

Expertise & Development



www.montdoo.com

MONT Stubline d.o.o.

ABOUT US

Mont Stubline d.o.o. is a family business originally founded as Metal-Mont d.o.o. in 1991. It operated mainly in Serbian market, manufacturing and overhauling equipment for power plants. After EU trade embargo was lifted in 2000. we have slowly started to export our products, but limited to Balkan countries. In 2010., new generation of engineers (Ana and Radovan Karic) took over the Company from their father and renamed it to Mont Stubline d.o.o. The company's main focus was developing tailor-made products for specific markets, investing in manufacture modernization and R&D for new solutions. This shift has brought us our first export contract to US in 2011., followed by very succesful ventures in several EU countries – Germany, Denmark, UK, France, Ireland.

Annual export amount to EU is steadily growing year by year, 2018. being the most succesful thus far, with 1mnEUR export to EU countries reached.

Company's versatile product portfolio and flexible approach resulted in steady workflow and 50% growth since 2011.

Main lines of work are branched:

- Pressure vessel design and manufacture
- Stainless steel process equipment
- Biogas plant equipment: Heat exchangers, pasteurization units, service platforms etc.
- General steelwork according to Client request
- Industrial piping packages: prefabrication and fitting

All products from our portfolio is subject to internal and 3rd Party QA procedures. The products are designed/calculated by our engineers using specialized software. Manufacture procedures and track records are in accordance to harmonized EN standards and code regulations.

We organize client visits for QA audits upon request.

Welding is done by specified procedures and records (WPQR, WPS) using newest equipment and different welding types (MIG/MAG SAW,TIG,SMAW). Welding and subsequent NDT testing are performed by certified and highly skilled personel.



Pic 1. Minister for Innovation Nenad Popovic (right) visits the company in 2018.

During its existence, Mont Stubline has formed excellent and mutually fruitful business relationships with prominent clients in EU. Our strategy is to provide our clients with both brains and muscle for their projects. We are always looking for ways to improve, making Mont Stubline top class supplier, highly competitive and flexible. Ventures in tailor-made products for specific industries, like biogas and cogeneration, aim to establish us as a recognizable brand in these industries.

Our vision was recognized by Serbian Innovation Fund and World Bank, giving us 200.000 EUR co-financing grant for R&D project aimed at optimizing and developing heat exchangers specialized for liquid biomass.

DOUBLE HELICOID HEAT EXCHANGERS (HEX) FOR BIOMASS HEATING/COOLING

Mont Stubline has started producing specialized equipment for biomass heat transfer in 2012.

According to EU Regulation on animal by-products, EC 1069/2009, in plants where organic waste is turned to landfill digestate, raw biomass should be pasteurized before digestion. This process implies heating raw biomass to min 70 C, for 1h, in order to avoid contamination of land with pathogenic bacteria. After this phase, in most anaerobic digestion (AD) plants, cooling is required to app. 40C, which is the optimum AD process temperature. Heat exchangers are introduced to this process to make it as smooth and efficient as possible.

While most of the classical heat exchangers are inefficient and pose operational and maintenance challenges, specialized heat exchangers with constant and robust flow section were developed to boost efficiency and minimize operational risks and related cost.

Currently, 2 models of helicoid heat exchangers (HEX) are produced in our facilities:

-fully welded jacket, used for appliances where solid content TS<16%

-open-close heat exchangers, used for solid content up to TS<20%

Each model is available in different steel grades (P265GH, AISI304L, AISI316L).

Our HEX units have been installed and are running in large-scale biogas plants in Denmark, UK, Ireland, France, Germany, Sweden.



