

Industrial water and environmental technology



The profile of the IWET Company - Industrial water and environmental technology



The IWET Inc. is a purely Czech company, represented exclusively Czech capital. It was founded for the purpose of association experts with decades engaged in the design and implementation of water treatment technologies in more than 15 countries. Furthermore, it followed up a very long tradition of Czech industrial companies that are known in most countries of the world.

We focus on the development, manufacture and installation of technologies for purification and treatment of drinking and process water. In the design and delivery of technology we use mostly our products developed and manufactured in its factory. All products by IWET Inc. have the technical and safety certificates.

IWET Inc. has been a recognized expert on the market for several years, mainly for its individual approach in solving technological processes and optimal and efficient design of technology. With its engineers and specialists the company guarantees a professional approach to solving problems.

In 2004 year a subsidiary of IWET was established in Spain, which successfully sells our unique worldwide patented product SEPA, which is designed to adjust the hot water, circulating cooling water, the removal of microbiological contamination, particularly Legionella, water for irrigation, refining biologically treated waste water treatment of swimming pool water.

On the Czech market our clients include cities, municipalities and industrial companies. For these customers, we design and supply them with drinking water treatment and process water to meet the most stringent European standards for the quality of drinking water or individual water quality requirements in different industries. As a source for the production of water we use both groundwater and surface water.

We are experts in compact and drinking water, which are installed on the shipping carrier frames or containers according to ISO standard. This plant can be easily transported in a very short time and put into operation.

We focus on manufacturing: RWT modular treatment of drinking water from surface sources

Technological components and their applications

The company offers a wide range of components for assembly of process equipment for water treatment according to individual customer requirements.

- Components
 - Pressure filters packed unicameral
- Pressure filters packed double chamber
 - flocculation chamber
 - Dynamic mixer
 - static mixer
- reaction chamber
 - hydro
- mesh filters
- electrolyzers
- Cartridge filters
- Disinfection
 - reverse osmosis
- electrochlorinators
- ion exchange filters
- mixing and dilution tanks of chemicals
- disc filters
- Automatic self-cleaning mesh filters
- pumping equipment
 - Pump
 - fittings and pipes
 - the flocculant
- stripping column
- chemicals and operating materials

Company Profile

IWET - Industrial water and environmental technology

The OJSC IWET Company is purely Czech Company represented exclusively by Czech capital. It was founded in 1999 to associate experts with decades engaged in the design and implementation technology of water treatment in more than 15 countries. Further built on a long tradition of Czech industrial enterprises, which are known in most countries of the world.

We focus on **developing, manufacturing and installation** of technologies for clean and potable and process water. In the design and delivery of technology use mainly their own products developed and manufactured in its factory. All products of OJSC IWET have valid certificates.

IWET SpA has been a recognized expert on the market for several years, mainly

for its individual approach in solving technological processes and optimal and efficient design of technology. With its engineers and experts it guarantees a professional approach to solving problems.

On the Czech market our clients, **municipalities and industrial companies**.

Most, however, focus on export and installation of our equipment abroad where there is a lack of **safe drinking water**. Our facilities are located Spain, Morocco, Mongolia, Kazakhstan, Russia - Siberia, Indonesia, Mexico, etc. For these customers, we design and deliver wastewater and drinking water



treatment and process water to meet the most stringent European standards for quality of drinking water or individual water quality requirements in different industries. As a source for the production of water we use both groundwater and surface water.

We specialize in compact and drinking water, which are installed in containers according to ISO standard. This treatment can be easily transported in a very short time and put into operation.

The whole technological process of the adjustment is controlled by industrial computer and work with minimal maintenance.

We focus on manufacturing: RWT modular treatment of drinking water from surface sources



Since 2004, the company began to intensively develop mobile water treatment plants of various modifications and systems, from simple manually operated to full automatic and most useful treatment **RWT**, which are constantly upgraded to the latest standards in the professional world and yet are able to work in very difficult conditions in different parts of the world .. the most proven model RWT 10 which is very compact - 20 "shipping container, has a very low consumption of electricity and chemistry and very high efficiency and power produced 10,000 liters of water/h is founded as a subsidiary of **IWET**.

