

GLEN J NORRIS

CAD HVAC / Ductwork Design Draughtsman

Chandler's Ford, EASTLEIGH. SO53 2DH

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Qualifications: Mechanical and Production Engineering TEC III First Class Pass **D.O.B.:** 27 June 1959
Mechanical Engineering Technician T2 First Class Pass **Marital Status:** Married

Training: Air Conditioning and Refrigeration Technology; Parts 1 and 2; Business Edge Ltd.
MicroStation HVAC Eden Code Course; Intergraph Training Centre.
BCS Level 2 Certificate in IT User Skills, Learn Direct
Advance Microsoft Excel, Intermediate Microsoft Access. Eastleigh College.

Software: MicroStation, AutoCAD, AutoCAD MEP, PDS, PE-HVAC, Triforma, HVAC for Triforma,
Equipment Modeling, Interfacet, PlantSpace & TeamMate.

Experience: Over 35 years of fabrication knowledge on ductwork and building issues, 3D modeller for various
CAD software. Site based or office working. Site surveys. Ductwork installer. Refrigeration installer.

Career History:

Feb. 2012 IAC, Winchester

Today **AutoCAD MEP Senior Mechanical Draughter**

Worked on 3D models for ductwork & mechanical services also 2D mechanical fabrication drawings for China & India projects.

April 2011 Gould Group, Eastleigh

Nov. 2011 **AutoCAD Ductwork Detailer**

Worked on company's contracts producing ductwork fabrication drawings, for fabrication & installation.

Dec. 2009 League of Friends Moorgreen Hospital, West End, Southampton

Dec. 2011 Voluntary work (League Disbanded in Dec 2011)

Designing & maintaining leagues web site and committee member, helping in the day to day running of the league.

Sept. 2009 WORLEYPARSONS, Brentford.

Oct. 2009 **MicroStation, PDS Equipment Modeling & AutoCAD Ductwork Co-ordinator**

Worked on completing Sakhalin II project for client handover

June 2009 WML Ltd, Eastleigh

Aug 2009 **AutoCAD Ductwork Detailer**

Worked on company's contracts producing ductwork fabrication drawings, for fabrication & installation.

Nov. 2004 WORLEYPARSONS, Brentford. / Pesaro, Italy.

Mar. 2009 **MicroStation, HVAC for Triforma, PDS Equipment Modeling & AutoCAD Ductwork Co-ordinator**

Worked on Sakhalin II project in Brentford & spent 6 months in Italy assisting ductwork vendor (Renco, Italy) to resolve issues to allow ductwork to be fabricated and complete approval of vendor documents.

Duties involved updating 3D models for input into SmartPlant. Also liaising with Hargreaves of Bury to assist in completion of sub ductwork orders for 3mm thick stainless steel ductwork & fume extract systems. NSV, Flamgard and other sub vendors. Checking of all vendor documents for inclusion into installation, commissioning and operating manuals. Also worked on KDPC project in Kazakhstan producing ductwork layouts and 3D models for sub-stations.

Mar. 2003 DUKE-FLUOR DANIEL & FLUOR DANIEL, Camberley

Oct. 2004 **MicroStation HVAC for Triforma & PDS Equipment Modeling Co-ordinator**

Duties involved working on TCO's SGP & SGI projects in Kazakhstan, designing 3D ductwork & HVAC pipe work services for Sub-Stations, Pump houses & Compressor houses etc using HVAC for Triforma, Triforma & Equipment Modeling. Also dealing with ductwork sub contractors in Almaty, Kazakhstan (visit made to their offices) also Hargreaves of Bury, UK. Material take-off's made for estimations & costing.