Pasteurization unit - Bad Kostritz, Germany



AISI316 HEX battery



HEX batteries in production, Videbaek biogas, DK



Site installation of HEX batteries

By specializing in design and manufacturing equipment for biogas industry and investing in related R&D activities, our aim is to bring recognizable solutions to the market

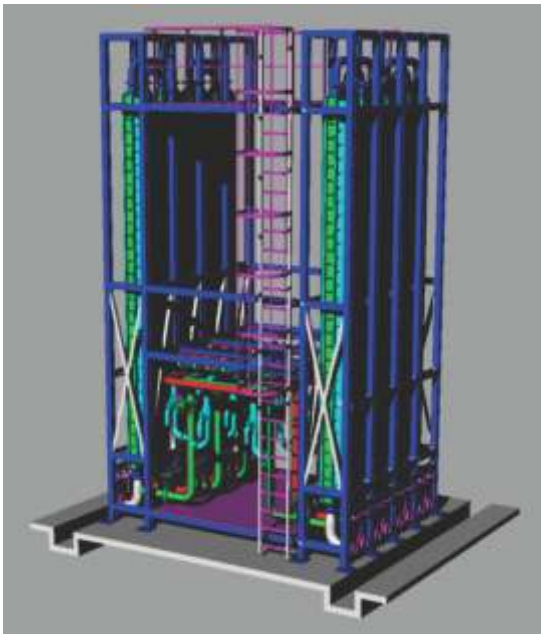
They are done in different steel grades and assembled into vertical and horizontal batteries, designed to meet customer process demand and site configuration. Fabrication is done in accordance to relevant EN standards (EN 1090, EN 13445, PED 97/23, EN 3834) and good engineering practice.

HEX performance is being optimized/monitored by using:

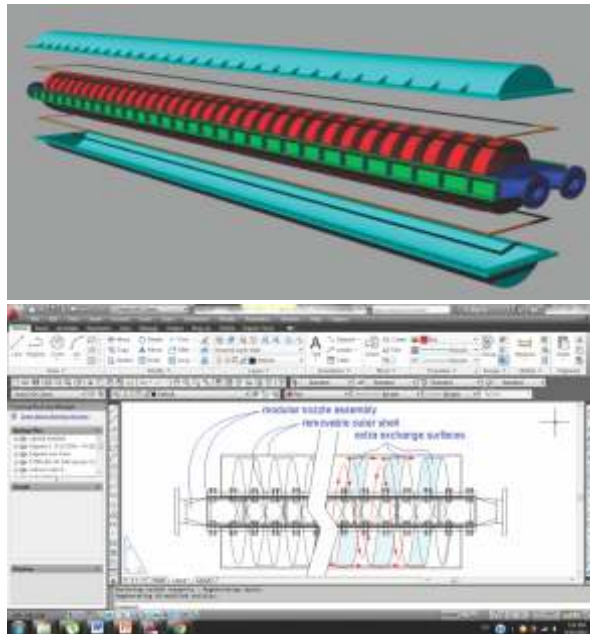
- data stream from running plants (real life testing).
- performance tracking from 1:1 test rig located in Mont Stubline factory

„With 25 years of experience in design, production and installation of various heating equipment and 7 years as a supplier to leading companies in biogas industry, we saw an opportunity to bring something better to this specific market.

“ We teamed up with our Danish partner DenHeat ApS who specializes in the field and Belgrade University to innovate and optimize the product. In 2017. we were awarded a Grant from the World Bank Innovation Fund to build 1:1 test facility for heat transfer optimization and development of specialized sizing software. We also provide our clients with opportunity to test-run their biomass batches and obtain temperature-dependant rheological properties, pressure loss and heat transfer properties. **By specializing in design and manufacturing equipment for biogas industry and investing in related R&D activities, our aim is to bring recognizable solutions to the market.**“ - said Radovan Karic, Mont Stubline owner and HEX Project leader.



Pic5. HEX battery layout modelling



Pic6. Exploded view&cross section of open-close HEX

When it comes to renewable process energy-efficiency and low maintenance is the key for the economy of the plant. Based on market assessment and previous experience with biomass heat exchangers:

●**Energy efficiency.** Design features contributing to this:

- high heat exchanger surface/volume ratio
- low pressure drop results in low energy consumption
- ability to process high solid content, i.e. processing less water

●**High process reliability and low maintenance.** Large-scale plants operate as continuous 24/7/365 systems.

