

Curriculum Vitae

Name: J.H.H. Pieper (first name Herman)

Date of Birth: 07-06-1966

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Diploma / Education:

- QC Coordinator (CSWIP)
- Senior Welding Inspector (CSWIP 3.2)
- Radiographic film interpretation (CSWIP 3.2.2)
- International Welding Inspector (CSWIP 3.1 + IWI-C)
- International Welding Technologist (Cert. NL/IWT/0055)
- Examination and Inspection degree (IKT Level II)
- Course for EN 1090 manufacturing of steel structures with CE Marking
- Course for EN 13445 manufacturing of pressure vessels, Part 4 – manufacturing, and Part 5 - testing
- Certified PIT Consultant & Operator
- Approved Trainer for PIT Operators
- Safety for Operational Supervisors

Work experience:

June 1988 – June 1990 : **Internal course for material inspector at formerly Matcon BV (Material consultants) in Emmen, the Netherlands.**

Company had several requests from large Dutch companies related to Oil & Gas industry for delivering qualified inspectors for projects in Northern Netherlands. For this they start an internal education at their own laboratory where theoretical material education was combined with practical examinations / investigations. The course was given by Senior Metallurgists and Welding Engineers working at the company as well as external professional experts for certain specific parts. This course was followed by the examination for International Welding Technologist and Inspection and Testing Technology Level II (IKT Level II).

July 1990 – April 1992: **Assistant for failure analyses at Matcon BV in Emmen, the Netherlands. Laboratory taken over in 1992 by Bodycote International Ltd.**

After finalizing the mentioned course the company offered me a job as assistant for failure analyses at their laboratory. There I was involved in all kind of investigations necessary for failure analyses under the responsibility of Senior Metallurgists. This includes for example microscopic examination, mechanical and corrosion testing.

May 1992 – September 2001: **Head of mechanical testing department at Bodycote Materials Testing BV, Emmen, the Netherlands**

During this period I was responsible for the planning and execution of all kind of testing for clients, such as: examination of microstructures in different kind of materials, mechanical testing like Drop Weight Tear Tests, CTOD tests, Tensile tests, Impact tests as well as different kind of corrosion tests such as Pitting and Intergranular Corrosion and H₂S Corrosion tests.

Main part of the job was also qualification of welding procedure and welders in accordance with national and international specifications.

Besides mentioned activities also advising clients for material selection and Quality Assurance in accordance with EN 729 (ISO 3834).

October 2001 – Nov. 2003: **Plant manager at Foundry Bennink & ten Cate BV, Heerenveen, the Netherlands**

During this period responsible for everything concerning the production of Carbon Steel, Stainless Steel such as Chromium Steels, Austenitic - Duplex and Super Duplex Stainless Steels, and Nickel based castings, for use in pump industry (Impellers, Casings, Inlet bends etc), including repair welding of these materials. In this period we also close a contract with Chinese foundries, for this I visit several foundries at China.

Dec. 2003 – Sept. 2008: Application manager / Consultant at Eurosonix / Applied Ultrasonics.

In this function responsible for presentation of the new patented Ultrasonic Impact Treatment (UIT) technology all over Europe as well as given support to clients / universities during test programs, as well as support during implementation of the UIT technology in client's production facility.

With this UIT technology you can treat welds and base metals with the aim to enhance material properties such as surface roughness, mechanical properties, corrosion properties and fatigue resistance.

This can be by way of manual treatment as well as by robot.

Provide the patent owner with information regarding modifications to the equipment which have to be carried out for special treatments / projects.

Drawn up an ISO 9001 – 2000 based Quality Manual including parts for personal health care (VCA).

Since Sept. 2006 employee of Applied Ultrasonics Europe and official by Lloyd's Approved certified Trainer for UIT Operators.

In this function also responsible for Maintenance and Repair of the Esonix UIT Equipment in Europe.

Oct. 2008 – present:

Independent one-man business as Pieper QSI (For full overview of services see website)

Actual projects Pieper QSI:

*** Blancke Metaalbewerking BV – Schoonebeek**

(March 2009 – Oct. 2010) + (Oct. 2011 – Feb. 2013) + (May 2014 – present)

Blancke Metaalbewerking is engaged in the manufacturing of constructions, pressure vessels and equipment for among the On- and Offshore-, Petrochemical and Food Processing Industry, as well as executing repair and/or revision activities for these markets and performing machining of materials.

Pieper QSI did execute following activities for Blancke Metaalbewerking:

- Handling DAD requests for orders on which the European Pressure Equipment Directive 97/23/EC applies
- Drawn up Welding Procedure Specifications
- Execution of various Quality Assurance and Quality Control activities like inspections during production of pressure vessels, including organisation of NDE activities and keeping welding and NDE status up to date for those vessels.

*** Reineveld Europe BV – Oldenzaal (Dec. 2008 – present)**

Reineveld Europe realizes complete systems for dewatering suspensions in different industrial markets.

For Reineveld Pieper QSI takes care of technical inspections, document control and drawing up technical reports during the manufacturing process of those systems and supplies technical support regarding welding technology on a day rate base.

