

## Curriculum Vitae

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### Personal Profile

Well experienced freelancer with advanced knowledge in environmental and power plant technology. Distinguished by remarkable reliability and independent working method. Distinct international orientation due to various site engagements as a commissioning engineer all over western europe. Successful in leading positions as well as good in team working.

### Professional Experience

since 10/98	Self-employed engineer; free-lancing generally in plant engineering and construction (environmental and power plant technology), commissioning prioritised
08/94 - 12/97	Company <i>Lentjes Energietechnik GmbH</i> , Essen/Germany; employed as a commissioning engineer
07/93 - 07/94	Company <i>Prisma Umwelttechnik GmbH</i> , Dinslaken/Germany; employed as a commissioning engineer

### Academic Education

03/88 - 04/93	Studies at the college <i>Fachhochschule Düsseldorf</i> , Germany Course: process engineering Graduation: "Diplom-Ingenieur" (comparable to the Msc) Final grade: "gut" (comparable to B) Thesis: "The operating performance of a coarse-grained activated carbon used for the flue gas treatment of a waste incineration plant" (grade "sehr gut", comparable to A)
10/83 - 10/87	Studies at the <i>technical university of Dortmund</i> , Germany Course: chemical engineering
08/74 - 06/83	Natural scientific high school <i>Lise-Meitner-Gymnasium</i> , Düsseldorf/Germany; Graduation: Abitur (comparable to A levels) Final grade: "gut" (comparable to B)

### Advanced Training

Courses with Certification	Health and safety for executive managers (Safety Certificate Contractors, SCC)  Expert for gas pressure controllers and measuring units (DVGW, German Technical and Scientific Association for Gas and Water)
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Breathing protection, Breathing apparatus wearer (industrial gas masks, filter units, compressed air breathing apparatus)

## Skills

Languages German (native), English (good), French (basic)

Computer MS Office (Word, Excel good)  
SAP (for maintenance issues)

## Reference Projects

<b>serial no. period company</b>	<b>project description</b>	<b>function / work pattern</b>
<b>38</b> 01/23 - ? JFE Standardkessel Baumgarte	EPC Chalampé (F)  new waste incineration plant	Commissioning manager for the entire plant. Cold and hot commissioning, optimization.
<b>37</b> 09/22 - 01/23 JFE Standardkessel Baumgarte	Biomass power plant E-WOOD, Doel (B)  New biomass-fired power plant (combustion of waste wood)	cold and hot commissioning
<b>36</b> 10/21 - 08/22 EEW Energy from Waste	KVA Buschhaus (D)  New sewage sludge incineration plant	Commissioning manager for the entire plant. Cold and hot commissioning, optimization.
<b>35</b> 06/19 - 06/21 EEW Energy from Waste	Kraftwerk Schwedt (D)  Existing power plant fired by waste, natural gas and paper sludge	Shift leader and operator for the entire plant. Consultant and supervisor for personnel training.
<b>34</b> 10/18 - 04/19  EnviCon Engineering GmbH	Heizwerk Altchemnitz, Chemnitz (D)  modernisation and upgrading of an existing natural gas fired power plant (district heat production) by installing three new fire tube boilers including the associated circulation pump systems and a pressure maintaining system	Commissioning manager for the entire plant.
<b>33</b> 06/18 - 09/18  JFE Standardkessel Baumgarte / Stadtwerke Gießen	TREA II Gießen (D)  new waste incineration plant	Supervisor for cold and hot boiler commissioning (flushing, boil out, steam blow). Cold and hot commissioning of the water steam cycle. Consultant for all commissioning issues. Cold commissioning of the waste feed system, the grate, boiler and bottom ash transport systems and the flue gas treatment plant (partially).