IWET CONCEPT **RWT 10** *full automatic*

WHY RWT IWET CONCEPT ?

After experience as IWET in the world with the production of drinking water, the treatment also produced IWET reverse osmosis, we decided to develop further mobile water that does not contain components RO.

The equipment is designed not to carry away vitally important minerals. RO operating system membrane, which allows only clean water molecule but not eliminate minerals and these minerals must be followed to supplement the water which is both costly and logistically very difficult to control. A large number of cases, the mineral content in water from the RO and nobody cares because the **water from the RO is not defective, but ! not potable unless further modified !** Very often we met in the world, especially where there is a larger number of poor people depend on water from the RO with people



who have health problems currently arising from the consumption of water from the RO minerals. People without consuming demineralized water are exposed to health risks that reduce the viability of up to 30% ! ! (which is the results of the research and report of the Institute of health and hygiene institute Czech Republic, which is the European standard for drinking water)

State Institution of Healty, Šrobárova 48, Praha 10 , 100 42

HEALTH RISKS

Drinking demineralized water produced in the framework of the research project " Health risks of the environment" , the bearer of the National Health status - Center for Environmental Health

Objective 3: New contaminants of drinking water and water for recreation

Sub- task: Methodological approaches of the occurrence of contaminants - risk assessment, corrective and preventive actions (MD solver. František fur, PhD.)

Investigators': EAA - CHŽP, National Reference Centre for drinking water, Head, MD. F.Kožíšek, PhD.

Director at state (EAA): Doc. MD. Jaroslav Kriz

Head of Centre (CHŽP) MD. Ruzena Kubínová

National health accounts status , Prague

IWET CONCEPT RWT 10/30 fullautomatic

It has a completely different system for the production of drinking water on the basis of a consistent gradual filtering and separation of undesirable substances in water natural form sophisticated combinations



IWET developed equipment , filtration filter abrasive material (sand filters) the absorption of a carbon-containing filter material and post-treatment. RWT SYSTEM 10/30 leaves WATER vital minerals ! ! !

IWET CONCEPT

Analysis

RWT 10 *full automatic*

Modular Water Treatment Plants “IWET Concept RWT” Have the following advantages:

- Simple but very effective and efficient, advanced technology
- Treated water quality corresponds with World Health Organization (WHO)
- requirements
- Low investment and operating costs
- All necessary chemicals are available in the market
- Long life package units with easy maintenance and transport
- Easy start-up and operation due to pre-programmed Pneumatics Logic
- Control (PLC) – for RWT model
- After Sales Service
- No special skilled operators required
- Drinking water quality will be available only in a few minutes
- Available in varies range of product from capacity 1 m³/hours up to 200m³/hour

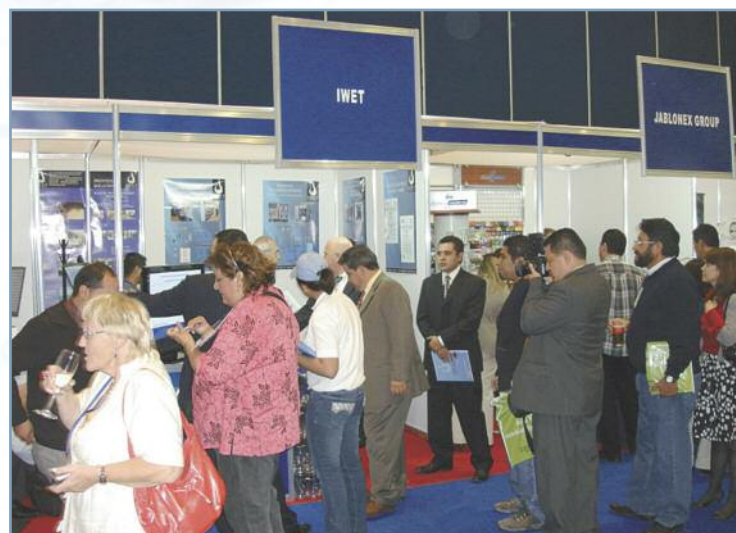




References IWET



Ing. Chandra Nabhash Singh, Petr Horák, IWET company.
During the presentation RWT10.



