



About us:

**Quality  
Consulting  
Services**



# About us

## Quality Consulting Services

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Our company has been created on the basis of 16<sup>th</sup> years of work experience within the P&E industry, acquiring and continuously improving quality and engineering know-how while being part of the greatest projects worldwide.

In 2021 **Quality Consulting Services** company was established and ready for providing high performance and professional consultancy and advisory services for: Energy, Renewable Energy, Manufacturing, Oil&Gas and Pulp sectors worldwide.

As global quality experts in construction and manufacturing, we're building an industry that impacts millions. We provide leading quality advisory and consultancy services to our clients trying hard to achieve and meet our client's expectations.

**Quality Consulting Services** have already been trusted by global companies like:

- Metsä,
- DEKRA,
- Valmet Technologies Oy,
- Hitachi Zosen INOVA AG,
- Applus Aerospace UK Ltd,
- Babcock & Wilcox Vølund A/S



# Services

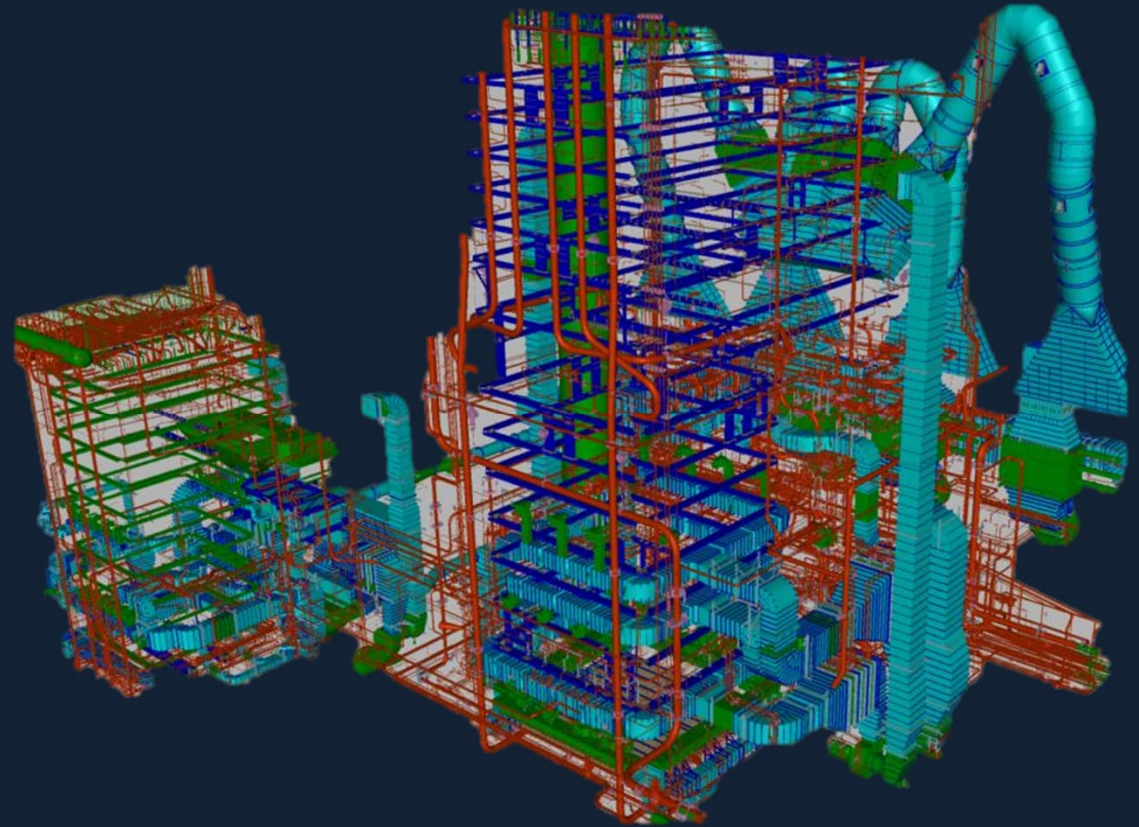
## Quality Consulting Services

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Quality Consulting Services offers a wide range of knowledge and experience combined resulting in a high-quality service provider, becoming the ideal Quality Assurance and Quality Control partner for ensuring a continuous high performance from end to end.

Our service is global and flexible making it available regardless the location worldwide.

Quality Consulting Services hallmark is our commitment to high quality service and fulfillment of our client's expectations.





# Services

## Quality Consulting Services

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Quality Consulting Services provides timely and professional site follow up and auditing by specialist engineer / inspector with qualifications such as:

- **(IWE)** International Welding Engineer,
- **(IWI-C)** International Welding Inspector - Comprehensive Level,
- Non-Destructive Testing - **VT2, PT2, MT2, RT2, UT2**

This service could be offered up to requirement and/or stage of the project construction, manufacture, installation or even while carrying out pre-commissioning and commissioning activities to ensure quality compliance in the areas of engineering, construction management and site supervision, accordingly.





# Services

## Quality Consulting Services

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Welding remains among the most common, useful and efficient methods to join two metal components. Navigating the complex set of welding options requires excellent understanding of physical welding methods with quality / documentation requirements our company assure the highest level of service on site construction or manufacturing.

Quality Consulting Services welding specialist can provide witnessing and monitoring of welding activity during qualification, pre-assembly, installation according to International Standards / Codes: **ISO, EN, DIN, ASME, AWS.**





Geographical locations  
of main projects  
successfully completed:

Quality  
Consulting  
Services



# Geographical locations

## Quality Consulting Services in EUROPE

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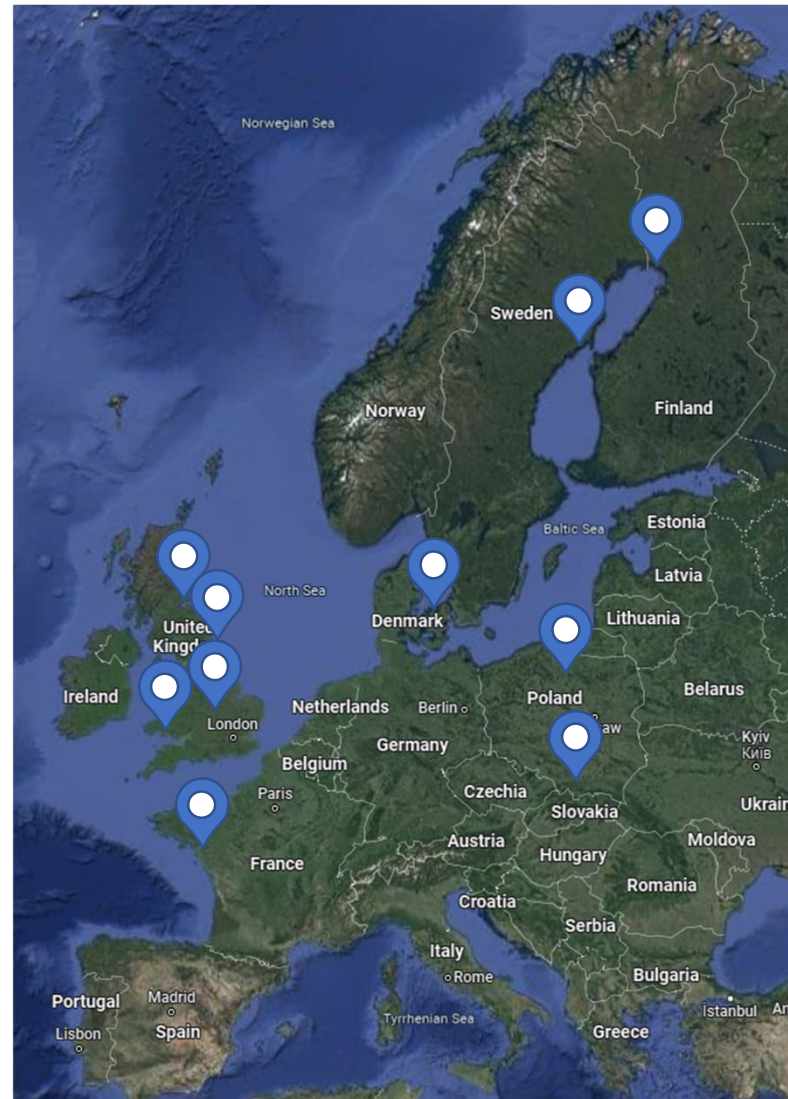
Project  
**Edinburgh**

Project  
**Teesside  
Biomass  
Power Plant**

Project  
**Gloucester**

Project  
**Margam  
Green  
Energy**

Project  
**CORDEMAIS  
- TRANCHE 5  
CHARBON  
600**



Project  
**Kemi BTT**

Project  
**URSUS TP11**

Project  
**CCGT 463 MW**

Project  
**Jaworzno III  
Power Plant - 910 MW**

Project  
**ASV6BIO**





# Geographical locations

## Quality Consulting Services in SOUTH AMERICA

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Project  
**MAPA**





Projects Completed:

Quality  
Consulting  
Services



Project  
**Kemi BTT**

**Purchaser:**

- Metsä Fibre Oy

**Site Construction:**

- Kemi, Finland

**Realization:**

- 03.2022 - 03.2023

**Subject:**

- Recovery Boiler  
\***RECOX** - Chemical recovery technology, Sulfuric Acid Plant and Gasification Plant



Project

# URSUS TP11

## Purchaser:

- Metsä Board Husum

## Site Construction:

- Husum, Sweden

## Realization:

- 05.2021 - 03.2022

## Subject:

- Recovery Boiler
  - \***RECOX** - Chemical recovery technology
- Electrostatic precipitators - **ESP's**