Heat exchange unit is a critical part of the process, so it is very important to have a robust, reliable system with minimum risk of failure.

Flow chamber sized and designed to provide low fouling and sedimentation rates. This proved to be a key advantage of our design.

●**Reliable sizing calculations.** By running 1:1 test rig, we are able to assess different biomass compositions and provide accurate heat transfer equations for various flows and temperature regimes.

●**Competitive price.**

- modular design provides for a highly compact solution (2-3 times smaller than equal capacity competitor solutions), minimum space requirement and civil works
- flexibility in steel grade choice for corrosive fluids
- labor-intensive and highly optimized manufacturing processes

PRESSUREIZED HEAT ACCUMULATION TANKS UP TO V=200m³

Mont Stubline d.o.o. core product are pressure vessels. During last 15 years, over 1000 PED-marked pressure vessels have been produced in our factory. Many of these vessels were made for Cogeneration plants to complement CHP engines. These heat accumulation tanks (HAT) are being manufactured in sizes 10-200m³. Most of them are factory insulated and include ladder&service platform set. By fully prepared HAT for erection, we aim to make site fitting a one-day-job, saving significant cost to the end customer.

The tanks have process nozzles for data (p,t) readout, and are equipped with robust flow diffusers for turbulence minimization. In addition to optimum Height/Diameter ratio and internal baffles (optional), this makes for optimum water stratification and energy efficiency.

Vessels and auxiliary elements (ladders, platforms, other) are designed/manufactured **according to relevant EU standards and manufacturing certificates:**

- PED 2014/68/EU: Pressure equipment directive
- EN 13445: Design, manufacture and testing of pressure vessels
- EN ISO 14122: Design of access platforms, ladders, stairways and walkways
- EN 1090: Design and manufacture of steel construction
- EN 3834-3: Welding fabrication standard
- ISO 9001: Quality management standard
- CE mark: Issued by Notified Body (TUV, SGS) where applicable

PICTURES AND REFERENCE DELIVERIES

Some of our more recent deliveries of heat accumulation tanks on cogeneration and biogas plants running CHP engines are given on pictures below. On almost all of these plants, Mont Stubline had a turnkey contract, and was in charge of design, manufacture and site installation of the tanks and auxiliary elements.



HA 200-4Velebit III Cogeneration plant, NIS GAZPROM, Serbia, YOM: 2018.



HA 50-6 Imlek, Serbia, YOM 2014



HA 110-4 Natyrgas Videbaek Biogas, Denmark YOM: 2018.



HA 2x110-6 University of East Anglia, Norwich, UK, YOM 2016



HA 80-6 Willen Biogas, Xergi, UK, YOM 2016

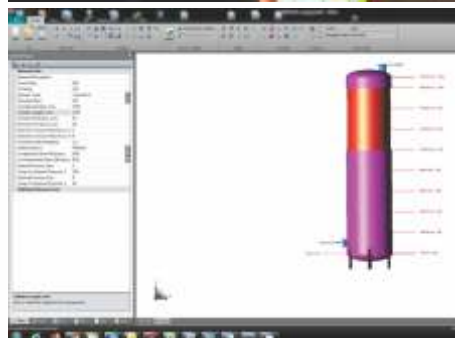


HA 100-6 Staples Vegetables Wrangle, UK, YOM 2016



HA 60-6 Retford, UK YOM 2015

Various sizes delivered to Xergi A/S Biogas plant contractor



Code design by specialised software

VARIOUS PROCESS TANKS AND REACTORS IN STAINLESS STEEL

One of our factory production halls is dedicated to stainless steel manufacture. Majority of stainless steel production is process equipment like:

- double-wall biomass pasteurization tanks
- various process reactors (mixers, heaters, autoclaves etc.)
- holding tanks for breweries, food processing industry
- cosmetic pulp processing machines

All of these are produced according to relevant EN standards and exported mainly to EU countries. Some of more notable recent deliveries are given in pictures below:



Shaving paste production reactors (Micra GmbH, Germany)



