

CURRICULUM VITAE

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REGISTERED CSWIP 3.2 SENIOR WELDING INSPECTOR

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PERSONAL PROFILE

A self disciplined and motivated individual, responsible and conscientious who strives to achieve a high standard in whatever is undertaken.

ACHIEVEMENTS

- Starting the first ever cladding rig utilizing the TIG process along with David Neill, from 1 rig we are now working with 30, this encompasses vertical and pipe cladding stations, automatic butt welding and Orbital TIG using A.M.I machines, Synergic Mig welding billets for Wex product.
- Continuous improvement to the process, from single wire (cold wire) to twin wire (hot wire) and now with superimposed current all aiding better deposition rates therefore better profit margins.
- Pipe cladding rigs that are capable of welding up to 12m lengths and 4" to 36" diameter pipes, utilizing twin heads with twin wire on each head, aiding better deposition rates and better profit margins. Various gases mixed on site to our own specifications each used for their own particular procedures. Clad to meet API 5L and 5LD specs.

CAREER DETAILS

PRESENT EMPLOYER

SGS UK / SHELL

April 2012 - Present

Working for Shell (Malaysia) on the Malampaya, Phase 2 project. Witnessing / monitoring Inconel cladding of spools, heat treatment, induction bending, mechanical testing, radiographic interpretation, & NDT. Working between QA Weld Tech, Middlesbrough & FTV Proclad International Ltd. Final documentation review at both companies.

Saipem (Moody / Intertek)

March 2012 – Present

Working for Saipem on the K4-Z & KATY marine operations project, qualifying pipeline welding procedures. This involves witnessing / monitoring all welding activities along with NDT & mechanical testing, SRT reeling trials.

Technip (Moody / Intertek)

June 2011 – Feb 2012

Worked for Technip in Le Trait, France on the fabrication and commissioning of two spooling carousels. Senior QA engineer for Technip, working between two fabrication vendors and Le Trait. Witnessing welding, NDT, mechanical testing, welder & procedure qualifications, heat treatment. Documentation review.

QAM-Velosi (Australia)

March 2011 – June 2011

Worked on the Gorgon project for Chevron as the Senior QA representative based in Glenrothes at Proclad International Ltd. Witnessing cladding, butt welding, pressure testing, mechanical testing, heat treatment, NDT, & Forging among other activities. Attending various other contractors involved in the contract for 331 spools.

MOODY INTERNATIONAL

November 2010 – March 2011

Worked for Aker Solutions, Aberdeen on two pressure vessels, one Methanol Carbon Steel and one Separator Super Duplex. The fabrication is being carried out at Isleburn, (Forfab) Dunfermline. Witness all welding, welder & procedure qualifications along with all NDT & load, hydro testing. Review documents, radiographs etc. Final data book review.

ABSG CONSULTING

August 2010 - November 2010

Worked for McDermott (Singapore) in Scotland on an Induction bending project utilising Duplex pipe. Attending mechanical testing, heat treatment, Induction Bending & Pickling & Passivation of the bends. Attended BSL Fittings in Soissons, France to review 1120 digital radiographs of seam welds on super duplex pipes.

VELOSI EUROPE LTD

April 2009 – July 2010

Worked as a client inspector for SHELL (Malaysia) on a replacement compressor for the B11 project. I was based in France at Dresser Rand the main contractor for all the activities on the compressor. I reviewed and approved all procedures for the activities carried out, these included mechanical testing, NDT, machining, welding, coating and final FAT testing. Review of all documentation with regards to the compressor prior to release note being issued.

PPI TECHNOLOGIES LTD

February 2009 – April 2009

Employed as a client Senior Welding Inspector thru' PPI Technologies ,Houston for FMC Houston.Texas .Witnessing / monitoring Inconel 625 cladding of 6" , 9" , 10" pipe for BP Thunderhorse ,Cascade & Gumusut .Attending material mechanical testing at Bodycote , Induction bending and final NDT of the above pipe.Carrying out a documentation review of all paperwork prior to issuing a release note to allow pipe shipments.