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<b>32</b> 10/17 - 05/18 E.ON Energy Projects	KGW 2.0, Kraftwerk Grenzach-Wyhlen (D)  modernisation and upgrading of an existing natural gas fired power plant by installing a new gas turbine, a new fire tube boiler and a new steam turbine	Commissioning manager for the entire plant during cold and hot commissioning phase, reliability runs and performance tests.
<b>31</b> 07/17 - 08/17 JFE Standardkessel Baumgarte	Biomass power plant, Widnes (UK)  new biomass-fired power plant (combustion of waste wood)	Shift leader for the entire plant during reliability run and performance test.
<b>30</b> 07/16 - 04/17 Hitachi Zosen Inova	Environmental Recovery Facility ERF Herefordshire & Worcestershire, Hartlebury (UK)  new waste incineration plant	Shift leader for the entire plant during cold and hot commissioning phase. Supervisor during reliability run and performance test.
<b>29</b> 07/14 - 10/15 Hitachi Zosen Inova	KVA Renergia Zentralschweiz Perlen, LU (CH)  new waste incineration plant (2 lines)	Commissioning lead engineer for the FGT plant. Cold and hot commissioning, optimisation and reliability run.
<b>28</b> 01/13 - 05/14 Alstom Power	Rheinhafen-Dampfkraftwerk Karlsruhe (D)  new hard coal-fired power plant (1 unit)	Operator for the water steam cycle during hot commissioning and reliability run.
<b>27</b> 09/12 - 12/12 Reining Heisskühlung	Finnfjord AS, Finnsnes (N)  Expansion of heat recovery boiler (2 lines) in a melting furnace plant	Cold and hot commissioning of one line boiler/water/steam. Plant monitoring and optimisation during reliability run especially concerning the interaction with boiler and turbine.
<b>26</b> 01/10 - 04/12 EBARA	EVA Höchst, Frankfurt (D)  new waste incineration plant (3 lines)	Cold commissioning of some systems of the plant. Shift leader for the entire plant during cold and hot commissioning phase. Optimisation
<b>25</b> 02/09 - 12/09 Hitachi Power Europe	HKW Duisburg-Walsum (D)  new hard coal-fired power plant (1 unit)	Shift leader for the entire plant during cold and hot commissioning phase.
<b>24</b> 03/08 - 02/09  Fisia-Babcock	IKW Rüdersdorf (D)  new waste incineration plant	Cold and hot commissioning of the entire FGT including associated attendant facilities. Supervisor for the mentioned plant components during reliability run. Optimisation

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<b>23</b>  09/07 - 03/08  Fisia-Babcock	CT Alcudia, Mallorca (E)  expansion of a flue gas desulphurisation in an hard coal-fired power plant (2 lines)	Cold and hot commissioning of the plant component spray absorber with atomizer and associated attendant facilities. Supervisor for the mentioned plant components during reliability run. Shift leader for the entire plant during hot commissioning and reliability run. Optimisation
<b>22</b>  03/07 - 08/07  Lurgi	SKW Piesteritz, Wittenberg (D)  new biodiesel plant	Cold and hot commissioning of the plant component neutralisation/hydro-extraction and associated attendant facilities. Shift leader for the entire plant during hot commissioning and reliability run. Optimisation
<b>21</b>  02/07 - 03/07  Lurgi	EPC Ebeleben (D)  new biodiesel plant	Operator for the entire plant during hot commissioning and reliability run.
<b>20</b>  03/06 - 12/06  Lentjes Lentjes	EfW Allington, Maidstone (UK)  new waste incineration plant (3 lines)	Cold and hot commissioning of the fluidised bed incinerators and all associated attendant facilities. Supervisor for the mentioned plant components during reliability run. Optimisation
<b>19</b>  11/05 - 03/06 Fisia-Babcock	MVA Wuppertal (D)  new incinerator (combustion and boiler) in an existing waste incineration plant	Cold commissioning of some systems of the plant. Shift leader for the entire plant during hot commissioning and reliability run. Optimisation
<b>18</b>  05/05 - 10/05  Lab	TREA Leuna (D)  new waste incineration plant	Cold and hot commissioning of the entire FGT including associated attendant facilities. Shift leader and supervisor for the mentioned plant components during reliability run. Optimisation
<b>17</b>  03/05 - 04/05 Envirotherm	Kambarka, Udmurtien (RUS)  new incineration plant for chemical weapons	Final erection check and cold commissioning of the plant component wet electrostatic precipitator after its pre-erection in Holzgerlingen (D)
<b>16</b>  10/04 - 01/05  Fisia-Babcock	Affaldscenter Aarhus (DK)  new waste incineration plant	Cold and hot commissioning of the plant components combustion, boiler and associated attendant facilities. Shift leader for the entire plant during hot commissioning and reliability run. Optimisation
<b>15</b>  01/04 - 09/04 Lurgi Lentjes	SMTB Lacq, Pau (F)  new sewage sludge incineration plant	Shift leader for the entire plant during hot commissioning and reliability run. Optimisation. Coordination of the performance test. Handling of snagging items.