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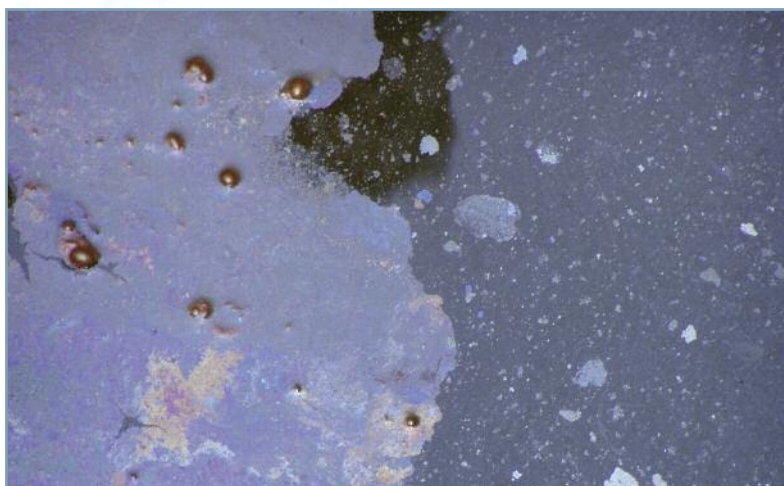
Petr Horák, Chairman IWET
Presentation RWT10.

IWET CONCEPT

RWT 10 *full automatic*

Which sources of water that we will used?

- Choose raw water (Well or River)
- Chemical analyses of raw water
- Quality, quantity and stability of raw water supply
- Search for own source of water





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Which water want to produce?

- Drinking Water (WHO or PAM standard?)
- Sanitary Water
 - Agriculture (irrigation, animal farming)
 - Fishery (ice making, washing, and the like)
 - Households (swimming pools)
- Industrial Production
 - textile industry (example: bleaching)
 - power engineering
 - mining limits
 - military mission, etc.



Work sequences in selecting best technologies

- Stationary or Mobile Water Treatment Plant that we need?
- How much water that we need?
- Which sources of water that we will used?
- Which water want to produce? Drinking water?
- SELECTION OF TECHNOLOGY

How much water that we need?

- Survey demand
- Survey capacity of water that we need



IWET CONCEPT **RWT 10** *full automatic*

Water:

- Search for, optimisation and protection of water resources
- Design and delivery of water-treatment technologies

Stationary Water Treatment Plant



Technological devices and their applications

IWET CONCEPT ***RWT 10*** **full automatic**

RWT 10 is a mobile container and drinking water.

It is a technology developed by IWET as Czech republic, which is compactly mounted up to 20' (6 m) shipping container which ensures hassle free truck and ship transport and security technologies against damage from outside.

RWT 10 treatment plant is fully automatic and is controlled by computer technology AMIT, which is equipped with special software for managing all processes from the treatment of raw water input to output clean drinking water. The facility is produced in the factory IWET in the Czech Republic.

RWT 10 mobile water treatment plant is designed for clean water from rivers, streams, wells and lakes with fresh water.





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Project RWT 10 was first introduced and installed in 2007 in Indonesia where the treated water from wells with high turbidity and microbiological contamination, which resulted in a very common disease digestive tract.

Then RWT technology has undergone further development since 2013, the company adds a new model **RWT 10 fullautomatic**. This treatment plant is supplied in stainless steel and is fitted with a complete innovative technology developed IWET development center IWET a terminal in the form of intense UV treatment of water or ozone generator, brand new more powerful control software, computer systems AMIT with LED color screen and remote communication management, correction over the Internet when the service center can remotely communicate with the converter and thus help guide treatment, track and store data, etc.



The control system is also equipped with a blocking module that is able to stop and restart the equipment, only after entering a 12 digit code. RWT fullautomatic is designed for performance from 5000 l/h to 15,000 l/h, which is controlled by a frequency converter with maximum power 9 kW/h of electricity.





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IWET CONCEPT

RWT 10 *full automatic*



Components

- Basically, components of RWT.

Additional Treatment in RWT:

- Automatic Self Cleaning Sieve Filter

Here all undissolved substances larger than 100 microns are eliminated.



Turbo Mixer

is used for effective mixing and homogenization of dosed flocculants with crude water.