*** Pitec GmbH – Heudorf – Germany (Oct. 2008 – present)**

Pitec GmbH is the owner of the patented PIT (Pneumatic Impact Treatment) technology

by which the fatigue strength of materials and/or weld connections can be improved or residual stresses caused by welding can be reduced in order to enhance a structures fatigue life.

Pieper QSI executes the following activities for Pitec:

- Giving presentations / demonstrations with respect to the PIT technology at companies within the Netherlands and English-speaking companies within Europe.
- Executing PIT treatments within Europe on all kind of structures (for example Cranes, Bridges and Offshore structures)
- Giving training courses to certify Operators who must perform PIT treatments
- Support the sales department of Pitec GmbH on project base.

*** SMST Designers and Constructors BV – Drachten (Oct. 2012 – Jun. 2013) + (Oct. 2013 – Present)**

Pieper QSI is hired on a day rate base by SMST for QA/QC support and executing (weld) inspections during the production of Offshore structures mostly executed at sub-contractors all over Europe and at their own production facility at Drachten. Also involved in drawing up ISO 3834-2 procedures.

Since Oct. 2013 also involved in optimizing production and welding processes at production facility Drachten as well as training of new foreman and QC inspectors.

*** Takke Breukelen BV – Ewijk (July 2013 – present)**

Pieper QSI is hired by Takke as Responsible Welding coordinator + QA/QC inspector during the refurbishment of a highway bridge in highway A50 @ Ewijk – the Netherlands for the Dutch Highway Government Rijkswaterstaat.

Since June 2014 also Responsible Welding Coordinator for welding activities under EN 1090 at their production facility at Breukelen.

*** Machinefabriek van der Ploeg BV – Leeuwarden (Feb. 2015 - present)**

Pieper QSI is hired on a day rate base by van der Ploeg for supporting their QA/QC and welding department. In this role I'm executing review of project specifications during tendering stage as well as when becoming new contracts. Updating company certification handbooks and introducing procedures for achieving FPC certification according to EN 1090. Also executing (weld) inspections during the production of different kind of structures at their production facilities in Leeuwarden and/or at subcontractors when necessary.

Finalized projects Pieper QSI:

*** IHC Winches (Hytop) – Sliedrecht (Jan. 2012 – Sept. 2012)**

Pieper QSI is hired as a QA/QC inspector for document control and (weld) inspections during the manufacturing of Winches for Allseas vessel "Pieter Schelte" at a subcontractors production site.

*** A. Hak Leidingbouw BV – Tricht (Sept. 2010 – Okt. 2013)**

Pieper QSI is hired on a day rate base by A. Hak Leidingbouw BV for QA/QC support and executing weld inspections during several pipeline projects as well as during modification of onshore equipment/stations necessary for transport of oil and/or gas, and for special projects such as so called "hot taps".

*** Allseas Engineering BV / Allseas Fabrication BV – Delft / IJmuiden / Rotterdam (March 2013 – Oct. 2013)**

Pieper QSI is hired as a QA/QC inspector for document control and (weld) inspections during the modifications of an Offshore structure for Total Energy and Production Ltd. at Allseas head office at Delft and their production facility at IJmuiden and storage location at Rotterdam. From July 2013 till October 2013 responsible for drawing up PQR/WPQ documents for Lloyd's Register according to EN ISO 15614-1, EN 287-1:2011, AWS D1.1 and ASME section IX.

*** Frames Heat Exchangers BV – Vollenhove (Dec. 2013 – Feb. 2015)**

Pieper QSI is hired on a day rate base by NRG as a certified Welding Inspector during the production of Heat Exchangers for an large International Oil / Gas companies. In this role I'm responsible for review of welding related specification, drawing up welding procedure specifications and executing (weld) inspections during the production of these structures at their production facilities at Vollenhove and Franeker.

*** Foundry Bennink & ten Cate BV – Heerenveen (Oct. 2008 – May 2013)**

Bennink & ten Cate BV is a manufacturer of High-Quality castings in single piece or small series in about 125 different material types.

Work consists the following activities:

- Maintain and updating the ISO 9001-2008 manual and corresponding work instructions
- Maintain certification according to the European Pressure Directive (PED) 97/23/EC
- Executing internal audits
- Drawn up Welding Procedure Specifications and Weld repair procedures
- Executing Welding Procedure and Welder qualifications
- Supporting their Quality Assurance Employees

Beside the reference projects mentioned above Pieper QSI also has executed several (weld) inspections and advised different companies during the last years regarding Welding Procedure and Welder Qualifications according to different International specifications such as EN-ISO 15614, EN-ISO 9606, EN-ISO 14732, ASME section IX and AWS D1.1.

Beside the activities mentioned above Pieper QSI also has a cooperation with DT Welding – Weldconsultancy BV since September 2011 under the name TP QA Support.

TP QA Support is supporting companies during their process for certifying a quality system according to EN-ISO 3834 or a Factory Production Control System according to EN 1090-1 by drawing up the required procedures, standard documents and work instructions, executing internal audits and guiding these companies during external audits.

For further info I would like to refer to our website www.pieper-qsi.nl