MOODY INTERNATIONAL LTD

August 2008 – February 2009

I was employed as a client inspector through Moody International working for Acergy, I was involved in witnessing and verifying documentation and visual inspection of all cladding & machining work for 54 ball & gate valves for Block 15,

Angola. Witnessing and verifying forging & testing of materials at SQA & MSI . Witnessed all final FAT testing on the finished 54 valves. Reviewing documentation packs.

OCEANEERING MULTIFLEX

January 2008 – August 2008

I was employed with Oceaneering Multiflex at Rosyth as a welding specialist / Inspector, working on the termination bodies for the connectors on the umbilicals. Documentation, 3rd party inspection and carrying out supplier audits. Goods inward inspection and also fit up & dimensional checking. Qualifying copper cable butt weld procedures and radiographic technique & acceptance criteria. Attending Bodycote on mechanical testing of weld procedure qualifications.

BRITISH ENERGY

September 2007 – January 2008

Welding Inspector

I was employed with British Energy as a Welding Inspector within the nuclear power stations of Hunterston and Hinckley Point in Somerset. Inspection of boiler tubing within the nuclear reactors during shutdowns. Vessel entry trained. Welder qualifications / welding procedures and boiler identifying some of the jobs undertaking. Collating work packs for the finished re-furbished boilers.

JORDAN ENGINEERING LIMITED

September 2007-November 2007

Welding Inspector/Welding Engineer/QA Engineer

Employed at Grangemouth refinery with Jordan Engineering Ltd as a Welding Engineer/Welding Inspector/QA Engineer .My remit was working in the tank farm on Grangemouth refurbishing/replacing storage tanks of all types. During my spell with them I qualified welding procedures, witnessing mechanical testing and welder qualifications, put together QA doc packs.

PETROLOGY LTD

March 2007-September 2007

Welding Inspector

I was employed with Petrology at there Old Kilpatrick centre of excellence for Pipeline Technology.I was one of the resident welding inspectors at the centre, we carried out R & D work on welding procedures along with welder qualifications for pipe laying and spooling. Inspection of pipeline welding, front end & back end within Leith spool base. Collated all documentation generated during the R & D of welding procedures.

FTVPROCLAD INTERNATIONAL LTD

March 2006-March 2007

Assistant Welding Engineer

Employment Profile

This is a multifunctional role between welding engineering and production support. My role is split between all branches of the Proclad UK, operations assisting in any materials or welding problems. I was previously employed with FTVProclad for over 20 years as firstly a welder and latterly a cell controller.

PETROLOGY LTD

March 2005-August 2005

Field Welding Engineer

Employment Profile

I was working within the research and development centre at Imperial Docks, Leith.I was charged with developing the welding procedures for use on pipe reeling at the Subsea 7 spool base. I was trained in using the Vermatt bug & band system with special interest in writing the programs while working with the welders in qualifying the procedures. While at Petrology we reeled several pipe lines to the Subsea 7 vessel Skandi Navica, I was involved in making sure the programming never failed and the repeatability of the butt welds was never at fault. I have also completed a course on AMI orbital welding machines with the narrow gap system along with programming. Attended Bodycote in Edinburgh for over 5 months with Brazilian company representatives of Petrobras and 3rd party inspectors from Lloyds & DNV while qualifying weld & welder procedures for the manufacture of 18” pipeline at Leith spool base for Subsea 7. I worked alongside many client reps witnessing mechanical testing and reeling trials of various dimensions.

