscoll@tfl.gov.uk

More photos and details on
www.tractionads.co.uk/agency
JONES SPRINGS (ENGINEERING) LTD
Established in 1949, we manufacture new suspension springs and also offer a repair service for locomotive, carriage and wagon springs. A load testing service is available, complete with certificate at a competitive price. Contact;
Carl Jones or Kevin Partridge.
Gladstone Street, Darlaston,
West Midlands, WS10 8BE
Tel. 0121 568 7575
Fax. 0121 568 7692
www.jones-springs.co.uk

CASTING SERVICES
Cast iron, Steels, Bronzes, Gunmetal and Aluminium castings. Manifolds, Brake shoes, Axle bearings, Firegrates, etc.
Restoration work, replacing worn or damaged parts. Little or no tooling costs. Castings in virtually any material. Full patternmaking, conventional & CNC machining facilities. Existing castings repaired. Welding or cold processes. We can help design or manufacture from sample or drawing. Urgent requirements with 24 hour turnaround possible.
Give us a call to discuss your requirements, no job too small.
 Casting Services, Mob 07717 734483. Fax 0116 2102647
64 Highway Road, Thurcaston, Leicester, LE4 8FQ.
casting.service@ntlworld.com www.castingservice.co.uk

RAILWAY WHEELSET & BRAKE LTD
Wheelset products:
We supply a full range of UK mainline approved components
ROLLED TYRES-FORGED AXLES-SOLID WHEELS
Carriage & Wagon brake:
All your brake requirements
VACUUM CYLINDERS-VALVES-SPARSE PARTS
Call us to discuss your requirements
280 Bawtry Road, Wickersley, Rotherham, S66 1JY
Tel: 01709 542907 Fax: 01709 701082

Rail Restorations North East Ltd
SHILDON CARRIAGE & WAGON WORKS
Hackworth Industrial Park, Shildon, Co Durham, DL4 1HF

Quality First
For a complete coachbuilding and vehicle refurbishment service. Main Line and Heritage work undertaken. Large workshop with vehicle lifting facilities. Traditional methods-craftsmen built railway coaches & wagons. Road vehicles, buses & lorries. Competitive pricing with good value.
Tel: 01388 777138
Derek 07971 100092 or Mike on 07974 969058 (Eve) Please check out our web site and email your enquires.
www.rail-restorations-north-east.co.uk

Applied Inspection Limited is an ISO 9001:2008 and Link-Up accredited NDT services company providing Non Destructive Testing, Welding, Welder Training and Materials Testing both on site and from one of three fully equipped laboratories in the UK.
Applied Inspection has a world wide reputation for providing highly professional NDT services to a vast range of industries.
We provide NDT services across the RAIL, industry and provide services to most of the main line companies – Our 24 hour – seven days a week NDT service ensures that we’re always available to our customers.
Our major strength is a superb team of highly qualified and experienced personnel, the majority of whom have been with us for many years; we are now widely renowned for being one of the most qualified NDT services companies in the UK.
Roy Archer, Rail Technical Manager.
Applied Inspection Limited, Railcare, Springfield Depot, 79 Charles Street, Glasgow G21 2PS
Tel: 0141 5770186, Mobile: 07977 980491
roy.archer@ntlworld.com www.appliedinspection.co.uk

Call for our procedures for Heritage Railways
Advert kindly sponsored by West Coast Railways

To give a guide to Heritage Railways
Applied Inspection Limited has produced a policy for NDT TESTING OF AXLES FITTED TO HERITAGE RAILWAYS
Part of the policy can be seen below but for the full policy and details go to www.tractionads.co.uk. Or contact roy.archer@ntlworld.com 07977 980491

Current Regime
Ultrasonic Axle Testing and or Eddy Current Inspection are currently carried out on wheelsets fitted to stock that run on NR lines. Regarding Steam Locomotives, this is usually every 3.5 years and for coaching stock every 3 years. In addition wheelsets that receive overhaul and turning attention are usually tested. Diesel Locomotive axles including multiple units are usually tested more frequently to established frequencies. There are UAT procedures in place for ex British Rail Diesel Locomotives, DMU’s and Coaching Stock, but not for Steam Locomotives.
Where procedures are not available i.e. Steam Locomotives this work is carried out by experienced Axle Testing Level 3 Engineers only. Regarding all axles running in-service on Network Rail Lines, they get periodic Ultrasonic Inspection and at least initial evaluation over a pit with more extensive ultrasonic testing and also by Magnetic Particle or Eddy Current. Where testing is required in order for the vehicle to have a transit move only on Network Rail Lines, a basic Ultrasonic test is carried out from the axle ends.