**Purchaser:**

- Arauco

**Site Construction:**

- Celulosa Arauco y  
Constitucion S.A. -  
Arauco, Horcones mill,  
Chile

**Realization:**

- 02.2020 - 04.2021

**Subject:**

- Recovery Boiler  
\***RECOX** - Chemical  
recovery technology
- BFB Boiler \***HYBEX** -  
Bubbling Fluidized Bed  
technology



Project

# Jaworzno III Power Plant Unit 910 MW

## Purchaser:

- RAFAKO S.A.
- Tauron Wytwarzanie S.A

## Site Construction:

- Jaworzno, Poland

## Realization:

- 03.2019 - 08.2019

## Subject:

- Prefabrication and delivery of high-pressure pipelines (LAB, LBB, LBC, LBA) together with auxiliary systems and assembly supervision



Project

# ASV6BIO

## Purchaser:

- Ørsted
- Valmet Technologies Oy

## Site Construction:

- Kalundborg, Denmark

## Realization:

- 08.2018 - 02.2019

## Subject:

- Asnæs Power Station  
6th unit Erection of  
30MWe (140 MWth) -  
\***HYBEX** boiler with  
auxiliary equipment





Project  
**Gloucester**

**Purchaser:**

- RAFAKO S.A.
- Urbaser Balfour Beatty  
- UBB

**Site Construction:**

- Gloucester, England  
(UK)

**Realization:**

- 08.2018 - 02.2019

**Subject:**

- Gloucestershire  
Energy from Waste  
Facility - Javelin Park -  
14.5 MWe - assembly  
of the boiler, internal  
and external piping, air  
and flue gas ducts







Project  
**Edinburgh**

**Purchaser:**

- Hitachi Zosen INOVA  
AG

**Site Construction:**

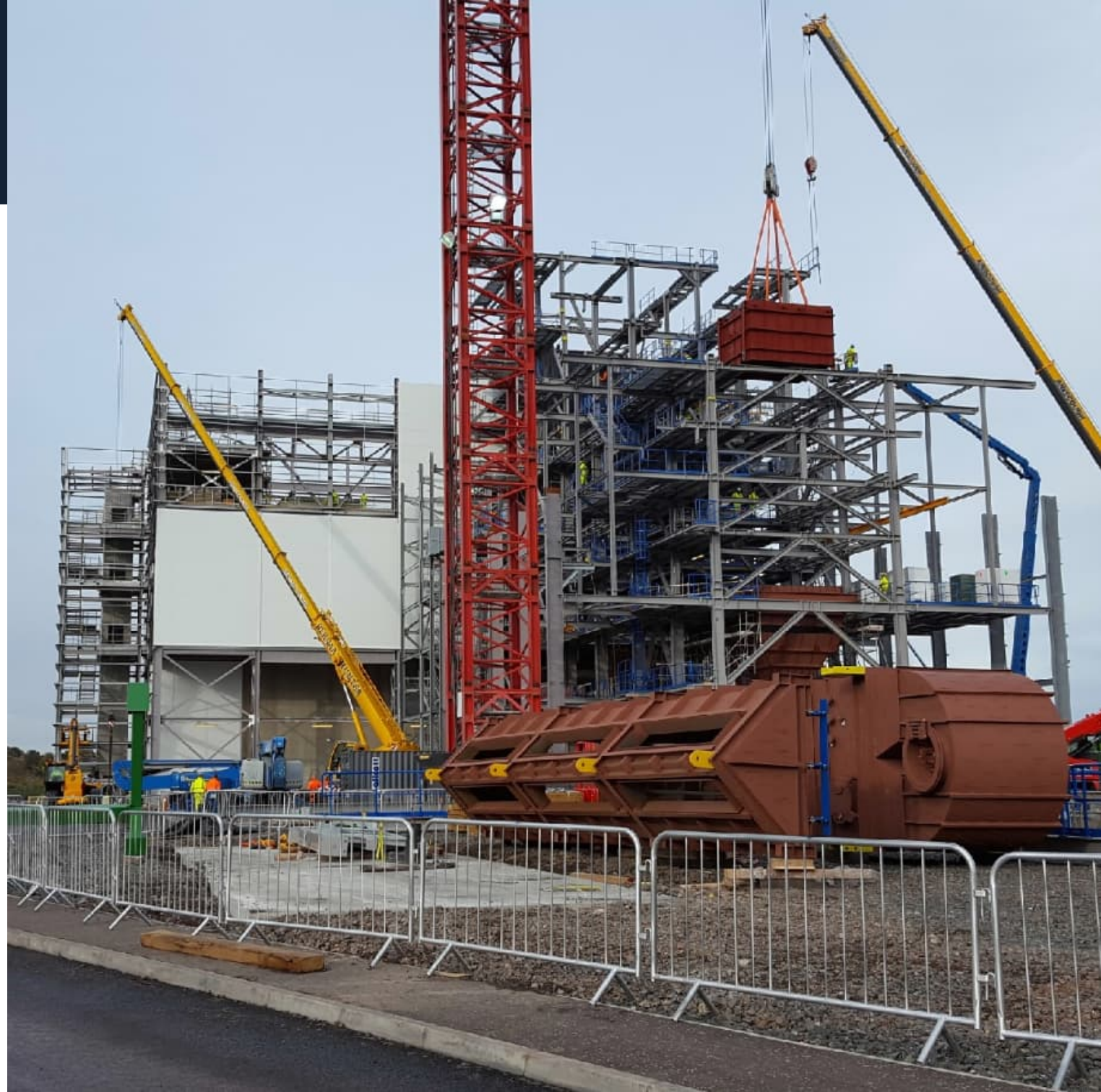
- Edinburgh, Scotland  
(UK)

**Realization:**

- 11.2017 - 01.2018

**Subject:**

- Edinburgh & Midlothian  
Residual Waste Facility  
- 50 MWe - assembly  
of the boiler and  
internal pipelines



Project

# Teesside Biomass Power Plant

## Purchaser:

- Babcock & Wilcox  
Vølund A/S

## Site Construction:

- Teesside, England  
(UK)

## Realization:

- 05.2017 - 10.2017

## Subject:

- Teesside Renewable  
Energy Plant - 40 MWe  
- assembly of external  
pipelines



Project

# Margam Green Energy

## Purchaser:

- Babcock & Wilcox  
Vølund A/S

## Site Construction:

- Margam, Wales (UK)

## Realization:

- 08.2016 - 04.2017

## Subject:

- Margam Green Energy  
Plant - Port Talbot - 40  
MWe - assembly of  
external pipelines.



Project

# CORDEMAIS - TRANCHE 5 CHARBON 600

## Purchaser:

- CMI Services Energy Sud
- EDF

## Site Construction:

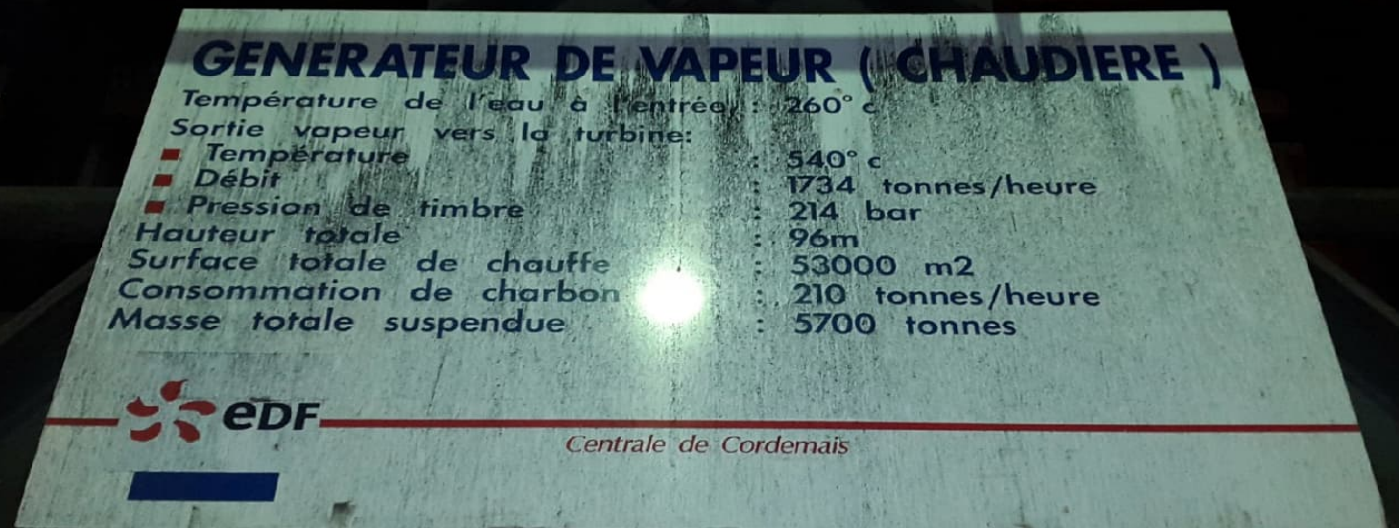
- Cordemais, France

## Realization:

- 03.2016 - 07.2016

## Subject:

- Prefabrication and assembly of the boiler parts for EDF UP CORDEMAIS - TRANCHE 5 CHARBON 600



Project

# CCGT 463 MW

## Purchaser:

- SNC-Lavalin Polska
- Orlen

## Site Construction:

- Włocławek, Poland

## Realization:

- 09.2014 - 02.2016

## Subject:

- Assembly of a 460 MW steam-gas turbine, which includes a gas turbine with an air intake, a steam turbine with a condenser and a generator. Installation of high-pressure and high-temperature pipelines