Flocculations Chamber

is used for optimum drain of cores created during coagulation and their further clumping and condensation.

The three-step flocculation chamber has original design with slow-running mixer for decantation by means of polymerized surface active flocculants.

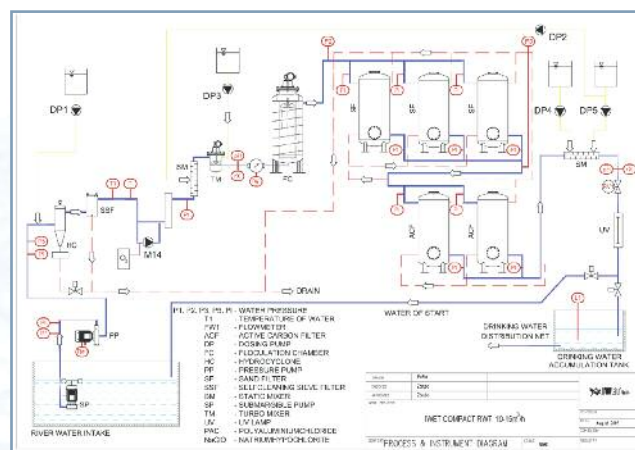


IWET CONCEPT

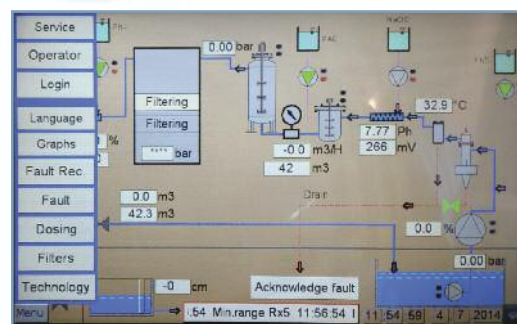
RWT 10 fullautomatic



*Diagram
Process
of RWT 10*



*Display
RWT 10
fullautomatic*



Series of RWT

Type	Output Capacity Q – m ³ /H	Dimensions L x W x H (m)	Electric Power consumption	Weight
RWT 5	5	1 ks ISO container 6 m x 2,4 m x 2,4 m	7 kW	8 600 kg
RWT 10	10	1 ks ISO kontejner 6 m x 2,4 m x 2,4 m	9 kW	8 700 kg
RWT 15	15	1 ks ISO kontejner 6 m x 2,4 m x 2,4 m	12 kW	8 800 kg
RWT 30	30	2 ks ISO kontejner 6 m x 2,4 m x 2,4 m	16 kW	17 600 kg
RWT 50*	50	3 ks ISO kontejner 6 m x 2,4 m x 2,4 m	19 kW	26 400 kg
RWT 60*	60	3-4 ks ISO kontejner 6 m x 2,4 m x 2,4 m	20 kW	35 200 kg
RWT 100*	100	3 ks ISO kontejner 12 m x 2,4 m x 2,4 m	36 kW	37 600 kg

IWET CONCEPT

RWT 10 full automatic

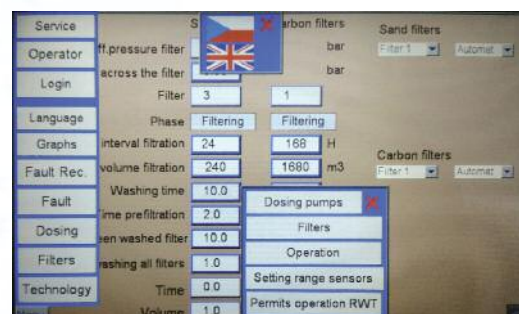
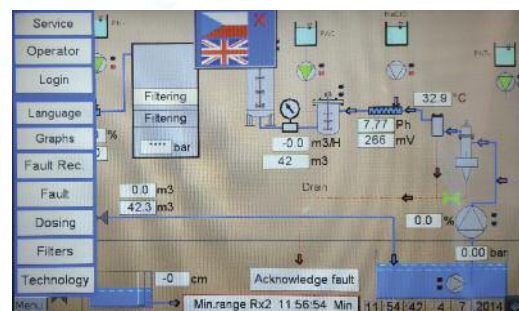
RWT - River Water Treatment - modular treatment plants for drinking water from surface resources