PRIVATE HERITAGE RAILWAYS (STANDARD GAUGE)
It is currently not a requirement for Private Railways to have their axles tested, but some do. Regarding Standard Gauge stock the testing regime pattern adopted in those cases is similar to that required by Network Rail and Eddy Current Inspection may be carried out at the second UAT i.e. 6 years.
Applied Inspection in the above case have a policy that initial work is carried out by a Level 3 Engineer and may also be delegated to a Level 2 Axle Testing NDT Engineer. All testing of axles to be carried out without a trace pattern shall be tested by a Level 3 Axle Testing NDT Engineer. Regarding ex British Rail stock fatigue cracking over the years has not been a major issue on heritage railways.

PRIVATE HERITAGE RAILWAYS (NG &MINIATURE)
This is by far the section where axle testing is the most difficult and if this work is required to be carried out, the axles shall always be initially inspected by an experienced axle testing Level 3 Engineer. A higher risk of cracking occurring can be because of axle poor design criteria, narrow diameter axles, non-standard steel material used, repairs carried out over the years and in some cases a history of cracking. Therefore the following evaluation shall be carried out by a Level 3 Engineer prior and during the testing. Overall visual examination of the wheelsets and arrangements. Evaluation of axle material used by Eddy Current. Evaluation of the transparency of the axle steel for ultrasonic test. Evaluation of design and stress concentration areas such as sharp corners or radii. Driving axle arrangements to be evaluated to look for high torque/stress concentrations and any attached components such as webs, con rods and inside cranks that may additionally require testing. Evaluation of any corrosion levels on the axles. Evaluation of access for the NDT processes. Evaluation of any equipment required to be stripped for access. Evaluation of any history of cracking or repairs or welding. Ultrasonic axle testing from the axle end may not be suitable on some designs particularly where the axle is very narrow and in these cases it is preferred to carry out Eddy current testing of the axle body and shear wave ultrasonic testing into the wheelseat areas. On driving axles this may not be possible and other ultrasonic techniques may be required. Regarding trailer axles access to the axle body areas may be only available positioned over a pit, or with bogies removed. Where the steel material has low ultrasonic transparency properties Eddy Current inspection should be adopted where possible and special high penetration ultrasonic probes adopted for any ultrasonic testing. Where it is a possibility that any weld repairs have taken place on the axle body and it is not evident because of flushing off, a special Eddy Current examination can determine these areas, even through paint. Roy Archer Technical Manager (Rail) Applied Inspection Ltd
B&B TRACK SERVICES

Plant hire for heritage and private railway track maintenance

Plant available for hire includes:-
- Sleeper changer
- 07-16 Plain line tamper
- 07-275 P & C tamper
- Jacker packer
- Personnel carrier

For more information and a competitive price contact
Bob Foster
Mobile: 07829 890814
Email: bob.foster57@sky.com

WANTED Engine Components for McLaren diesel engine for Fowler shunter. Or Manuals. Anthony 07849 855034

Vacuum brake and spill tanks to R.S. and
BR standards plus all other railway rubber
hoses made to order with no minimum quantity.

Halyard (MF & D) Ltd, Cerambond Division,
Tel: +44 (0)23 8258 8278 Fax: +44 (0)23 8258 2862
technical@halyard.eu.com www.halyard.eu.com
Manufacturers of Refractory Cement, Fire Cement, Fire Bricks, Refractory Castable, Acid resistant Cement and Zircon Refractory Products.

Are you still using fire cement when pouring white metal bearings? We have a specially developed product for this called 'Premium 1P' which adheres well and is easy to remove afterwards saving on machining time and costs.

We supply firebricks & refractory castables for the brick arch & ceramic fibre blankets for boiler insulation.

VITCAS LTD, 8 Bonville Road, Bristol BS4 5NZ
Phone 0117 911 7895 Fax 0117 971 1152
info@vitcas.com www.vitcas.com

Boiler Problems?
- Annual inspections undertaken
- Defects investigated and expert advice given
- Repairs and modifications authorised and overseen
- New boilers designed and CE approval obtained
- Written Schemes of Examination compiled

Also engineering design of rolling stock and equipment, inspection of compressed air reservoirs, etc.

Graham Morris BSc, CEng, MIMechE
01327 872148 / graham@gmel.co.uk
Graham Morris Engineering Ltd

TRACY TOOLS Ltd
01803 328603
Suppliers of Standard & Special Thread Taps & Dies.
Give us a call or check out web site www.tracytools.com

Special
THIS SPACE COULD SELL FOR YOU
£100 for a year
In B&W

K.G.J. Price (Railway Contractors) Ltd. is a specialist railway company that manufactures, installs, maintains, and repairs railway tracks throughout the UK, servicing many different sectors including industrial, heritage and narrow gauge railways. Established in 1985 we have large stocks of all types of PW equipment with manufacturing facilities. Please check our new web site.