Certifications:

Quality  
Consulting  
Services



# International Institute of Welding

## International Welding Engineer (IWE)

## International Welding Inspector (IWI-C)



**iiw** INTERNATIONAL INSTITUTE OF WELDING **iiw**

Having met the education and training requirements of IIW Guideline 'Personnel with Responsibility for Welding Coordination' and by examination having satisfied the requirements of the Examination Board of the IIW Authorised National Body

**Piotr KOŚCIELNY**  
Date of birth: 15.03.1988

is hereby awarded the diploma of

**INTERNATIONAL WELDING ENGINEER**

Date: 27.02.2015      Diploma N° PL/IWE/1756/2015

Chairman of ANB Examination Board      Head of Training School

dr inż. Eugeniusz Szczok      dr inż. Jan Plewniak

**iiw** IOW **iiw**

IIW Authorised National Body  
INSTYTUT SPAWALNICTWA/ POLAND

This diploma is subject to the rules concerning its use and misuse  
See overleaf



**iiw** INTERNATIONAL INSTITUTE OF WELDING **iiw**

Having met the education and training requirements of IIW Guideline 'International Welding Inspection Personnel' and by examination having satisfied the requirements of the Examination Board of the IIW Authorised National Body

**Piotr KOŚCIELNY**  
Date of birth: 15.03.1988

is hereby awarded the diploma of

**INTERNATIONAL WELDING INSPECTOR**  
Comprehensive Level

Date: 18.12.2015      Diploma N° PL/IWI-C/559/2015

Chairman of ANB Examination Board      Head of Training School

dr inż. Eugeniusz Szczok      prof. nzw. dr hab. inż. Jacek Ślania

**iiw** IOW **iiw**

IIW Authorised National Body  
INSTYTUT SPAWALNICTWA/ POLAND

This diploma is subject to the rules concerning its use and misuse  
See overleaf

# Non Destructive Testing (NDT)

## Visual testing (VT) / Magnetic testing (MT)

### Level 2



Sieć Badawcza Łukasiewicz – Instytut Spawalnictwa  
**OŚRODEK CERTYFIKACJI**  
ul. Bł. Czesława 16-18 | 44-100 Gilwice | Poland



Jednostka akredytowana przez Polskie Centrum Akredytacji według normy PN-EN ISO/IEC 17024  
Accredited body by Polish Centre of Accreditation according to standard PN-EN ISO/IEC 17024  
Umowna organizacja trzeciej strony zgodnie z Artykułem 20 Dyrektywy Europejskiej 2014/68/EU, Nr 1405  
Recognized third-party organization according to Article 20 of European Directive 2014/68/EU, No 1405

#### CERTYFIKAT KOMPETENCJI

wydany zgodnie z programem certyfikacji W-04/IS-70

Certificate of Competence

issued in accordance with certification program W-04/IS-70

NR / NO VT2/16953/2021/2

ważny: / is valid:

od / from 23-04-2021 do / to 29-03-2026

Potwierdza się, że: / This is to certify that:

**mgr inż. Piotr KOŚCIELNY**

urodzony(a) / born on 15-03-1988

posiada kompetencje według normy PN-EN ISO 9712:2012 w zakresie  
has competence according to PN-EN ISO 9712:2012 in the scope of

#### BADAŃ WIZUALNYCH (VT) stopień 2 VISUAL TESTING (VT) level 2

Sektory związane z wyrobem: / Product sectors:

(w) - złącza spajane / welds

(wp) - wyroby przerabiane plastycznie oprócz odkuwek / wrought products except forgings

(t) - rury różnych średnic i grubości ścianek  
/ tubes and pipes

Sektory przemysłowe: / Industrial sectors:

PW - wytwarzanie / manufacturing

PED - z uwzględnieniem połączeń nierozłącznych urządzeń ciśnieniowych zgodnie  
z Dyrektywą Europejską 2014/68/EU

Along with permanent joints of pressure equipment according to European Directive 2014/68/EU

Dyrektor Instytutu  
Director of Institute  
  
dr inż. Adam PIETRAS



Ośrodek Certyfikacji  
Certification Centre  
  
mgr inż. Aleksandra RACHWAŁ

Podpis posiadacza certyfikatu  
Signature of certified person

mgr inż. Piotr KOŚCIELNY

Data wydania: / Date of issue: 23-04-2021



Sieć Badawcza Łukasiewicz – Instytut Spawalnictwa  
**OŚRODEK CERTYFIKACJI**  
ul. Bł. Czesława 16-18 | 44-100 Gilwice | Poland



Jednostka akredytowana przez Polskie Centrum Akredytacji według normy PN-EN ISO/IEC 17024  
Accredited body by Polish Centre of Accreditation according to standard PN-EN ISO/IEC 17024  
Umowna organizacja trzeciej strony zgodnie z Artykułem 20 Dyrektywy Europejskiej 2014/68/EU, Nr 1405  
Recognized third-party organization according to Article 20 of European Directive 2014/68/EU, No 1405

#### CERTYFIKAT KOMPETENCJI

wydany zgodnie z programem certyfikacji W-04/IS-70

Certificate of Competence

issued in accordance with certification program W-04/IS-70

NR / NO MT2/10322/2020/1

ważny: / is valid:

od / from 22-12-2020 do / to 21-12-2025

Potwierdza się, że: / This is to certify that:

**mgr inż. Piotr KOŚCIELNY**

urodzony(a) / born on 15-03-1988

posiada kompetencje według normy PN-EN ISO 9712:2012 w zakresie  
has competence according to PN-EN ISO 9712:2012 in the scope of

#### BADAŃ MAGNETYCZNO-PROSZKOWYCH (MT) stopień 2 MAGNETIC TESTING (MT) level 2

Sektory związane z wyrobem: / Product sectors:

(c) - odlewy / castings

(f) - odkuwki / forgings

(w) - złącza spajane / welds

(wp) - wyroby przerabiane plastycznie oprócz odkuwek / wrought products except forgings

(t) - rury różnych średnic i grubości ścianek  
/ tubes and pipes

Sektory przemysłowe: / Industrial sectors:

PE - badania przed i eksploatacyjne wraz z wytwarzaniem  
/ pre and in-service testing which includes manufacturing

PED - z uwzględnieniem połączeń nierozłącznych urządzeń ciśnieniowych zgodnie  
z Dyrektywą Europejską 2014/68/EU  
Along with permanent joints of pressure equipment according to European Directive 2014/68/EU

Dyrektor Instytutu  
Director of Institute  
  
dr inż. Adam PIETRAS



Ośrodek Certyfikacji  
Certification Centre  
  
dr inż. Michał KUBICA

Podpis posiadacza certyfikatu  
Signature of certified person

mgr inż. Piotr KOŚCIELNY

Data wydania: / Date of issue: 27-11-2020



# Non Destructive Testing (NDT)

## Penetrant testing (PT) / Radiographic testing (RT)

### Level 2



#### INSTYTUT SPAWALNICTWA OŚRODEK CERTYFIKACJI

Jednostka akredytowana przez Polskie Centrum Akredytacji według normy PN-EN ISO/IEC 17024  
Accredited body by Polish Centre of Accreditation according to standard PN-EN ISO/IEC 17024  
Uznana organizacja trzeciej strony zgodnie z Artykułem 20 Dyrektywy Europejskiej 2014/68/UE, Nr 1405  
Recognized third-party organization according to Article 20 of European Directive 2014/68/UE, No 1405



AC 054



#### CERTYFIKAT KOMPETENCJI

Certificate of Competence

NR / NO PT2/1757/2019/2

ważny: / is valid:

od / from 17-04-2019 do / to 16-04-2024

Potwierdza się, że: / This is to certify that:

**mgr inż. Piotr KOŚCIELNY**

urodzony(a) / born on 15-03-1988

posiada kompetencje według normy PN-EN ISO 9712 w zakresie  
has competence according to PN-EN ISO 9712 in the scope of

#### BADAŃ PENETRACYJNYCH (PT) stopień 2 PENETRANT TESTING (PT) level 2

Sektory związane z wyrobem: / Product sectors:

- (w) - złącza spajane / welds
- (wp) - wyroby przerabiane plastycznie oprócz odkuwek / wrought products except forgings
- (t) - rury różnych średnic i grubości ścianek / tubes and pipes

Sektory przemysłowe: / Industrial sectors:

PW - wytwarzanie / manufacturing

PED - z uwzględnieniem połączeń nierozłącznych urządzeń ciśnieniowych zgodnie  
z Dyrektywą Europejską 2014/68/UE

Along with permanent joints of pressure equipment according to European Directive 2014/68/UE

Instytut Spawalnictwa  
Dyrektor / Director  
*Zygmunt Mikno*  
dr inż. Zygmunt Mikno



Ośrodek Certyfikacji  
Certification Centre  
*Michał KUBICA*  
dr inż. Michał KUBICA

Podpis posiadacza certyfikatu  
Signature of certified person

*mgr inż. Piotr KOŚCIELNY*

Data wydania: / Date of issue: 02-04-2019



#### INSTYTUT SPAWALNICTWA OŚRODEK CERTYFIKACJI

Jednostka akredytowana przez Polskie Centrum Akredytacji według normy PN-EN ISO/IEC 17024  
Accredited body by Polish Centre of Accreditation according to standard PN-EN ISO/IEC 17024  
Uznana organizacja trzeciej strony zgodnie z Artykułem 20 Dyrektywy Europejskiej 2014/68/UE, Nr 1405  
Recognized third-party organization according to Article 20 of European Directive 2014/68/UE, No 1405