Sugar pulp heaters/mixers (Brittish sugar, United Kingdom)



Glycerine tanks V=150 m3 - before insulation and insulated



Pasteurization/mixing tanks on various biogas plants (Germany, USA)



High-pressure reactors for military industry

Weld detail on stainless steel



Brewing yeast tanks (Carlsberg Serbia)

PRESSURE VESSELS ACCORDING TO PED 2014/68/EU

Since early 2000's, main product of Mont Stubline have been pressure vessels of sizes 10L-200000L. Our vessels were designed and manufactured for various purposes and in several steel grades (P235GH, P295NL, P355GH, EN1.4307, EN1.4571 EN1.4404 etc.)

Most frequent application of our vessels are:

- compressed gas tanks
- autoclaves for various applications
- anti-surge membrane vessels
- expansion tanks with membranes
- heat accumulation tanks
- jacketed vessels
- LPG/LNG storage tanks
- oil&gas treatment columns

Vessels are designed, manufactured and tested in accordance to relevant pressure vessel regulations. Vessels belonging to PED categories I, II, III, and IV are CE marked by 3rd party Notified Body.



Pic1. Various vessels (2x15m³ comp.air units, heating autoclave, LPG container tank) waiting for dispatch



Pic2. Anti-surge membrane vessels of various sizes and nominal pressures up to 80bar



Pic3. Heating tanks up to 6bar and 200m³

Design of pressure vessels is done in specialized software, according to governing codes and regulations. Manufacturing processes, test scope and procedures are in full accordance to governing PED regulations.

GENERAL STEELWORK

During early years of company's existence, general welded steel constructions and piping systems (carbon and stainless steel) were our main focus. As the company developed more emphasis were given to process equipment and tanks, but to this day we are producing general steel items such as:

- welded section constructions (industrial halls, pipe bridges, O&M platforms, stairways etc.)
- Prefabrication and fitting of industrial piping systems (pump stations, process halls)
- Inspection hatches for concrete tanks, lids etc.
- Steel hull shipbuilding
- Various tailor-made items according to Client's request

All of these are produced according to relevant EN standards, EN 1090, EN 3834, and CE marked where applicable.

Examples of these type of works are given in pictures below:



Various hot-dip galvanized steel constructions in acc. to EN1090



Stainless steel inspection/mixer service hatches for concrete and tarpaulin covered tanks



Complete piping packages in carbon and stainless steel (various industrial plants)