Nov. 2002 FOSTER WHEELER, Reading

Feb. 2003 **MicroStation PE-HVAC Ductwork Co-ordinator**

Oct. 2002 DUKE-FLUOR DANIEL, Camberley

Nov. 2002 **MicroStation HVAC for Triforma Co-ordinator**

Oct.	2000 -	FOSTER WHEELER, Reading
Oct.	2002	MicroStation PE-HVAC Co-ordinator
May	2000 -	ABB BUILDING TECHNOLOGIES, Portsmouth (Site Based)
Oct.	2000	AutoCAD HVAC Co-ordinator
Mar.	1999 -	AIRSYS ATM, Ferndown (Office Based)/ Lahore, Pakistan (Site Based)
May	2000	MicroStation HVAC / Ductwork Designer
Airsys designed airports. Contracts worked on were Lahore (Pakistan), Beihai (China) & Kuwait airports. Duties involved producing drawings from 3D models using TeamMate and PlantSpace, all services were fully co-ordinated, produced from engineer's information via dxf format, for Kuwait airport the approach control room was 3D modelled, then fully rendered in the exact colours, with a 1500 frame flyby video produced using MicroStation images. Also beta tester for HVAC for Triforma.		
July	1998 -	RAYTHEON E & C Ltd, New Malden
Mar.	1999	MicroStation and AutoCAD HVAC Designer
Contracts worked on included Pliva (Zagreb, Croatia), Saltend (Hull), Pfizer (Sandwich) and other projects within the EEC. Duties on Saltend were to produce ductwork layout drawing using MicroStation 95 for the ventilation systems within the power station; Duties on Pfizer were to assist existing contract staff in completing HVAC drawings.		
Apr.	1998 -	FLUOR DANIEL Ltd, Camberley
July	1998	AutoCAD HVAC Designer
Aug.	1997 -	NOISE REDUCTION Ltd, Eastleigh
Apr.	1998	AutoCAD Designer
Acoustic Engineers manufacturing a range of custom made enclosures and noise reducing systems, Duties were to design enclosures from site dimensions taken on visits to client's premises for green corrugators, single facers, small motors, waste fans etc projects were world wide.		
Sept.	1996 -	FLUOR DANIEL LTD, Hook and Camberley
July	1997	MicroStation Interfacet HVAC Ductwork Designer
Aug.	1995-	NOISE REDUCTION Ltd, Eastleigh
Dec.	1996	AutoCAD Designer
June	1993 -	SNAMPROGETTI Ltd, Basingstoke
Aug.	1995	BSL AutoCAD HVAC Designer
Contracts worked on included Fisons (Loughborough), Hewett/Bacton (Phillips), Bard Pharmaceutical's (Cambridge), Obpolymer (Russia), and Schering (Milan). Duties were to produce drawings, schemes and 3D models for complete ductwork systems using AutoCAD R12 and BSL (UNIX and Dos Platforms) from basic data obtained, using preliminary calculations based on clients brief and CIBSE guides.		
Oct.	1992 -	FLUOR DANIEL Ltd, Camberley
June	1993	AutoCAD HVAC Ductwork Designer
July	1988 -	JOHN BROWN ENGINEERS Ltd, Portsmouth
Mar.	1992	HVAC Designer / CAD Draughtsman
Feb.	1988 -	HADEN YOUNG LTD, Aldermaston
July	1988	Building Services Co-ordination Draughtsman
Jan.	1987 -	WESSEX REGIONAL HEALTH AUTHORITY, Winchester
Feb.	1988	HVAC Designer Draughtsman
Nov.	1986 -	AERCON DUCTWORK SERVICES LTD, Eastleigh
Jan.	1987	Contracts Engineer
Sept.	1986 -	ELLIS MECHANICAL SERVICES, Park Gate
Nov.	1986	HVAC Contract Draughtsman
Jan.	1986 -	CHASE OF TITCHFIELD, Gosport
Sept.	1986	HVAC Designer Draughtsman
June	1984 -	COLT INTERNATIONAL, Havant
Jan.	1986	Designer Checker
Apr.	1980 -	AERCON DUCTWORK SERVICES LTD, Eastleigh
May	1984	Contracts Engineer
Mar.	1980 -	VES of Andover
Apr.	1980	Contract Draughtsman
Apr.	1978-	NOISE REDUCTION LTD, Eastleigh
Mar.	1980	Acoustics Designer