AC 054



#### CERTYFIKAT KOMPETENCJI

wydany zgodnie z programem certyfikacji W-04/IS-70

Certificate of Competence

issued in accordance with certification program W-04/IS-70

NR / NO RT2/15806/2019/2

ważny: / is valid:

od / from 02-06-2020 do / to 01-06-2025

Potwierdza się, że: / This is to certify that:

**mgr inż. Piotr KOŚCIELNY**

urodzony(a) / born on 15-03-1988

posiada kompetencje według normy PN-EN ISO 9712:2012 w zakresie  
has competence according to PN-EN ISO 9712:2012 in the scope of

#### BADAŃ RADIOGRAFICZNYCH (RT) stopień 2 RADIOGRAPHIC TESTING (RT) level 2

Sektory związane z wyrobem: / Product sectors:

- (c) - odlewy / castings
- (f) - odkuwki / forgings
- (w) - złącza spajane / welds
- (wp) - wyroby przerabiane plastycznie oprócz odkuwek / wrought products except forgings
- (t) - rury różnych średnic i grubości ścianek / tubes and pipes

Sektory przemysłowe: / Industrial sectors:

PW - wytwarzanie / manufacturing

PE - badania przed i eksploatacyjne wraz z wytwarzaniem

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PED - z uwzględnieniem połączeń nierozłącznych urządzeń ciśnieniowych zgodnie  
z Dyrektywą Europejską 2014/68/UE  
Along with permanent joints of pressure equipment according to European Directive 2014/68/UE

Dyrektor Instytutu  
Director of Institute  
*Adam Pietras*  
dr inż. Adam PIETRAS



Ośrodek Certyfikacji  
Certification Centre  
*Michał KUBICA*  
dr inż. Michał KUBICA

Podpis posiadacza certyfikatu  
Signature of certified person

*mgr inż. Piotr KOŚCIELNY*

Data wydania: / Date of issue: 18-12-2019



# Non Destructive Testing (NDT)

## Ultrasonic testing (UT)

### Level 2

 <p>Urząd Dozoru Technicznego Jednostka Certyfikująca Osoby UDT-CERT</p>	<h1>CERTYFIKAT</h1> <p>Certificate    Certificat    Zertifikat</p>
Nr / Nr. / № <b>03565-UT2</b>	
Niniejszym zaświadcza się, że <i>We hereby certify that / Nous certifions que / Hiermit zertifizieren wir, dass</i>	
Pan / Pani <i>Mr/Ms</i> <b>mgr inż. PIOTR KOŚCIELNY</b>	
Tytuł, imię i nazwisko / <i>Title, first name and surname / Titre, prénom, nom / Titel, Vorname, Name</i>	
<b>15.03.1988 r.</b> Data urodzenia <i>Date of birth / Date de naissance / Geburtsdatum</i>	<b>MYSŁOWICE</b> Miejsce urodzenia <i>Place of birth / Lieu de naissance / Geburtsort</i>
jest kompetentny (-a) zgodnie z wymaganiami PN-EN ISO 9712:2012 oraz procedurami jednostki certyfikującej personel badań nieniszczących w zakresie	
<i>is competent according to PN-EN ISO 9712:2012 and requirements of the NDT personnel certification body for</i>	
<i>est compétent, conformément à la PN-EN ISO 9712:2012 et aux directives d'organisme de certification du personnel d'essais non destructifs pour</i>	
<i>nach PN-EN ISO 9712:2012 und Richtlinie der Zertifizierungsstelle für die Qualifizierung und Zertifizierung von Personal der Zerstörungsfreien Prüfung kompetent ist für</i>	
<b>BADAŃ ULTRADŹWIĘKOWYCH stopnia 2 (UT-2)</b>	
<i>Metoda badania, stopień / NDT method, level / méthode d'essai, niveau / Prüfverfahren, Stufe</i>	
<b>7</b> Sektor (*) <i>Sector / Secteur / Sektor</i>	<b>04.2024 r.</b> Data wygaśnięcia certyfikatu <i>Expiry date / Date de fin de validité / Ablaufdatum</i>
W obszarze prawnie nieregulowanym – certyfikacja dobrowolna <i>In non-regulated area, voluntary certification    Dans le domaine non-réglementaire – la certification volontaire    Für den nichtgesetzlich geregelten Bereich - freiwillige Zertifizierung</i>	
 ..... Podpis osoby certyfikowanej <i>Signature of the certified person</i> Unterschrift des Zertifikatinhabers	<b>2.04.2019 r.</b> Data certyfikacji <i>Date of certification</i> Date de certification Datum der Zertifizierung
	 ..... Dyrektor Departamentu Certyfikacji i Oceny <b>Zgodności</b> <i>Head of Certification Body</i> Chef d'organisme de certification Leiter der Zertifizierungsstelle
(*) Objaśnienia na odwrocie / <i>Explanations overleaf / Explanations envers / Erläuterungen auf der Rückseite</i>	
	



# Certifications

## Training of operation of the emission spectrometer type - SPECTRO TEST<sup>CCD</sup>, SPECTRO xSORT

**CERTYFIKAT**

Zaświadczamy, że

Pan **Piotr Kościelny**

ukończył kurs

OBSŁUGI

SPEKTROMETRU EMISYJNEGO

typu **SPECTRO TEST<sup>CCD</sup>**

Kurs odbył się w dniach 13-15.02.2012.

Zakres szkolenia:

- Podstawowa obsługa spektrometru
- Przygotowywanie próbek
- Obsługa programu spektrometru
- Podstawowe czynności z zakresu konserwacji urządzenia
- Zasady BHP

15 lutego 2012

**SPECTRO POLAND**  
Przedstawiciel Techniczny  
*Piotr Kasprzak*

SPECTRO POLAND, ul. Wiślana 28, 05-420 Józefów  
Tel.: ( 22 ) 789 20 62  
Tel./Fax: ( 22 ) 789 23 16

**CERTYFIKAT**

Zaświadczamy, że

Pan **Piotr Kościelny**

ukończył kurs

OBSŁUGI

SPEKTROMETRU EMISYJNEGO

typu **SPECTRO xSORT**

Kurs odbył się w dniach 13-15.02.2012.

Zakres szkolenia:

- Podstawowa obsługa spektrometru
- Przygotowywanie próbek
- Obsługa programu spektrometru
- Podstawowe czynności z zakresu konserwacji urządzenia
- Zasady BHP

15 lutego 2012

**SPECTRO POLAND**  
Przedstawiciel Techniczny  
*Piotr Kasprzak*

SPECTRO POLAND, ul. Wiślana 28, 05-420 Józefów  
Tel.: ( 22 ) 789 20 62  
Tel./Fax: ( 22 ) 789 23 16



# Certifications

## Arbejdsmiljøuddannelse - Health and Safety Course FRC First Aid Course EA 1®



### Kursusbevis

Piotr Koscielny  
Navn

10.-12. september 2018  
Kursusperiode

2018-P04  
Kursusnummer

201300979766/2  
Arbejdstilsynets journalnr.

M. Sylvestersen  
Mikael Sylvestersen  
Underviser

Arbejdsmiljøgruppen  
Kursusarrangør

Arbejdsmiljøorganisationens  
arbejdsmiljøuddannelse



Annex

Finnish Red Cross

**Certificate**

FRC First Aid Course EA 1®  
Online course

PIOTR KOŚCIELNY

This certificate serves as a conditional first aid course completion confirmation.

Finnish Red Cross First Aid certificate is granted as both online course and practical training are completed.

Practical training has to be completed by  
04.04.2023



# Certifications

## Working at Height & Safety Harness Use Course Confined Space Training



SKCAPACITACIÓN



Santiago, 25 de Febrero de 2020

### CERTIFICADO

SK Capacitación, RUT 76.788.120-7, representada por Martín Contreras González, certifica que Piotr Koscielny, Rut ERO648609, ha aprobado el Curso:


#### Manejo de Seguridad Básica para Trabajos en Altura Física

Curso realizado el 25 de Febrero de 2020 en Arauco con una duración de 8 horas cronológicas.

#### CONTENIDOS:

- 1) Introducción
  - Conciencia sobre la prevención de riesgos.
  - Estándares de Prevención de Fatalidades SK.
  - Formación e información.
- 2) Normas básicas para el trabajo en altura física:
  - Obligatoriedad de uso de EPP y EPC.
  - Certificación de EPP y EPC.
  - Orden y limpieza.
  - Demarcación de áreas de riesgo.
  - Conexión 100% del tiempo.
  - Dualidad de anclajes.
  - Inspección y mantenimiento de EPP y EPC.
- 3) Principios básicos del trabajo en altura física:
  - Grupo de trabajo.
  - Trabajo a retención.
  - Trabajo en posicionamiento.
  - Fuerza de choque.
  - Factor de caída.
  - Absorbedores de impacto.
  - Efecto péndulo.
  - Cilindro de seguridad.
  - Aspectos médicos: síndrome del amnés, síndrome del aplastado.
  - Arnés Antitrauma.
- 4) Equipos de protección colectiva.
- 5) Equipos de protección personal.
- 6) Cuerdas.
- 7) Izaje manual de materiales.
- 8) Emergencias y rescate.
- 9) Uso de Autoevacuador.

El presente certificado tiene una vigencia de 2 años desde la fecha de emisión.

  
Martín Contreras González  
Gerente General  
OTEC SK CAPACITACIÓN S.A.