REFERENCE LIST

A short selection of our projects over the past decade

1	Nature Energy, Denmark	2021	Nature Energy Kvaers	Heat exchanger B/B battery 2x2 – 4 pcs. Heat exchanger B/B battery 2x3 – 2 pcs. Heat exchanger AISI 316L battery 2x3 pcs. Heat exchanger B/B battery 2x2 – 2 pcs. Heat exchanger BW/B battery 4x2 – 4 pcs. Glycerine storage tank V=150 m ³ – 1 pc.
2	Nature Energy, Denmark	2021	Nature Energy Kong	Installation and production of steam generators V=22 m ³ – 2 pcs. and steam pipeline
3	MT Komex, Belgrade	2021	JUB Boje, Serbia	Installation of vacuum pipeline AISI 304L and production of vacuum vessels V=10 m ³ – 2 pcs. and V=3 m ³ – 2 pcs. Compressed air tanks V=16 m ³ – 4 pcs.
4	Piming	2021	Toyo Tires	Pipeline installation and production of water mist tanks AISI 316L
5	SBT	2021	Gastrans	Heat exchanger B/B battery 6x4 pcs. Heat exchanger B/B battery 2x2 pcs. Heat exchanger B/B battery 2x2 pcs.
6	Nature Energy, Denmark	2020	Nature Energy Mansson Nature Energy Midtlyn Nature Energy Sdr. Vium	AFFF foam concentrate storage tank V=35 m ³ AISI 304L – pcs. 2
7	SBT, Belgrade	2020	Djerdap power plant, Serbia	Heat exchanger B/W battery 2x1 pcs. with installation
8	Goodvalley Agro, Poland	2020	Goodvalley Agro, Poland	Heat exchanger B/B battery 2x8 pcs. Heat exchanger B/W battery 2x8 pcs. Heat exchanger AISI 316L battery 2x8 pcs. Heat accumulation tank V=50 m ³ P265GH Glycerine storage tank V=150 m ³ – 2 pcs. Installation of all delivered components
9	Nature Energy, Denmark	2019-2020	Nature Energy Glansager Nature Energy Nordfyn Nature Energy Mansson Nature Energy Nordfyn	Heat accumulation tank V=55 m ³ P265GH Heat accumulation tank V=50 m ³ P265GH Heat accumulation tank V=55 m ³ P265GH Heat exchanger battery for biomass – 3 linesx16 pcs
10	Nature Energy, Denmark	2020	Nature Energy Nordfyn	Filter housing Diostar H, BIO SD 12K, 12S, 12D, 16D CE marked
11	Greenlab Skive Biogas	2019	Greenlab Skive Biogas	Heat exchanger B/B battery 2x4 pcs. Heat exchanger AISI 316L battery 2x4 pcs. 48 Heat exchanger modules for biomass Heat accumulation tank for CHP, 110m ³
12	Filtrox AG	2019-2021	Various	Heat exchanger B/B battery 2x4 pcs. Heat exchanger AISI 316L battery 2x4 pcs.
13	Nature Energy, Denmark	2021	Nature Energy Holsted	48 Heat exchanger modules for biomass Heat accumulation tank for CHP, 110m ³
14	Xergi A/S, Denmark	2018	Nature Energy Videbaek Velebit III cogeneration plant	Heat accumulation tank for CHP, 200m ³
15	Gazprom NIS	2018	Carboard company Umka, Serbia	Production and installation of new V=50 m ³ feed tank
16	Carboard company Umka, Serbia	2018	Carboard company Umka, Serbia	Membrane surge vessels V=500 L, V=700 L, V=2 m ³ , V=4 m ³ pressure vessel category IV, module G
17	Termo-Simax, Belgrade	2018	Various	Homogenizer DA-750 IL 001 AISI 316L Compressed air tanks V=1 m ³ , V=2 m ³ , V=4 m ³ , V=5 m ³ , V=6 m ³ , V=8 m ³ V=10 m ³ , V=15 m ³ , V= 20 m ³ pressure vessel category IV, module G
18	Micra GmbH, Germany	2017	Micra GmbH, Germany	Technological sewage tanks V=20 m ³ , V=10 m ³ , V=5 m ³ S235JR
19	Piming Belgrade, Serbia	2012-2021	Various	Repair of stainless steel denking tank Foam tank V=15 m ³ AISI 316 L
20	NIS Gazprom, Serbia	2012-2021	NIS Gazprom, Serbia	Biomass/water heat exchangers
21	Carboard company Umka, Serbia	2017	Carboard company Umka, Serbia	Various tanks AISI 316L V=1,75 m ³ 2 pcs., V=0,85 m ³ 1 pcs. V=6 m ³ 2 pcs., V=2,5 m ³
22	BGA Biogas, Germany	2017	BGA Biogas, Germany	Heat accumulation tank V=45 m ³ P265GH Heat exchangers, inspection shafts AISI 304L, service platforms and ladders Heat accumulation tank V=55 m ³ P265GH
23	Pruce Newman Ltd, UK	2017	Brittish sugar, UK	Heat accumulation tank V=45 m ³ P265GH Heat exchangers, inspection shafts AISI 304L, service platforms and ladders Heat accumulation tank V=55 m ³ P265GH
24	Xergi Ltd, UK	2017	Biogas Ltd, Bonby, UK	Highway portal 15 m, HDG, mounted
25	Xergi Ltd, UK	2017	Ballymena Biogas plant, Northern Ireland	Yeast storage tank V=40,45 m ³ AISI 304L Storage tank for lubricating oil V=24 m ³ in AISI 316L, insulated in mineral wool and AISI 316L, in carbon steel frame
26	Siemens, Belgrade	2016	Highway corridor 11	Heat accumulation tank V=100 m ³ P265GH CE marked
27	Carlsberg, Čelarevo, Serbia	2016	Carlsberg, Čelarevo, Serbia	Various duplicator reactor with mixers AISI 316L • Double auger heat exchanger module, 316L, Battery size 2 x 5 x 7 m, 20+ Complete gas production plant piping installation, 304L, 316L, P235GH, DN 50 – DN 350+ Complete jet mixing station for primary digesters (2 pcs. 500m ³) incl. 2 x MAF DN 500 agitation pumps, complete pump station, DN 100 - DN 500 mixing systems inside • Various supports, steel bridges, high pipe racks, equipment stands etc., 10 platforms, climbing ladders