River Water Input Values

Turbidity	Hardness	Na	Cl-	SO4	TDS	TSS	Fe	COD	Mn	Oil
NTU	ppmCaCO ₃	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
5000	500	200	250	400	1000	10000	10	20	2	0,5

Treated Water Output Values:

Turbidity	Colour	pH	Oil	Fe	Mn	Al	TSS
NTU	PtCo		ppm	ppm	ppm	ppm	ppm
5	15	6,5-8,5	0,01	0,3	0,1	0,2	0,5





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IWET CONCEPT

Analysis

RWT 10 full automatic

RESULTADOS DE MUESTREO

SABOR: DESAGRADABLE OLOR : SULFIDRICO
TURBIDIDAD: 47.0 (MAX 5 UTN) TEMPERATURA: 14.8°C
CLORO RESID. 0.2- 1.5 PPM CONDUCTIVIDAD: 434.0

DETERMINACIÓN	RESULTADO	LIMITE PERMISIBLE
SOLIDOS DISUELTOS TOTALES	217.00	1000.00
FERRO (Fe)	0.66	0.30
MANGANESO (Mn)	0.1	0.15
NITROGENO AMONICAL	2.528	0.50
NITRITOS EN N	0.006	0.50
NITRATOS EN N	10.12	10.00
SULFATOS (SO4)	2500.0	400.00
CLORUROS (Cl)	70.0	250.00
FLUORUROS (F)	1.32	1.50
DUREZA TOTAL (CaCO3)	1950.00	500.00
SAAM	0.156	0.50
ALUMINIO (Al)	0.0	0.20
BARIO (Ba)	1.0	0.70
SULFUROS	0.209	0.05

OBSERVACIONES

Resultados expresados en mg/l, excepto cuando se indique

ESTE INFORME DE PRUEBA AVALA ÚNICAMENTE LA MUESTRA RECIBIDA Y ANALIZADA EN ESTE LABORATORIO



Muestra: Agua de Pozo Profundo
Lugar de Muestreo: Paraje Kanandé
Muestra de 1 hora de bombeo
Fecha de Reporte: 01 DE JULIO DE 2009

MUESTRA	PARAMETROS	RESULTADO	UNIDADES	VALOR MAX.
Agua de Pozo Profundo	Color	20	U Pt-Co	20
	Aspecto	Turbio		Característico
	Temperatura de Recepción	22	°C	
	pH	7.4		6.5 - 8.5
	Cloro Residual	0.1	mg/l	0.2 - 1.5
	Dureza (CaCO3)	2149	mg/l	500
	Dureza Temporal	1495	mg/l	
	Dureza Permanente	654	mg/l	
	Alcalinidad Total	179	mg/l	300
	Fenolftaleína	0.0	mg/l	
Villa de Chilapa de Díaz	Naranja de Metilo	179	mg/l	
	Cloruros	135	mg/l	250
	Fierro	80.1	NTU	5
	Cianuros	0.22	mg/l	0.30
	Fluoruros	1.01	mg/l	0.07
	SAAM	0.0	mg/l	1.5
	Sólidos Disueltos Totales	33	mg/l	0.5
	Nitratos	0.18	mg/l	1000
	Nitritos	0.18	mg/l	10
	Sulfatos	1502	mg/l	0.05

NOM-127-SSA1-1994 Para Uso y Consumo Humano

Comentarios: Es una agua muy dura, con turbidez alta, medianamente alcalina, sus parámetros rebasan la norma

ATENCIÓN

MUESTRA	PARAMETROS	RESULTADO	UNIDADES	VALOR MAX.
Agua de Pozo Profundo	Color	15	U Pt-Co	20
	Aspecto	Crystallino		Característico
	Temperatura de Recepción	25	°C	
	pH	7.9		6.5 - 8.5
	Cloro Residual	0.0	mg/l	0.2 - 1.5
	Dureza (CaCO3)	948	mg/l	500
	Dureza Temporal	265	mg/l	
	Dureza Permanente	253	mg/l	
	Alcalinidad Total	194.0	mg/l	300
	Fenolftaleína	0.0	mg/l	
Villa de Chilapa de Díaz	Naranja de Metilo	194	mg/l	
	Cloruros	28	mg/l	250
	Turbidez	0.22	NTU	5
	Fierro	0.26	mg/l	0.30
	Cianuros	0.006	mg/l	0.07
	Fluoruros	1.50	mg/l	1.5
	SAAM	0.0	mg/l	0.5
	Sólidos Disueltos Totales	80	mg/l	1000
	Nitratos	2.5	mg/l	10
	Nitritos	0.06	mg/l	0.05
	Sulfatos	800	mg/l	400