SK Capacitación S.A., ORGANISMO TÉCNICO DE CAPACITACIÓN autorizado por Resolución Externa N°3280 del 28 de Mayo 2007, para impartir actividades de capacitación al amparo de las normas de la Ley N°19.518, dando cumplimiento al artículo 21 y Art. 11 del Decreto Supremo N°98 de 1998 del Ministerio del Trabajo, modificada por la Ley 19.967. Empresa Certificada bajo NCh 2728.2015.

# B

Asesoría y Capacitación

## Diploma

Brito Pradenas Asesoría y Capacitación Limitada otorga el presente Diploma a

Don (ña): PIOTR KOSCIELNY

Rut: 27.214.366-8

De la empresa  
**VALMET S.A.**

Quien aprobó satisfactoriamente el curso  
**"TÉCNICAS EN ESPACIOS CONFINADOS"**

Realizado en Arauco, el 26 de Mayo de 2020

Duración, 8 horas



FIRMA

Representante Legal  
76.613.651-6

Nota: "Actividad de capacitación financiada, total o parcialmente, a través de Impulsa Personas, administrada por el Servicio Nacional de Capacitación y Empleo, Gobierno de Chile. Actividad no conducente al otorgamiento de un título o grado académico"



Main responsibilities:

Quality  
Consulting  
Services

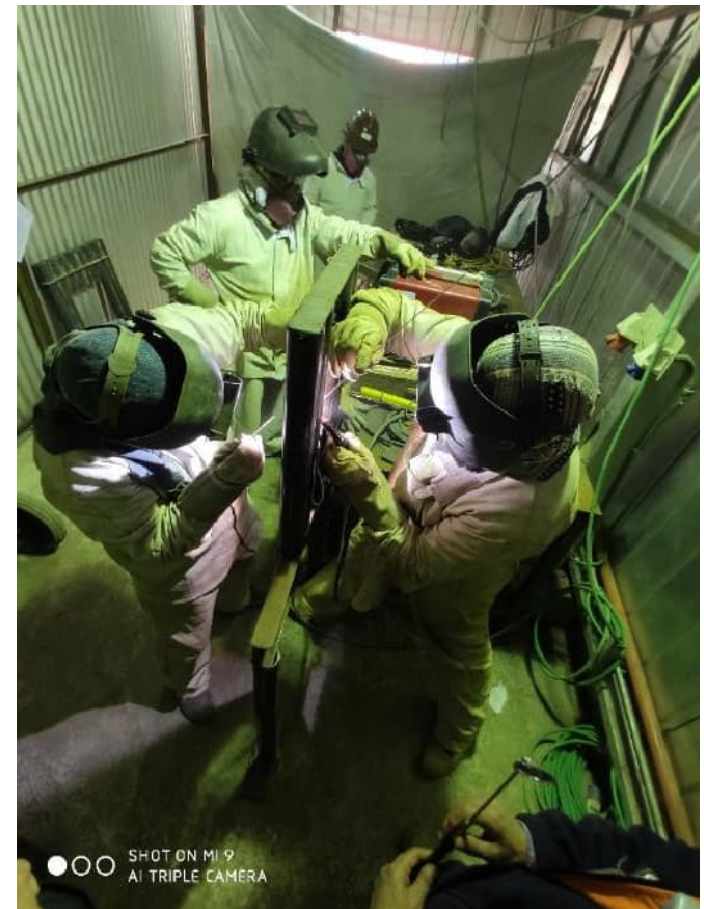


# Main responsibilities

## Duties & tasks during contract

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Participation during performance of welding work test (skill test)





# Main responsibilities

## Duties & tasks during contract

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Quality inspection of the preparation for welding (Hi-Lo)







# Main responsibilities

## Duties & tasks during contract

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Checking preheating and proper installation of the ceramic wool for thermal insulation

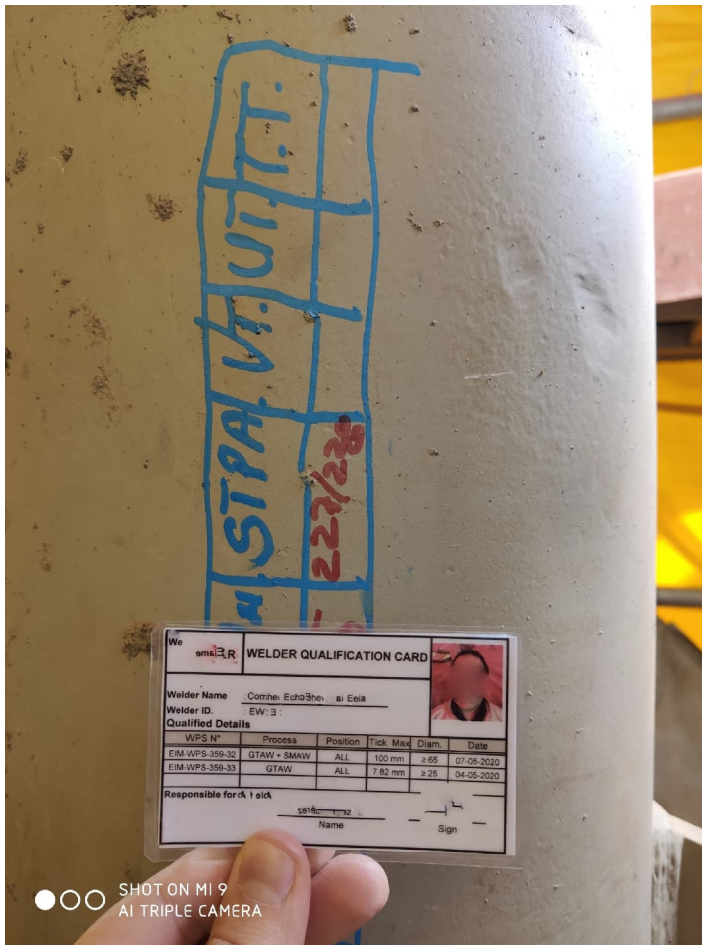




# Main responsibilities

## Duties & tasks during contract

Spot check of welder's qualifications during the work (welder passport)





# Main responsibilities

## Duties & tasks during contract

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Checking root penetration before closing the weld



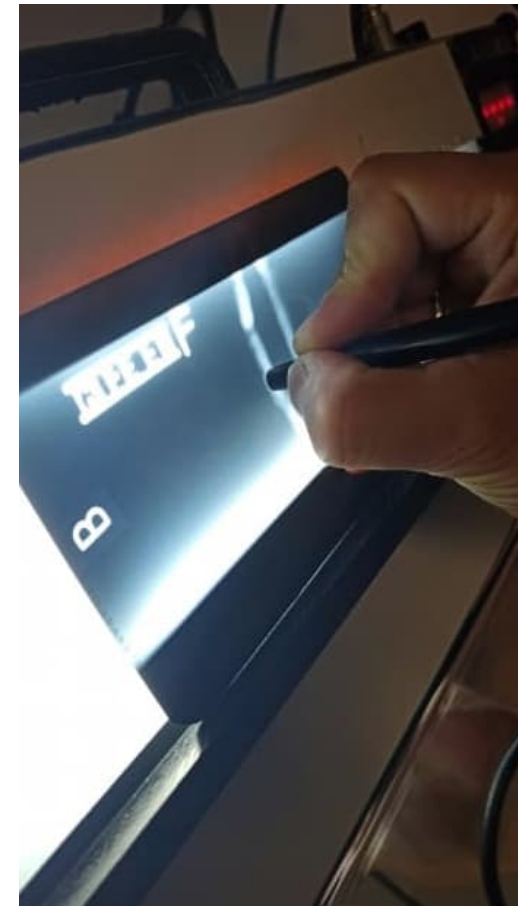
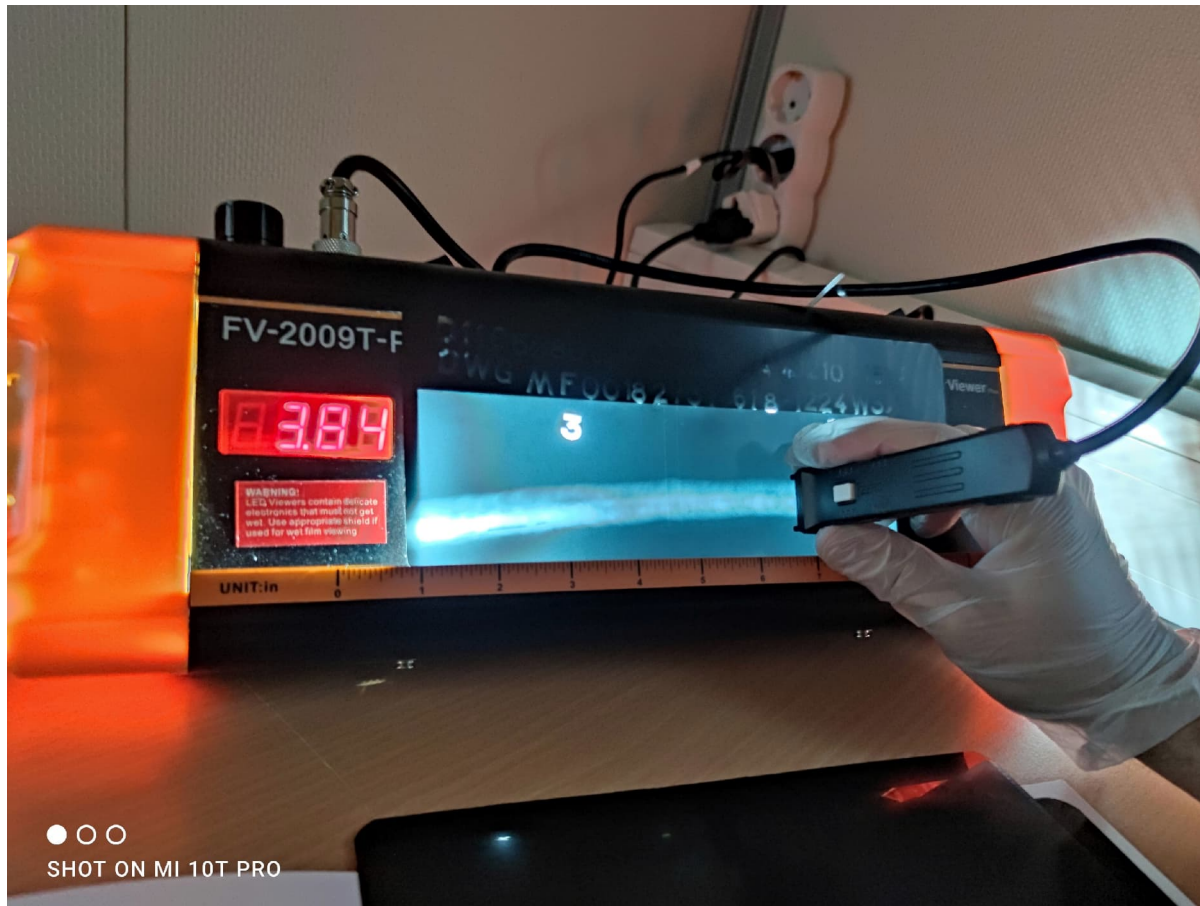