PROCLAD INTERNATIONAL LTD/FORTH TOOL & VALVE

January 1985-March 2005

Cell Controller

July 2000-March 2005

Chargehand Welder

July 1996-July 2000

Leading hand Welder

March 1994-July 2000

Welder

Jan 1985-March 1994

I worked for FTV / Proclad International Ltd for over 22 years , I started work in January 1985 as a welder utilizing manual processes (MMA , TIG , MIG) repairing oil & gas components. After creating automatic Tig cladding systems, was then involved in the cladding of Christmas tree components for FMC, Camerons, and Vetco etc. I also taught welding supervisors of Camerons and FMC the technologies involved in the overlaying so they could then teach their own welders the skills. I used to carry out all welding procedure qualifications , NDT requests , heat treatments and any repairs necessary as I have built up a good knowledge of machining of all Christmas tree parts .I was responsible for the R & D of the cladding processes that most oil companies utilize today . In my role as a client inspector of the last 5 years I have been employed by some of the world’s biggest oil companies to oversee on their behalf pre-machining, cladding and post machining on various contracts.

C.E. LUMMUS

June 1983-January 1985

Welder

Employment Profile

Coded welder working on pipe and plate.

Approximately 10,000 people worked with Lummus on the construction of the petro-chemical plant at Mossmorran, Cowdenbeath in Fife. I was a coded welder working in the process area of the project for 2 years utilizing the MMA and TIG processes, welding plate, and pipe from 2" to 48" diameter in carbon and stainless steel.

ALVAL ENGINEERING

July 1979-July 1983

Fabricator / Welder
Employment Profile

RIPPIN STRUCTURES

June 1975-July 1979

Apprenticeship = Welder / Fabricator
Employment Profile

4 Year apprenticeship in welding & fabrication. Work consisted of oil & gas, industrial and farm buildings. Approximately 120 employees based in Auchtermuchty in Fife. Welding processes utilized were MMA, MIG and SUB-ARC. Trained in the use of Oxy-Acetylene burning torch, bending machines, guillotines and industrial punches. Attended Buckhaven Technical College on day release and gained my City & Guilds of London, Part 1 & 2.

TRAINING & DEVELOPMENT

June 2007 ISO 9001:2000 Internal Auditing training course (Oceaneering Multi-flex)
 December 2007 IOSH course: Managing Safely (Gateshead College)
 September 2007 Confined spaces training. (Utilising breathing apparatus)
 August 2007 Safety Passport (Cert No 521479)
 March 2005 AMI Narrow Gap Torch system + Programming (Petrology)
 April 2005 Vermatt automatic mig (pulsed) pipe butt welding + Programming (Petrology)
 June 2002 Health & Safety at work (Managers / Supervisors Course)
 July 1999 Manager / Supervisors training course (Glenco training solutions, Glenrothes)

YEAR	ESTABLISHMENT	QUALIFICATIONS
August 2010	TWI Cambridge	CSWIP QA Coordinators Course
January 2010	Kirkcaldy College	PCN Level 2 Ultrasonic Testing (Category p)
November 2008	TWI Cambridge	CSWIP 3.2 Senior Welding Inspector (TWI)
April 2007	Oceaneering Multiflex	ISO 9001:2000 Internal Auditors (Ramtec Training Services)
October 2005	Paisley University	CSWIP 3.1 Welding Inspector (TWI)
May 2008	Adam Smith College	PCN Radiographic Interpretation (Level 2) Light & Dense
2003-2004	Glenrothes Tech (N/S)	European Computer Driving License
1987-1988	Lauder Tech (N/S)	City & Guilds of London
	Kirkcaldy Tech (N/S)	Fab & weld inspection and Quality Control (219 Course) Written: Pass Course work ass: Distinction
1985-1986	Lauder Tech (N/S)	City & Guilds of London Welding Eng Craft Studies Part 3 (315 Course) Written: Credit Course Work Ass: Distinction
1975-1979	Buckhaven Tech.	City & Guilds of London Parts 1 + 2 Welding Technology (315 Course)