28	Copenhagen Engineering, Denmark	2016	Copenhagen Engineering, Denmark	Heating tank, P265GH, V=15 m ³ P265GH (category IV, module G)
29	Xergi Ltd, UK	2016	Beeswax Farming Biogas Plant, UK	Denimeralized water tank V=15 m ³ AISI 304L
30	Unis Ginx, BiH	2016-2020	Unis Ginx, BiH	Heating tank, P265GH, V=55 m ³ , 2 pcs. AISI 304 digester gastight inspection platforms, HDG climbing ladders, service platforms, heat exchanger modules, various steelwork elements
31	Xergi A/S, Denmark	2015	Scandinavian Biogas AB, Stockholm	Pressure vessel FA 2703 V=8 m ³ P265GH (category IV, module G)
32	Pruce Newman Ltd, UK	2015	University of East Anglia, Norwich, UK	Heating tank, P265GH, V=15 m ³ AISI 304L
33	Xergi Ltd, UK	2015	Willen Biogas, UK	Heating tank, P265GH, V=55 m ³ , 2 pcs. AISI 304 digester gastight inspection platforms, HDG climbing ladders, service platforms, heat exchanger modules, various steelwork elements
34	Xergi Ltd, UK	2014	Tamar Energy, Retford, UK	Heating tank, P265GH, V=20 m ³ , 2 pcs. AISI 304 digester gastight inspection platforms, HDG climbing ladders, service platforms, heat exchanger modules, various steelwork elements
35	NIS Gazprom, Serbia	2014	NIS Gazprom, Serbia	Heating tank, P265GH, V=55 m ³ , 2 pcs. AISI 304 digester gastight inspection platforms, HDG climbing ladders, service platforms, heat exchanger modules, various steelwork elements
36	Siemens, Belgrade	2013	Various plants Denmark: Vegger, Midtlyn, Nordfyn.	Heating tank, P265GH, V=20 m ³ , 2 pcs. AISI 304 digester gastight inspection platforms, HDG climbing ladders, service platforms, hydraulic tank lids, various steelworks for biogas plant
37	Xergi A/S, Denmark	2013	Various plants Denmark: Vegger, Midtlyn, Nordfyn.	Heating tank, P265GH, V=55 m ³ , 3 pcs. AISI 304 digester gastight inspection platforms, HDG climbing ladders and service platforms
38	Xergi Ltd, UK	2013	Bernard Matthews, Holton, UK	Heating tank, P265GH, V=55 m ³ , 3 pcs. AISI 304 digester gastight inspection platforms, HDG climbing ladders and service platforms
39	Xergi Ltd, UK	2013	STAPLES vegetables, Sibley, UK	Heating tank, P265GH, V=55 m ³ , 3 pcs. AISI 304 digester gastight inspection platforms, HDG climbing ladders and service platforms
40	Xergi SAS, France	2012	TIPER Methanisation, Thouars, France	Heating tank, P265GH, V=16 m ³
41	Bigadan A/S, Denmark	2010-2012	Various biogas plants, Denmark	Tank for fuel additives V=50 m ³ AISI 304L Oil additive 5 chamber tank in AISI 304L, V=50 m ³
42	BNV Komerc Invest, Belgrade	2012	Belgrade	Complete hospital water heating station, incl. Production of boilers, water treatment unit, capacity 8000 kg/h
43	Termo-Tim, Beograd	2011	Naftechem oil mass storage plant	Delivery and installation of complete sludge hygienization plant 3 x 30 m ³ , AISI 316 L, insulated, with service platform
44	EPS SERBIA Coal Power plant "Morava"	2011	Coal Power plant "Morava"	3 x 30 m ³ Pasteurization tank battery with equipment and insulation, in AISI 316L, hydraulic lids, various support construction in AISI 304
45	Public health institute, Belgrade	2011	Public health institute, Belgrade	DN 200 pipeline L=11 km, Installation and anticorrosive protection
46	Danpower GmbH, Germany	2011	Bad Kostritz biogas Anlage, Germany	Complete installation of 4 km ash water dispersion pipeline DN 500, concrete works, supports and pipeline equipment
47	"Bigadan A/S", Denmark	2010	Biogas plant, Wyoming USA	Oil storage tank, St 1.0037, V=60 m ³ Double shell oil storage tanks, V=50-120 m ³
48	Power plant "TE-KO", Kostolac	2010	Power plant "TE-KO", Kostolac	Heavy fuel oil heating tanks, 50 m ³ Vertical expansion vessels for cogeneration plant V = 2 x 50 m ³
49	EPS SERBIA Coal Power plant "Nikola Tesla B"	2009	EPS SERBIA Coal Power plant "Nikola Tesla B"	15 km magistral pipeline for ash dust disposal and irrigation - DN 200 DN, 150 and DN 100
50	Imlek AD, Padinska Skela	2009	Imlek AD, Padinska Skela	District heating water supply system, incl. 2 pc. expansion vessel in P265GH, V=60 m ³
51	Inflex, Beograd	2005-2012	Various petrol/LPG stations, Serbia	Expansion vessel in S235JR, V=100 m ³ Autoclave AISI 316, V=10 m ³ , 6612-P, mixing and heat treatment reactor AISI 304, V=30 m ³ , 2 pcs
52	Euroterm, Belgrade	2005-2010	Various, Serbia	
53	ESCO, Belgrade	2008	Imlek AD, Padinska Skela	
54	EPS SERBIA Coal Power plant "Nikola Tesla B"	2008	Coal Power plant "Nikola Tesla B"	
55	Vladex, Belgrade	2007-2008	Belgrade municipal heating plant – Miljakovac Banovo Brdo	
56	Nesting, Belgrade	2007	FM Pharm, Belgrade Jugohem, Leskovac	