# Main responsibilities

## Duties & tasks during contract

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Checking density and IQI wire of the radiography films (X-Ray, Gamma) after chemical processing (developer)



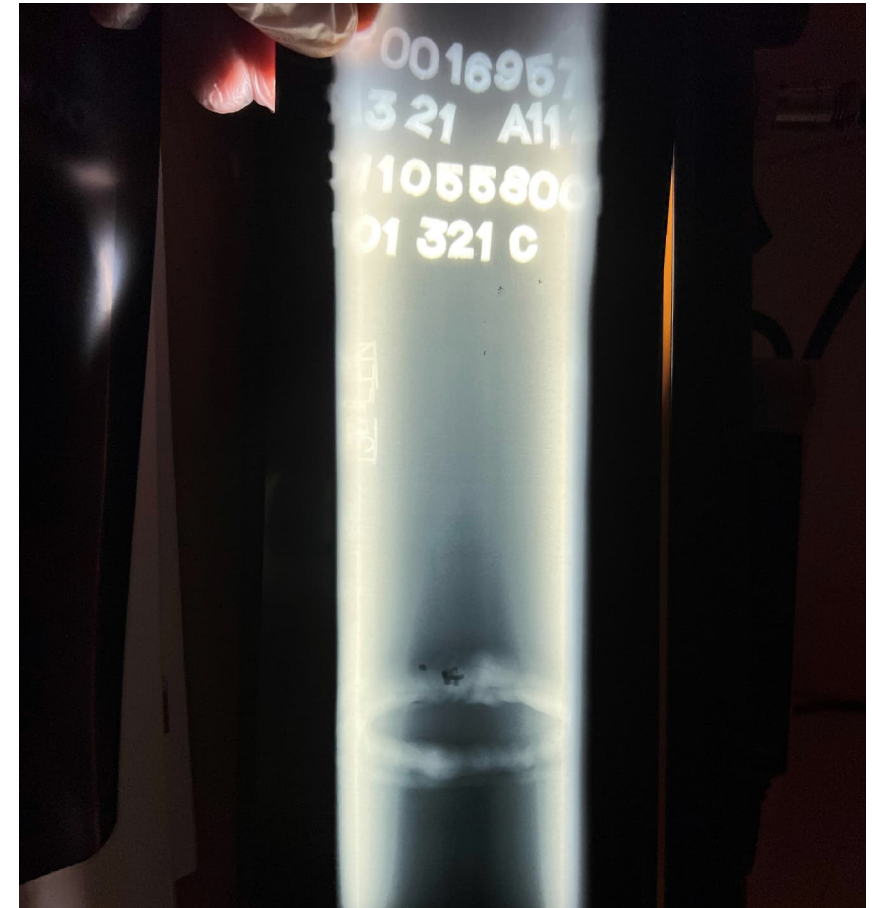


# Main responsibilities

## Duties & tasks during contract

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Inspection of conventional radiography films (X-Ray, Gamma)



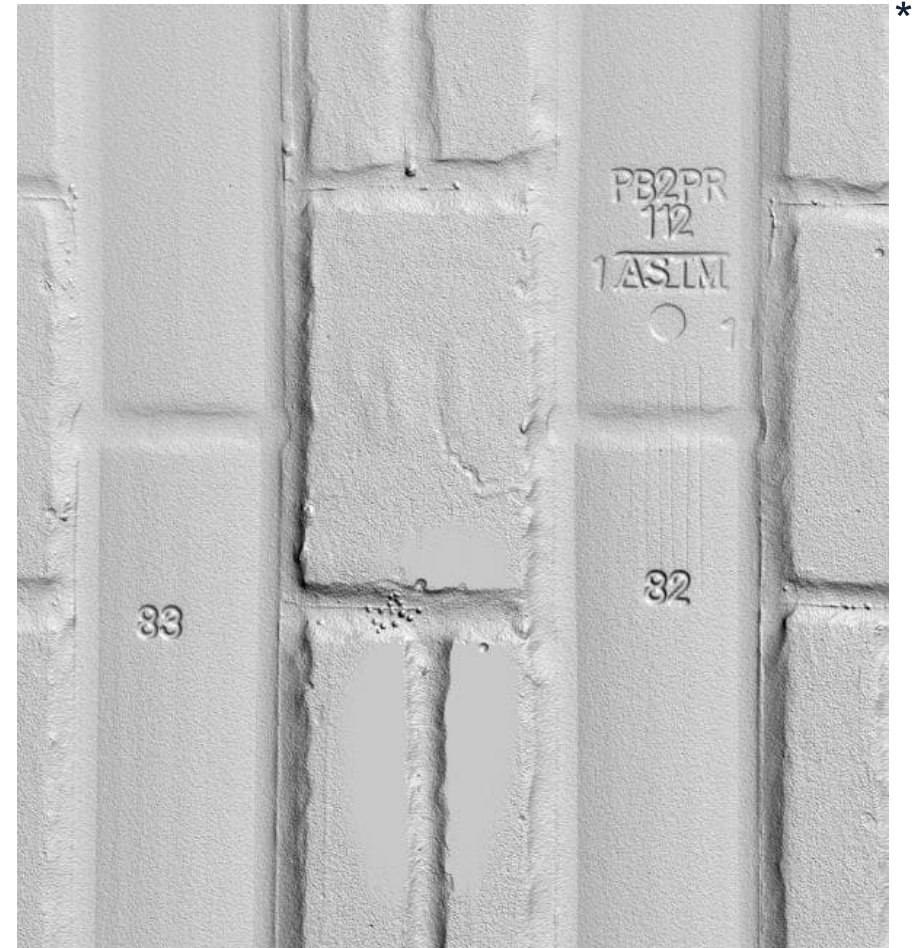
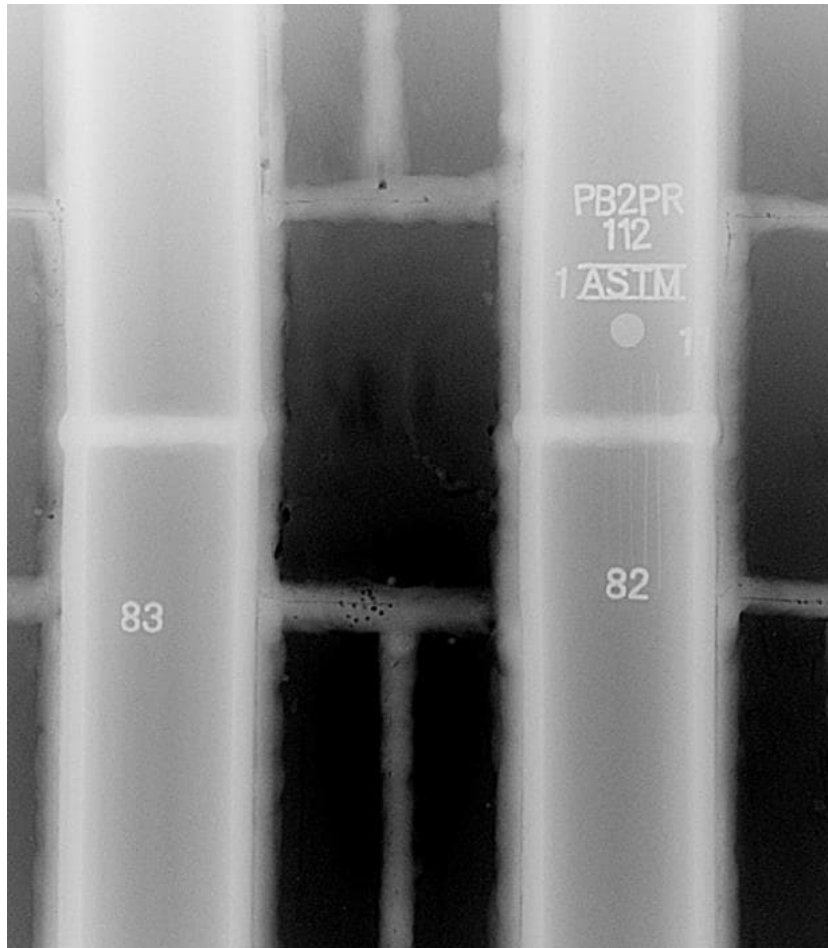


# Main responsibilities

## Duties & tasks during contract

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Inspection of digital radiography films (Pulse X-Ray) \*emboss view





# Main responsibilities

## Duties & tasks during contract

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Inspection of digital radiography films (Pulse X-Ray) - negative view /  
gap measurement between pipe and body valve





# Main responsibilities

## Duties & tasks during contract

Assuring the weld traceability (drawing, type of welds / number of welds, welder stamps, WPS, NDT status etc.)