NOM-127-SSA1-1994 Para Uso y Consumo Humano

Comentarios: Es una agua muy dura, con turbidez alta, medianamente alcalina, sus parámetros rebasan la norma

ATENCIÓN

MUESTRA	ANÁLISIS	RESULTADO	UNIDADES	VALOR MAX. NORMA
Agua de Pozo Profundo	Coliformes Fecales	< 1	NMP/100 ml	< 1 (ceros)
	Coliformes Totales	11	NMP/100 ml	2
Villa de Chilapa de Díaz	Coliformes en Placa	45	UFC/ml	2
	Mesofílicos Aerobios	> 500	UFC/ml	100

NORMA: NOM-112-SSA1-1994 Y NOM-127-SSA1-1994 Para Uso y Consumo Humano

IWET CONCEPT

RWT 10 *full automatic*

RWT - River Water Treatment - modular treatment plants for drinking water from surface resources

- All the abovementioned technologies are also delivered in mobile (container) modifications (Emergency Service).
- Modular Surface Drinking Water Treatment
- Designed for treatment of water from rivers, ponds, brooks and lakes
- To eliminate the following contamination:
 - Iron
 - Manganese
 - organic and ammonium compounds
 - Undissolved compounds
 - Turbidity
 - Colour and odour
 - And provides sanitary water control

Application Range: Ideal for big community, small city and also catastrophic situation.



RWT 10 - River Water Treatment

Length : 6,000 mm

Width : 2,400 mm

Height : 2,400 mm Or equal with container 20'

Rated Output : 10 m³/ hour

Energy Consumption : 400 V, 50/60 Hz, 7 kW

Chemical Consumption :

To reduce pH: H₂SO₄ 96% conc. or HCL 31% conc.
Max. 15g/m³

To increase pH: Na₂CO₃ 100% conc. or K₂CO₃ 100%
conc. Max. 20g/m³

For chlorination: NaClO 15% act.

For flocculation: PAC – poly-aluminium-chloride 9% Al
Max. 10g/m³

Filter :

There are 2 (two) filters in this equipment.

Sand Filter : Sand with size 0.6 – 1.1 mm

Active Carbon : Granulate Active carbon





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REFERENCE IWET czech

- 2005 BREWERY EQUIPMENT Zlatovar SEPA
- 2005 Water Treatment Plant IRAK
- 2006 DELIVERY RWT5 BULGARIA
- 2006 Reconstruction TECHNOLOGY Akvapark KUŘIM
- 2006 Reconstruction TECHNOLOGY WATERWORKS CHRUDIM
- 2007 DELIVERY OF NEW TECHNOLOGIES Akvapark MONTENEGRO
- RECONSTRUCTION OF NEW TECHNOLOGIES 2007 Akvapark CZECH BUDĚJOVICE
- 2007 DELIVERY OF NEW TECHNOLOGIES FOR DRINKING WATER RESORT HOTEL MOROCCO
- 2008 deliveries RWT10 - MEXICO
- 2008 deliveries RWT5 - YEMEN
- 2008 deliveries RWT5 Mobile - USA
- 2009 Delivery RWT10 - EQUADOR
- 2009 RECONSTRUCTION Skanska NEW TECHNOLOGY Akvapark JABLUNKOV
- 2009 DELIVERY OF NEW TECHNOLOGIES Akvapark BLANSKO
- 2009 NEW SUPPLY DRINKING WATER TECHNOLOGY SLOVESKO ŽILINA
- 2009 DELIVERY OF NEW TECHNOLOGIES Akvapark VALAŠSKÉ MEZIRŘÍČÍ
- 2009 Delivery RWT10 - MEXIKO
- 2009 Delivery RWT5, RWT10 - SPAIN
- 2009 Delivery RWT60 SIBERIA - RUSSIA TESLA
- 2010 DRINKING WATER SUPPLY SYSTEMS MEXICO MAZATLAN
200 thousand liters / hour
- 2010 DELIVERY RWT 10 - UKRAINE ARMADA TESLA SUMI
- 2010 DELIVERY RWT10 - MEXIKO
- 2011 Delivery RWT 10 - MEXICO
- 2011 Delivery RWT 10 - VENEZUELA
- 2012 DELIVERY RWT 10 - MEXICO
- 2013 DELIVERY RWT10 MEXICO, POLAND, EGYPT, SPAIN
- 2014 DELIVERY RWT 10 INDIE, MEXICO, POLAND, EGYPT, SPAIN,
- 2015 DELIVERY RWT 10, RWT 15 RUSSIA
- 2016 DELIVERY RWT 5, RWT 15, RWT 60 RUSSIA
- 2017 DELIVERY RWT 15 RUSSIA