K.G.Price,
Pant Glas Industrial Estate,
Bedwas, Caerphilly, CF83 8DR
029 2088 9220 www.kgprice.co.uk

We offer design, repair and overhaul of components including reverse engineering, manufacture from drawings & machining of your own components. Facilities include multi-axis machining utilising both conventional and CNC equipment.

European Agents & Distributors of Locomotive Horns from AIRCHIME
Sales-Overhaul-Maintenance
Pressure gauges, Horn control & Check valves, Horns & Whistles.
Trent Instruments, Unit 39, Nottingham South & Wilford Industrial Estate,
Ruddington Lane, Nottingham NG11 7EP
Tel 0115 9696188, Fax 0115 9455696 e-mail sales@trentinstruments.co.uk
www.trentinstruments.co.uk
Traction & Rolling Stock Advertiser is sent out FREE to Heritage Railways, Industrial Railways, Tramways, Metros and also most Main Line Railways in the UK and their contractors or agents. Produced every two months, it acts as a trade directory and goes straight to the Managers and Engineers in a handy size that can be put on to the notice board or filed in a desk draw for future reference. The details advertised in this publication have been supplied by the advertisers and Traction & Rolling Stock Advertiser cannot guarantee the details or the ownership of any vehicles or parts advertised. It is the responsibility of the reader to independently check the quality of services advertised.

Editor, Ray King. Admin, Davina King. Website hosted by DatatechDTP Phone or Fax: 01379 651683 email: rayking@tractionads.com

All adverts go onto our site www.tractionads.co.uk

Lineage adverts vehicles/parts & services €17 per insertion up to 18 words.
Displays, B&W, vehicles/parts & services start at €40 (double column width) 3 cm depth large discount for a year insertion.

Colour price are 40% above B&W prices. Call for Front or Back positions.

T&RSA is sent out the first week of Feb, April, June, Aug, Oct & Dec.

ADVERTS FOR THE NEXT ISSUE MUST BE WITH US BEFORE Thurs 24th May 2012

Vehicle Service. If you cannot find the vehicle you want in the present issue please give us a ring, we may be able to help from the stock of our advertisers or past issues or we can sell your vehicle as an agent. Or any Railway Related Problem.

Traction & Rolling Stock Advertiser, 82 Louies Lane, Diss, Norfolk IP22 4QN

(CSuccessor to E.E.Baguley & Baguley Engineering)

Wheels and axles up to 44”dia.
Tread overhauled/re-gauged.
Tyres supplied, wheels re-tyred or re-profiled.
CNC capability for axle manufacture, all sizes, batch or single manufacture.
240 ton horizontal press for axle dismantling/assembly.
www.baguleyprecision.co.uk
baguleyprecision@cmsgcepcor.com
Baguley Precision Engineers Ltd, Unit 1, Malting Ind Est, Derby Road, Burton upon Trent, Staffs, DE14 1RN.
Contact Tel 01283 566751 Fax 01283 510010

Tested Spring Co Ltd

round, square & rectangular section springs for Locomotives, Carriages and Wagons.
Suspension, Buffers, Valves, Piston glands & doors etc.
call
Mark Woodward or Murray Eades
Phone 0121 557 2308, Fax 0121 557 4031
Visit or leave an enquiry at www.testedspring.com

CLYDE Rail Spikes

Suitable for rail weights 9kg/m to 40kg/m (20lb/yd to 80lb/yd)
Glasgow Steel Nail Co Ltd
Lowmoss, Bishopbriggs, Glasgow G64 2HX
Tel 0141 762 3355 Fax 0141 762 0914
www.glasgowsteelnail.com

PROFESSIONAL HEALTH & SAFETY ADVICE
Safety Awareness talks for volunteers, H&S Policies, PUWER, LOLER, Electricity, etc.
David Martin Technician Member (IOSH)
Tel; 01454 615235, Mob; 07770466883 davidamartin.safety@googlemail.com

ANDERSON CARRIAGE & WAGON
FOR ALL YOUR VEHICLE RESTORATION NEEDS
FULL OVERHAULS OR MINOR REPAIRS UNDERTAKEN TO CARRIAGES OR WAGONS
Vehicle painting service
Bodywork repairs
Interior restorations
Graffiti Removal
Call to discuss your requirements
Telephone: 07729 542279
E-mail: andersonc&w@hstmail.co.uk
Proprietor: Wendy Anderson
5, WILLOWFIELD CRESCENT, BRADFORD, BD2 1LJ
Reid Freight Services Ltd.
Unit 8-10 Cinderhill Industrial Estate, Weston Coyney Road, Longton, Stoke on Trent, Staffs ST3 5LB.
01782 599581
Davechrist@reidfreight.co.uk for a competitive quotation