# Main responsibilities

## Duties & tasks during contract

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Performing of Visual testing \*VT, Magnetic particle testing \*MT





Business references:

Quality  
Consulting  
Services

# Business references

## Metsä / DEKRA



Reference Letter  
Mr. Piotr Kościelny -  
Quality Consulting Services  
2022-06-30

1 (1)

BREV/LETTER



Handwritten/Please refer to  
Johan Nilsson

Date/Date  
2022-06-10

Your reference/Our reference  
Recommendation

Side Page  
1(1)

Metsä Board / Husum Pulp AB  
Hans Persson  
Husum Mill

### To whom it may concern,

Mr. Piotr Kościelny worked as QC for Valmet Technologies OY In Project Ursus.

Valmet Technologies OY project delivery in Ursus was a new Recovery Boiler (RB11), which includes a complete boiler assembly, pipelines, HVAC and ESP.

Mr. Kościelny showed extremely good engineering skills both as a weld- and quality engineer during his almost one year long work period in this project.

Mr. Kościelny worked all the time with high professionalism in this project and he solved some tough challenges with both welding and construction problems for both Valmet and Metsä Board.

In my work I was happy that Mr. Kościelny were in charge for the quality because he have good knowledge in EN-standards, have extremely good order in all documentation and are easy to communicate with.

I think that Mr. Kościelny are a good asset in all types of projects both as QA or QC and hope that we meet again in the future.

Finally I would like to give Mr. Kościelny the highest recommendation and if there are any questions don't hesitate to take contact with me.

Metsä Group  
Hans Persson  
Hans Persson  
QA Project Ursus

Digital signed by Hans Persson  
DN: cn=Hans Persson, o=Metsä Group, email=hans.persson@metsagroup.com, c=Finland, serial=1022268, dnQualifier=1022268, email=1022268, cn=Hans Persson, o=Metsä Group, email=hans.persson@metsagroup.com, c=Finland, serial=1022268, dnQualifier=1022268, email=1022268

### To whom it may concern.

I was a representative of DEKRA Industrial at project URSUS in Husum Sweden. The project consisted of the construction of a new recovery boiler with associated equipment, pipelines and pressure vessels.

DEKRA was notified body of this project. A prerequisite for such a project to work in the best possible way is good cooperation between different parties such as manufacturer, end customer, inspection body and notified body.

My (DEKRA's) cooperation with manufacturers worked very well and one of the reasons for that was Mr. Piotr Kościelny – Quality Consulting Services, who was Valmet's representative for the quality as Quality Site Supervisor. Mr. Piotr, in my opinion, had a complete check on the montage and if there were any thoughts or opinions from me/DEKRA, this was arranged without any problems by Mr. Piotr. It is a joy to work with such a person who is as professional and takes his job/commitment very seriously as Mr. Piotr does.

I had full confidence in Mr. Piotr throughout the project and hope that I will once again be part of a project for which Mr. Piotr is responsible.

Best regards.

*Johan Nilsson*

Johan M Nilsson  
DEKRA Industrial AB  
Postal address: Tegelvägen 22, SE-85350 Sundsvall  
Direct: +46 10 455 17 70 | Mobile: + 46 70 248 76 73  
[johan.m.nilsson@dekra.com](mailto:johan.m.nilsson@dekra.com)

# Business references

## Valmet Technologies Oy



Husum, 12<sup>th</sup> of April 2022 r.

To whom it may concern,

This is to endorse that Mr. **Piotr Kościelny - Quality Consulting Services**, worked for Valmet Technologies Oy as a Quality Site Supervisor in the construction site in Husum (Sweden) specifically in the project Ursus TP11 for main customer Metsä Board Sverige AB, between May 2021 r. to March 2022 r.

Valmet Technologies Oy scope of delivery in Ursus TP11 project included: Recovery boiler, ESP's, HVAC, CNCG etc.

In this duration Piotr performed Quality duties to the highest level of effectiveness, putting the project first to ensure all aspects within welding engineering were the proper ones, according to standards and engineering practices. Piotr is very hard working and his approach to quality aspects allowed that the assembly of the boiler and other components were carried out according to the schedule without any delay. From beginning to end of the project Ursus TP11, Piotr provided proper advisory in all QA/QC aspects to customer's representatives and the Notified Body - DEKRA which likewise contributed to the pressure test (hydro test) of the boiler was successfully completed.

In conclusion, Piotr has been a great asset to our team and a valuable member. I highly recommend Piotr without any minor doubt and any hesitation for any QA/QC position since I'm confident that he will be able to handle any new task / challenge.

I would be very happy to work with Piotr in the future. I hope this recommendation will be helpful for you, and if you have any questions, please feel free to reach out to me.

**Tuomo Hakkarainen**  
Site Manager

**Valmet Technologies Oy,**  
P&E Energy P&S Construction Management  
[tuomo.hakkarainen@valmet.com](mailto:tuomo.hakkarainen@valmet.com)  
Mobile +358 40 546 1168



1/1

May 11, 2021

To whom it may concern,

Mr. Piotr Koscielny was working as Valmet quality advisor in the construction of Celulosa Arauco y Constitución S.A. (ARAUCO) new Arauco Pulp Mill Line 3, called MAPA project, between February 2020 and March 2021

MAPA Project is a completely new pulp mill with yearly pulp production capacity of 1,560,000 tons. The total investment cost of the project being USD 2,350 million.

Valmet delivery in MAPA project consists of:

- Recovery Boiler
  - 6300 tds / 24 hrs
  - 308 kg/s steam @106 bar, 495°C
- Biomass Boiler
  - 65 kg/s steam @106 bar, 495°C
  - 160 MW<sub>th</sub>
- Two Complete Pulp Drying Lines 2 x 2500 ADt/d, cutter trim 8.004 m

In MAPA project Piotr was in charge of quality advisory for both Boilers and their auxiliary equipment but he also participated actively in quality control of Pulp Dryers piping and tanks preassembly.

Piotr is very competent in all more common quality assurance related tasks but in addition he has excellent knowledge of various NDT methods and in case there will be a need, he will study and get familiar with any new aspect that may arise. And apart of being a fine professional he has truly positive approach to any task he needs to execute and is always contributing to create a good team spirit within the work community.

I can recommend Piotr without a minor doubt to any quality assurance task or quality management position in industrial installations and would be myself very happy in case I have a chance to work with Piotr in the future.

Valmet is the leading global developer and supplier of process technologies, automation and services for the pulp, paper and energy industries. Valmet's strong technology offering includes pulp mills, tissue, board and paper production lines, as well as power plants for bioenergy production. Valmet's net sales in 2020 were approximately EUR 3.7 billion with 14,000 professionals employed around the world. [www.valmet.com](http://www.valmet.com)

Best Regards,

**Antti Ahola**  
General Site Manager

**Valmet Technologies, Inc.**  
Project and Site Management  
Energy Business Unit

Mobile phone  
+358-40-5020 527  
[antti.ahola@valmet.com](mailto:antti.ahola@valmet.com)



# Business references

## Global Maintenance Services Ltd. - GMS / Arauco



# arauco

### RECOMMENDATION LETTER FOR MR. PIOTR KOSCIELNY

GLOBAL MAINTENANCE SERVICES LTD  
COLO-COLO 379  
OFFICE 910  
CONCEPCIÓN  
CHILE

CONCEPCIÓN, 22/02/2021

To whom it may concern,

We had the pleasure to work Mr. Piotr Koscielny as he was a Site Supervisor Quality at MAPA Project - Celulosa Arauco y Constitución S.A., A very important project for the Chilean Power generation Industry, in which GMS takes part together with VALMET.

Mr. Piotr showed commitment and responsibility throughout the period we worked closely; and GMS is pleased to recommend him, we really hope we have the opportunity to work with him again.

In case you need more information, please feel free to contact our Technical Manager, Guillermo Rojas ([guillermo.rojas@gmsltda.com](mailto:guillermo.rojas@gmsltda.com)), who would be very happy to assist you with any question that might arise regarding this recommendation.

Regards,

GUILLERMO ALEXIS ROJAS PACHECO  
TECHNICAL MANAGER

To whom it may concern:

I, Cesar Retamal Ibarra, contract administrator in Arauco have worked with mr. Piotr Koscielny for over one year in MAPA Project (Modernization and Expansion of Arauco Plant) in Horcones, eight region of Chile. The project consists of the construction of a plant of white cellulose, with a production capacity of over 1,500,000 tons.

Piotr Koscielny has been our specialist advisor in QA/QC from Valmet for the project, where he mainly worked in the areas of power and recovery boilers and electrostatic precipitators (ESP).

Mr. Koscielny has been in charge of supervising the correct interpretation and application of the standards established for the project, as well as the checking of protocols and procedures issued for construction, including topographic protocols and NDT in general (PT, UT, RX, RT and VT).

Piotr had a high technical performance in his work and always gave priority to the quality of the work over the progress of the work, demonstrating a high commitment to the quality of the project. He is a technically reliable person with a high sense of responsibility.

Please feel free to contact me if you have any extra doubts or if would like to have further information about his work. I would be happy to give more details. You can find my contact information on my signature below.