certificates

CERTIFICATE

TÜV Thüringen e.V.
Industrie Service

certifies in accordance with TÜV Thüringen procedure that



MONT STUBLINE d.o.o.

Valjevski put 504
SRB - 11507 Stubline

fulfils the requirements DIN EN ISO 3834-3 as well as the requirements for production of pressure equipment according to PED 2014/68/EU, Annex I, pt. 3.1

in the specified scope to the annex of certificate

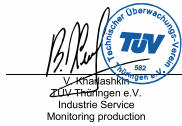
report no.: **SB02/47352/21**

certificate no.: **0090 153 0638**

certificate expires: **2022-05-30**



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Erfurt, 2021-07-13
rev.01



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rev.8

CERTIFICATE



for the management system
according to ISO 9001:2015

The proof of the conforming application with the regulation was furnished and in accordance with certification procedure it is certified for the company



MONT STUBLINE DOO STUBLINE
Valjevski put br. 504
SRB - 11507 Stubline

Scope

Design, production and installation of process and thermoenergetic equipment

Certificate Registration No.: **TIC 15 100 148765**
Audi Report No.: **3330 ZNF3 J0**

Valid until: **2023-02-15**
Valid from: **2020-02-24**

This certification was conducted in accordance with the TIC auditing and certification procedures and is subject to regular surveillance audits.