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Certification

CERTIFICATE

No. 42007106

This is to certify that the Quality Management System of

IWET, a.s.
Kytlická 780/16
190 00 Praha 9 - Prosek, okres Hlavní město Praha

including workshop:
Ostresany 43, 530 02 Pardubice

has been assessed and found to be in compliance with the standard

ISO 9001:2008

applicable to

**Manufacturing and assembly technologies for water
treatment and purification of drinking water,
process & industrial water.**

The certificate has been issued under No. **42007106** for the registration
period from 19th February 2016 to 18th February 2019.

Approved by

Printed by

validity code: **062699D7-AD1**
Check the validity of this certificate using this code at www.ll-c.info

www.ll-c.net

LL-C (Certification) Czech Republic s.r.o. | Pobřežní 620/3, 186 00 Praha 8



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Certification



CERTIFIKAT

Název: **Mobilní úprava vody**
Typové označení: **IWET RWT 10,15,30,60**
Vyrobeno: **Czech Republic, závod Bobrová**

U výrobku bylo provedeno přezkoumání původu všech dodávaných součástí z EU. Hodnocení podléhá platným certifikátům a normám dle ČSN – EN 65301:2001, ISO 9001, 14001 a prohlášením o shodě vydávaným na základě přezkoušení funkčnosti a kvality zařízení před technickým komisařem.

Výše uvedený typ výrobku splňuje požadavky na normativní předpisy o původu zařízení ze zemí EU a požadavků na kvalitu výrobku dle norem EU. ČSN – EN 65301:2001, ČSN – EN – ISO 13850:2007,

ČSN – EN 60204-1:2000, ČSN – EN 55011:1999,

EUN – ISO 18033-2006, EUN – ISO 21036:2007,

ČSN – ISO 3864:1995, ČSN – ISO 7000:2005

Tento certifikát platí do: **31.12.2016**

V Brně, dne 5.1.2012

Horák Petr
General director

IWET a.s., Brno, Charvatská 18, IČO: 25574442
Městský soud v Brně, oddíl B, vložka 2890





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Certification

ZERTIFIKAT ◆ CERTIFICATE ◆ 認証証書 ◆ CERTIFICADO ◆ CERTIFICAT



INSPECTION CERTIFICATE

File number **08.622.487**

Issued according to EN ISO/IEC 17020 to the organization:

IWET a.s.
Kytlická 780
CZ-190 00 Praha 9
IČO 25574442

On the basis of results of completed inspection, which are listed under
Inspection report of TÜV SÜD Czech file No.: 08.622.486
we hereby confirm conformity of the below mentioned device:

Name: **Mobile water works**
Type: **RWT-10**
S/N: **4/11/15**

with requirements following norms and regulations:

Writ of government No. 17/2003 Digest (Regulation 2006/95/ ES),
Writ of government No. 616/2006 Digest (Regulation 2004/108/ ES),
Writ of government No. 176/2008 Digest (Regulation 2006/42/ES),
ČSN EN ISO 12100:2011; ČSN EN ISO 13850:2008; ČSN EN 953+A1:2009;
ČSN EN 60204-1 ed. 2:2007; ČSN EN 55011 ed. 3:2010; ČSN ISO 3864-1:2012;

Validity conditions:

This inspection certificate is just according to the subject of inspection.