Best regards,

Cesar Retamal Ibarra  
Contract Chief Administrator  
Arauco MAPA project,  
Horcones s/n, Bio Bio, Chile  
Phone:

[Cesar.Retamal@arauco.com](mailto:Cesar.Retamal@arauco.com)  
[www.arauco.com](http://www.arauco.com)

Concepción, March 18th, 2021



# Business references

## Applus Aerospace UK Ltd / iLux Inspection

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To whom it may concern,

I worked with Piotr as a supplier of Non Destructive Inspection on the Waste to Energy project at Stonehouse, Gloucester while he was QA/QC Specialist. His role included co-ordinating the pipe inspections in line with HS&E and national quality standards requirements.

The structure and organisation he set in place for Applus to carry out the work made working for his company easy to support and arrange even when priorities changed due to unforeseen circumstances.

I feel he would be an asset to any Company he worked for in the future.

Kind regards,

Charlie

Operations Manager

**Applus<sup>+</sup>**

**Applus Aerospace UK Ltd**  
61 Albert Road North  
Reigate, Surrey RH2 9RS  
(United Kingdom)

T: +44 1737 222 211

M: +44 7912 477028

E: [Charlie.dalton@applusaerospace.co.uk](mailto:Charlie.dalton@applusaerospace.co.uk)

[www.applusaerospace.co.uk](http://www.applusaerospace.co.uk)



To whom it may concern

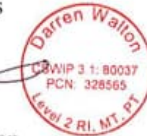
I worked alongside Piotr Koscielny during my time as lead QA/QC consultant to principle contractor Babcock & Wilcox Volund on the Margam green energy project. Piotr was QA/QC specialist for contractor ZRE whose responsibilities were the installation of balance of plant.

Piotr oversaw all welding activities and compiled the LTR records for ZRE on what was a difficult project. He showed great knowledge of materials and their weldability and compiled an excellent LTR file. He has a good understanding of the English language and was able to communicate effectively.

To summarise I would have no concern recommending Piotr for a similar role.

Best Regards

Darren Walton  
Managing Director  
19<sup>th</sup> February 2019





# Business references

## Lacie INSPECTION

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ASHLEY STOTON  
30 Tecwyn Drive, Connah's Quay, Deeside,  
Flintshire. CH5 4JN  
Email: [nw203@hotmail.co.uk](mailto:nw203@hotmail.co.uk)  
Mobile: 07901 821262

Lacie INSPECTION



Piotr has many certificates which include RT, UT, VT, MT and PT all at level II and an excellent understanding of the English language, all this has made it possible to have a good understanding together and brilliant communication skills and knowledge on all 3 projects. I feel Piotr has drive, determination and would be an asset to any project or company that he works for in the future.

25<sup>th</sup> January 2019

Piotr Koscielny  
ZRE Katowice S.A  
QA/QC Specialist

Dear Piotr Koscielny,

I am writing you this letter firstly to say a big thank you for all the help and support you have given me over the last 3 projects we have completed together and secondly to give you a good reference to support you in the future if you decide to widen your career path.

I have known Piotr for over 4 years now, we first met on the Margam Green Energy site back in 2014, followed by Teeside Energy from Waste and finishing on the Gloucester Energy from Waste where Piotr was the Welding Engineer/Welding Co-ordinator for ZRE Katowice. The 3 projects consisted in the construction of a waste fired power plant generating clean electricity.

I have worked with Piotr from start to finish on these 3 projects which consisted at the start with preparing documentation for the NDT, choosing the relevant NDT scope required for each section of the build and putting together the RAMS, Procedures and Techniques required and all the preparation to command the opening of Radiographic Testing. Once all the NDT Testing was under way Piotr would co-ordinate all the research required, prepare all the requests which included identifying the correct welds to be tested, marking up of the relevant welds, supplying a site map for myself and putting in the site notice with barrier drawings to the permit office and client, all this work was beyond the call of duty and a massive help to me and the smooth running of each project.

Yours Sincerely





# Business references

## Babcock & Wilcox Vølund A/S / Hitachi Zosen INOVA AG

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To whom it may concern,

It's my absolute pleasure to recommend Piotr Koscielny.

I thoroughly enjoyed working with Piotr on Margam Green Energy Project, Wales. I was Lead QA/QC for BWV on site approving our suppliers Final Documentation and worked together with Piotr during the construction and review of ZREs Final Documentation. Piotrs knowledge of piping, welding, ndt and quality in general was a huge advantage for BWV when I reviewed and approved ZREs Final Documentation. Piotr is a true team player, and always manages to foster positive discussions in order to solve any challenges which I was deeply thankful for during my time at Margam Green Energy Project. This resulted in the Final Documentation being approved by BWV, NOBO and the Final Client without any major issue.

Without a doubt, I confidently recommend Piotr to any company in the future.

Please feel free to contact me on the contact information below in my email signature if you would like to discuss Piotrs qualifications and experience further. I'd be happy to expand on my recommendation.

Med venlig hilsen / Best regards

Kim Markus Hansson  
Project Quality Manager  
Quality Assurance & Inspections

  
2018.12.11  
  
**B&W** babcock & wilcox vølund

Odinsvej 19 Phone: +4576143400  
DK-2600 Glostrup Direct: +4543265968  
Denmark Cell: +4531151095  
Reg. no.: 25 05 36 64  
[www.volund.dk](http://www.volund.dk)

Hitachi Zosen  
INOVA

Adam Harlejczyk  
Hitachi Zosen Inova AG  
Site Quality Manager  
Edinburgh RERC  
Whitehill Road  
Dalkeith, EH21 8RY, UK  
15.02.2019

### Recommendation Letter

#### For Mr. Piotr Koscielny

To whom it may concerns,

Mr. Piotr Koscielny has been worked as QA/QC Specialist during "Edinburgh & Midlothian Residual Waste Facility" project P-3266 in Scotland.

The project consisted in the construction of energy-from-waste plant. The investment was carried out for the Hitachi Zosen Inova AG and Piotr was employee of one of the main Subcontractor companies, ZRE Katowice S.A., responsible for installation of the energetic boiler, as well as internal and external piping.

Piotr was mainly dealing with performing of NDT on the project such us: VT, MT, PT, UT, HT, as well as reporting them and preparation of documentation from conducted examinations. He was also responsible for coordination of radiography examinations: selection of an external company performing RT services, scheduling radiography tests onsite, arranging external company for individual welds inspections, selection of welds needing to be tested, as well as preparation of orders for testing in accordance with current Standards and Client's requirements.

While the work progress on site during project realization coerced the opening of the second shift, Piotr was working as a Welding Engineer / Welding Inspector.

Piotr is really reliable, honest and conscientious employee. I hope that I will have the opportunity and pleasure to work with Piotr again.

Best Regards  
  


Hitachi Zosen Inova AG

Adam Harlejczyk  
Site Quality Manager





# Business references

## UBB - Urbaser Balfour Beatty / CMI Services Energy Sud

---

UBB Gloucestershire Construction JV  
Javelin Park  
Bath Road  
Haresfield  
Gloucestershire  
GL10 3ET



*Marcin Dunalewicz*  
Superviseur Chef d'équipe  
[marcin.dunalewicz@cmigroupe.com](mailto:marcin.dunalewicz@cmigroupe.com)  
Phone: 0032475 30 38 20

12/Feb/2019

To whom it may concern,

Piotr Kościelny has been employed from February 2018 to July 2018 on the Gloucester Energy from Waste Project as the Welding Engineer and Welding Inspector during assembly of the boiler and external pipelines for RAFAKO S.A.

Piotr has worked effectively and diligently with regards to the quality of work executed by the subcontractors under his supervision regardless of the weather, shift pattern or weekend rota requirements. I would be happy to have Piotr on my team again in the future.

Regards,

Jeremy Young

---

*Gloucester Energy From Waste Facility*  
Project Quality Manager

T: | M: 07970 106 064 | E: [Jeremy.Young@UrbaserBalfourbeatty.com](mailto:Jeremy.Young@UrbaserBalfourbeatty.com)

To whom it may concern,

Piotr was working as a NDT Technician in main Subcontractor company in ZRE Katowice S.A. during " Fiabilisation du Générateur de Vapeur (Partie Basse)" project in France. The investment was carried out for the EDF Cordemais Customer.

Piotr was mainly dealing with performing of NDT on the project such us: VT, MT, PT, as well as reporting them and preparation of documentation from conducted examinations. Piotr also has NDT (VT, MT, PT, RT, UT - level 2), which made it easier to talk to him about specialist topics from each of the methods.

While the work progress on site Piotr was working as a Welding Engineer / Welding Inspector.

Piotr is really reliable, honest and conscientious employee. I am pleased to recommend Piotr and I hope that I will have the opportunity to work with him again.

Best Regards

**Dunalewicz Marcin**

*Chef d'équipe soudeur - CMI Services Energy Sud*

**CMI**

Av. Greiner, 1 - BE 4100 Seraing

Tel.: + 32 475 30 38 20

[marcin.dunalewicz@cmigroupe.com](mailto:marcin.dunalewicz@cmigroupe.com)

[www.cmigroupe.com](http://www.cmigroupe.com)

---

**Cockerill Maintenance & Ingénierie**



# Business references

## Quality Consulting Services

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Contact:

Quality  
Consulting  
Services

# Quality Consulting Services

Contact

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Piotr Kościelny  
Site Supervisor, Quality (IWE, IWI-C) / CEO

Mobile phone +48606283896  
piotr.koscielny@qcservices.pl

**[www.qcservices.pl](http://www.qcservices.pl)**