TÜV Thüringen e.V.
Certification Body for systems and personnel



Jana, 2022-03-24



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Technischer Überwachungsverein Thüringen e.V.
Melchendorfer Straße 64, 99096 Erfurt, Telefon: 03 61 42 83-0, Fax: 03 61 42 83 242
Notified Body Nr. 0090

Certificate of conformity of the Factory Production Control (FPC) 0090-CPR-1090-1.0011.TÜVTH.2016.02

In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 09 March, 2011 (Construction Products Regulation – CPR) this certificate applies for following construction products:

Product:	Structural Steel Components up to EXC 2 acc. to EN 1090-2
Intended use:	For structural use in all types of construction works
CE-marking method:	ZA 3.4 acc. to EN 1090-1:2012, Annex ZA
Production process:	mechanical connections, mounting and corrosion protection
Manufacturer: (Manufacturer or its authorized representative)	MONT STUBLINE d.o.o. Valjevski put 504 SRB - 11507 Stubline
Manufacturing plant(s): (Production site of the manufacturer)	Valjevski put 504 SRB - 11507 Stubline
Confirmation:	This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard EN 1090-1:2012 under system 2+ are applied and the factory production control fulfils all the prescribed requirements set out above
Begin of validity: (Datum der Erstaussstellung)	31.05.2016
Next surveillance date:	30.05.2022
Period of validity:	This certificate will remain valid as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performance of the declared characteristics, do not change, and the product and the manufacturing conditions in the plant are not modified significantly.
Remarks:	To this certificate belong the welding certificate(s): 1090-2.0011.TÜVTH.2016.02 and see back
Place / issue date:	Erfurt / 13.07.2021



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EC_Certificate_DIN_EN_1090_1_10011_TUV_TH_AdV

rev.12/19

Technischer Überwachungsverein Thüringen e.V.
Melchendorfer Straße 64, 99096 Erfurt, Telefon: 03 61 42 83-0, Fax: 03 61 42 83 242

Welding Certificate

1090-2.0011.TÜVTH.2016.02

In compliance with EN 1090-1, Tab. B.1, the following has been stated:

This welding certificate is valid in connection with the EC-Certificate No. 0090-CPR-1090-1.0011.TÜVTH.2016.02 in the field of CPR

Manufacturer: (Manufacturer or its authorized representative)	MONT STUBLINE d.o.o. Valjevski put 504 SRB - 11507 Stubline
Essential manufacturing facility(ies): (Production site of the manufacturer)	Valjevski put 504 SRB - 11507 Stubline
Technical specification:	EN 1090-2:2018
Execution class:	EXC 2
Welding Process(es): (Reference no. Acc to DIN EN ISO 4063)	111 – Shielded Metal Arc Welding (SMAW/E) 135 – Gas Shielded Metal Arc Welding (GMAW/MAG) 136 – Flux Cored Arc Welding (FCAW/FCAW) 141 – Gas Tungsten Arc Welding (GTAW/WIG)
Parent Material(s): (Grade/Standard)	M-Group 1.1, 1.2 acc. to CEN ISO/TR 15608 and DIN EN 1090-2, table 2 and 3; M-Group 6 acc. to CEN ISO/TR 15608 and DIN EN 1090-2, table 4
Responsible Welding Coordinator: (Title, First name, Name, Qualification)	Mr. TOMIĆ Stefan, IWE (IIV)
Deputy: (Title, First name, Name, Qualification)	Mrs. VASILJEVIĆ Ana, aP
Confirmation:	All provisions concerning welding as described in the above mentioned technical specification(s) were applied.
Begin of validity: (First issue date)	31.05.2016
Next surveillance date:	30.05.2022
Period of validity:	This certificate remains valid as long as the conditions of the above mentioned technical specifications in reference or the manufacturing conditions in the factory are not modified significantly.
Remarks:	see back
Place / issue date	Erfurt / 13.07.2021



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Welding_Certificate_DIN_EN_1090_2_10011_TUV_TH_AdV

rev.12/19





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