

Curriculum Vitae (Railway)

Neil James Carr

Date of Birth: 6th January 1966

Nationality: English (Born in Oxford)

Present Address: 34 Church Lane
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Education (From Secondary School Level)

Lord Williams's School, Thame, Oxfordshire. 1977 - 1984

Qualifications attained:

C.S.E	Technical Drawing	Grade 1	June 1982
O- Level	Mathematics	Grade A	"
"	Physics	"	"
"	Chemistry	"	"
"	Geography	Grade B	"
"	Computer Studies	"	"
"	English Language	"	"
"	Biology	"	"
A- Level	Mathematics (Pure & Applied)	Grade A	June 1984
"	Physics	"	"
"	Chemistry	Grade B	"

University of Newcastle upon Tyne. 1984 - 1987

Department of Electrical Engineering.

Qualifications attained:

First class honours degree in Electrical and Electronic Engineering. BSc. (Hon's)

Awarded the David Inglis Dawbarn prize for academic achievement in the final year.

Current Employment

August 2005 - Present

Self Employed: Heritage Railway engineering.
Freelance broadcast and IT engineering.
HGV driving.

Notable Railway Contracts.

March 2010 – February 2011:

Mechanical and electrical installation of lower quadrant signalling at Bodmin General. Refurbishment, fabrication and installation of signal parts; implementation and modification of electrical drawings.

Jan 2009 – March 2010:

Modification of Toddington signalling to operate north extension. Installation of signals, motor points, ground frames, design and install of electrical locking and indication, extension of lever frame and fitting of second set of locking trays. Testing, commissioning and passing out by HMRI.

September 2007 – November 2007:

Convert ex BR TPO carriage into washing up and storage car for dining train. Design electrical and plumbing systems including water storage, pressurised cold water system, 80 gallon hot water storage, industrial dish washers and double sinks.

September 2006:

Repair of broken driving spring on City of Truro at Shildon. Jacking loco, removing spring, taking spring for rebuild and then re-fitting.

August 2006:

Caretaking City of Truro at the Strathspey Railway. Looking after the loco, ensuring correct use. Repairing a few steam fittings and carrying out a boiler washout.

July 2006:

Strip down City of Truro front end and remove and re-fit leaking steam pipe. Remove valve covers and valves for inspection/ring replacement and remove cylinder covers for inspection.

January 2006 – May 2006:

Work on Elegant Excursions kitchen car for Andrew Goodman. Removed and relocated seating. Removed steam radiators and shields. Removed existing kitchen. Repaired and lined floor ready for covering. Measured, got cut, shaped and fitted stainless steel wall sheeting. Designed and had fabricated stainless steel cooker hood. Re-wired and re-plumbed kitchen area. Installed stainless steel sink unit and work tables. Designed and installed fan assisted extraction system.

January 2006:

Wrote method statement for removal of boiler of Rhodesian locomotive 390 with suspected asbestos contamination.

December 2005 – February 2006:

Removed side rods, brake rigging, injectors, steam brake cylinders, brackets and all associated pipework from City of Truro to allow removal of rear wheel set for repair of loose crank pin. Supervised lift, removal of wheelset and storage of loco on an accommodation trolley. Supervised second lift to re-fit the repaired wheelset. Re-fitted all the equipment that was previously removed, making new gaskets and using new split pins. Documented the repair for the NRM records.

As a Volunteer

2003 – Present Gloucestershire Warwickshire Railway:

Volunteered in steam department, became repair engines manager supervising maintenance and records. Elected operations director, timetabling, rule book, HMRI liaison, rosters. Joined S&T department, currently carry out S&T electrical and mechanical restoration and installation/repair.

1995 – 2002 Didcot Railway Centre:

Dismantling and restoring Collett 2-8-0 3822. I was involved with initial dismantling, boiler tube removal, removal of boiler fittings, removal of wheels on the wheel drop. Measuring and machining of new axlebox brasses and white metal faces. Rebuilding of valve motion. Re-fitting of boiler. Re-install of superheater header and superheaters, steam pipes and fittings. Manufacture and fitting of damper rods on new ashpan. Many other smaller engineering jobs.

1994 Didcot Railway Centre:

Helped with the restoration of TPO 814 and carried out final top coat paint.

Preserved Railway Qualifications

Gloucestershire Warwickshire Steam Railway

June 2006 – present: Operations Director GWSR plc.
Dec 2004 – June 2006: Repair Engines Manager, GWSR Steam Dept.

April 2011: Qualified as DMU driver.
Sep 2010: Qualified as diesel loco driver (Class 37).
Dec 2007: Qualified as signaller, all boxes.
July 2006: Qualified as steam driver.
July 2005: Passed as boiler competent.
June 2005: Qualified as 03 diesel driver.
April 2005: Qualified as steam fireman.
July 2004: Qualified as signalbox ground frame operator.

Didcot Railway Centre

1996: Qualified as steam fireman.
1995: Passed out as boiler qualified for washouts and gauge frames.
1995: Qualified as TPO operator.
1995: Qualified as site shunter.

Other Relevant Information

I hold a current PTS (West Coast Rail Training)
I hold a full current British driving licence, including HGV1.
I hold a British passport.
I am in good health and have no medical problems of which I am aware.
I have good sight and hearing and have normal colour vision.

Hobbies and Interests

I have been involved in the sport of Tractor Pulling and have helped with the preparation and staging of events. Tractor pulling is a motor sport which involves pulling a device, called a Weight Transfer Sledge, as far down a track as possible using a modified farm tractor. There are several classes of tractor and some bear little resemblance to farm tractors, many are fitted with aircraft engines or large supercharged V8 engines and can produce up to ten thousand horsepower.

I am also a keen motorcycle enthusiast since passing my test in 1996. I regularly visit the Isle of man for the TT races and marshall on the circuit at Sarah's Cottage.