PROCESSES UTILISED

Automatic Tig (Hot Wire + Cold Wire / Twin Wire / Twin Head) Utilizing superimposed pulsed current.
 Automatic Mig (Synergic + Pulsed)
 AMI Orbital Tig Welding (using Narrow Gap Torch)
 M M A / TIG / Submerged arc / GSFCAW / FCAW
 Strip Cladding / Plasma Arc cladding
 Automatic Butt Welding
 Vermatt Pipe Welding Automatic MIG (Narrow Gap)

OTHER PROJECTS WORKED ON:-

PROJECT	AGENCY	COMPANY ATTENDED	SCOPE OF WORK	END CLIENT
Thunderhorse	PPI Technologies	IODS, East Kilbride	Clad pipe & fittings & documentation	FMC & BP
Atlantis	PPI Technologies	IODS, East Kilbride	Clad pipe & fittings & documentation	FMC & BP
Gumusut	PPI Technologies	IODS, East Kilbride	Clad pipe & fittings & documentation	FMC & BP
Nakika	PPI Technologies	IODS, East Kilbride	Clad pipe & fittings & documentation	FMC & BP
Block 18	Moody International	Bel Valve, Newcastle	Cladding & FAT testing 54 ball valves. Documentation Review.	Acergy & ExxonMobil
	GLUK	Sulzer, Leeds	Gas compressor & welding deptmt audit	
WDDM Phase VII	GLUK	Global Pipelines, Invergordon.	Qualifying Turkish & Malaysian welders for 36" offshore pipeline. Egypt.	Burullus
Burullus	GLUK	Pacson Valves,	FAT testing of 1" BBM Ball valves	Burullus

		Dundee		
B11 project	Velosi (Europe)	Dresser Rand (France)	Replacement gas turbine & FAT testing	Shell (Malaysia)
WDDM Phase VII	GLUK	National Hyperbaric Centre, Aberdeen.	Qualifying diver/welders for a Hot Tap Tee & 36" offshore pipeline tie-in	Burullus
Nakika III	NDEGermany	IODS, East Kilbride	Clad pipe, Documentation	BP
ESSO KTG & TR2 Project	ABSG Consulting Ltd	Proclad Induction Bending Ltd	Induction Bending, mechanical & heat treatment of Duplex Bends, Documentation	McDermott & ESSO
ESSO KTG & TR2 Project	ABSG Consulting Ltd	BSL Pipes & Fittings (France)	Digital Radiograph Interpretation (1120 in total)	McDermott & ESSO
Marathon Devenick Module EPC	Moody International	Isleburn, Dunfermline.	Fabrication of a Methanol storage vessel. Fabrication of Super duplex production separator. Senior QA & Welding Inspector.	Marathon Oil UK, BP
Gorgon & Janz Upstream project	QAM-Velosi Australia	Proclad Forgings & Proclad International.	Witness / monitor mech testing, heat treatment, NDT, fabrication, forging of tees & elbows. Radiograph Interp & review.	Chevron
Technip Norway & Malaysia	Intertek / Moody Int.	Technip, Le Trait.	Witness / monitor mech testing, heat treatment, NDT, fabrication, welding, welder & procedure qualification. Documentation review.	Technip
Malampaya Phase 2 project	SGS UK Ltd	QA Weld Tech & FTV Proclad International Ltd.	Witness welding, mechanical testing, heat treatment, Induction Bending, rad review, documentation review. Issue release note.	Shell (Malaysia)
K4-Z & KATY Pipelines	Intertek / Moody Int.	PTL, Huntly.	Witness / monitor weld procedure qualifications, rad review, mechanical testing & SRT trials.	Total (Saipem)
K4-Z	SGS UK Ltd	Isleburn, Evanton.	Witness weld procedure qualifications & production welds for SPF & PLEM structures.	Total (Saipem)
Shell Mars B, Gulf of Mexico	SGS UK Ltd	Meta, Bridge of Don, Aberdeen.	Witness on behalf of Shell (USA) proof of concept testing & proof of concept assembly of 14" Liner tieback.	Shell (USA)