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<b>14</b> 06/03 - 12/03 Lurgi	ETRSU Meia Serra, Madeira (P) new waste incineration plant (2 lines)	Shift leader for the entire plant during hot commissioning and reliability run. Optimisation
<b>13</b> 01/03 - 06/03 Lurgi	Utility Center Maasvlakte, Rotterdam (NL) new combined cycle power plant (natural gas fired)	Cold commissioning of the entire plant except the gas turbine.
<b>12</b> 10/02 - 12/02 Lurgi Lentjes	FBC Grovehurst, Kemsley (UK) new paper sludge incineration plant	Shift leader for the entire plant during hot commissioning and reliability run. Optimisation
<b>11</b> 05/02 - 09/02 Bischoff	Wirbelschichtfeuerungsanlage Werdohl-Elverlingsen (D) new sewage sludge incineration plant	Cold and hot commissioning of the entire FGT including associated attendant facilities. Shift leader and supervisor for the mentioned plant components during reliability run. Optimisation
<b>10</b> 10/01 - 04/02 Lurgi	WtE Kirklees, Huddersfield (UK) new waste incineration plant	Cold commissioning of the entire plant. Shift leader during hot commissioning and reliability run. Optimisation
<b>9</b> 02/01 - 03/01 Akzo Nobel	Analysis of the production processes in a coating powder factory, Bensheim and Reutlingen (D)	Consultancy of the departments production planning, engineering and control. Recording production times, documentation and evaluation.
<b>8</b> 10/00 - 01/01 german service	Klärwerk Paderborn-Sande (D) modification of a sewage sludge drying plant	Projekt manager Design engineering, coordination of erection, commissioning and optimisation
<b>7</b> 05/00 - 10/00 and 06/01 - 09/01 IVAgethen	Stationary and mobile recycling units, Düsseldorf (D)	Commissioning and maintenance of crusher units
<b>6</b> 10/98 - 04/00 USF Edwards & Jones	Klärwerk Köln-Langel (D) Expansion and modification of the mechanical sewage sludge drying plant	Projekt manager Detail engineering, coordination of erection, commissioning and optimisation
<b>5</b> 07/97 - 11/97 Lentjes	AVA Völklingen-Velsen (D) new waste incineration plant (2 lines)	Commissioning manager for the plant component flue gas denitrification (SCR) Cold and hot commissioning, reliability run, optimisation

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<b>4</b>  01/97 - 06/97  Lentjes	AVG Hamburg (D)  new hazardous waste incineration plant	Deputy commissioning manager for the plant component FGT including associated attendant facilities. Cold commissioning of the mentioned components. Shift leader during hot commissioning and reliability run. Optimisation
<b>3</b>  10/96 - 11/96  Lentjes	MVA Wuppertal (D)  Modification of the FGT in an existing waste incineration plant	Deputy commissioning manager for the plant component FGT. Coordination and supervision of the modifications.
<b>1</b>  01/96 - 04/96 and 09/96 - 10/96 and 09/97 - 10/97  Lentjes	MVA Düsseldorf-Flingern (D)  Modification of the FGT in an existing waste incineration plant (3 lines)	Projekt manager Detail engineering, coordination of the modifications and supervision, commissioning and optimisation
<b>2</b>  08/94 - 01/96 and 05/96 - 08/96  Lentjes	MVA Hamburg-Stellinger Moor (D)  Expansion of the FGT in an existing waste incineration plant (2 lines)	Commissioning lead engineer for the plant components FGT and waste water treatment plant. Cold commissioning of the mentioned components and the associated attendant facilities. Shift leader during hot commissioning and reliability run. Optimisation Handling of snagging items
<b>1</b>  07/93 - 07/94  Lentjes	MVA Düsseldorf-Flingern (D)  Expansion of the FGT in an existing waste incineration plant (3 lines)	Commissioning manager for the plant component FGT. Cold and hot commissioning, reliability run, optimisation