In Brno, 2015-12-16

On behalf of TÜV SÜD Czech s.r.o. : **Dr. Ing. Rostislav Suchánek**



TÜV SÜD Czech s.r.o. • Novodvorská 994 • 142 21 Prague 4 • Czech Republic • certification@tuv-sud.cz

F 540-003-4EN (2012-01-01) (Inspekční certifikát AJ -F540_003_4EN_IWET_mobilni_upravna_vody)

TUV®



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TECHNOLOGY



Certification

CLPR
CERTIFIKACE



certifikát

Tímto potvrzujeme, že systém environmentálního managementu podniku



IWET, a.s.
Charvatská 1513/18, 612 00 Brno

Provozovna:
592 55 Bobrová ev.č. 20
IČ: 25574442

byl prověřen a uznán akreditovaným certifikačním orgánem č. 3052
Českým lodním a průmyslovým registrem, s.r.o. ve shodě s normou

ČSN EN ISO 14001 : 2005

Certifikovaný systém environmentálního managementu se vztahuje na:

**Výrobu a montáž technologií pro úpravu a čištění pitných,
procesních a průmyslových vod.**

Toto uznání je dále podmíněno tím, že držitel bude udržovat systém environmentálního managementu podle uvedené normy, což bude sledováno ze strany
ČESKÉHO LODNÍHO A PRŮMYSLOVÉHO REGISTRU

Číslo certifikátu:	E-80949
Certifikát je platný do:	15.08.2011
Datum a místo vystavení:	14.10.2008, Praha


J. Dynybyl


F. Schneider



PRODUCT OF
THE CZECH REPUBLIC

INDUSTRIAL WATER
AND ENVIRONMENTAL
TECHNOLOGY



Certification

CLPR
CERTIFIKACE



certifikát

Tímto potvrzujeme, že systém managementu jakosti podniku



IWET, a.s.
Charvatská 1513/18, 612 00 Brno

Provozovna:
592 55 Bobrová ev.č. 20
IČ: 25574442

byl prověřen a uznán akreditovaným certifikačním orgánem č. 3016
Českým lodním a průmyslovým registrem, s.r.o. ve shodě s normou

ČSN EN ISO 9001:2001

Vyloučení: 7.3

Certifikovaný systém managementu jakosti se vztahuje na:

**Výrobu a montáž technologií pro úpravu a čištění pitných,
procesních a průmyslových vod.**

Toto uznání je dále podmíněno tím, že držitel bude udržovat systém managementu
jakosti podle uvedené normy, což bude sledováno ze strany
ČESKÉHO LODNÍHO A PRŮMYSLOVÉHO REGISTRU




Číslo certifikátu: C-80945
Certifikát je platný do: 12.08.2011
Datum a místo vystavení: 14.10.2008, Praha


J. Dynybyl


F. Schneider

Certification – 08.628.399 – first page

ZERTIFIKAT ◆ CERTIFICATE ◆ 認証証書 ◆ CERTIFICADO ◆ CERTIFICAT	TYPE CERTIFICATE	
	Registration number 08.628.399, Revision No. 1	
	issued for the manufacturer:	
	IWET, a.s.	
	Slezská 2101/15	
	CZ - 737 01 Český Těšín	
	Company Registration No.: 25574442	
	for the product:	
	Name:	Mobile water treatment plant IWET CONCEPT
	Type designation:	RWT-05, RWT-10, RWT-15, RWT-30, RWT-60
Place of the production:	K Čističce 1, CZ - 739 25 Sviadnov u Ostravy	
at which the certification has been conducted pursuant to ISO/IEC 17067 – scheme 3 certification scheme in accordance with TÜV SÜD Czech certification system. The results are stated in Evaluation report file No. 08.873.132 from 14.04.2016.		
The product type mentioned above fulfils the applicable requirements of the following regulations/standards which were the basis for its evaluation:		
ČSN EN ISO 12100:2011; ČSN EN ISO 13850:2016; ČSN EN ISO 14120:2016; ČSN EN 60204-1 ed. 2:2007; ČSN EN 55011 ed. 3:2010; ČSN ISO 3864-1:2012.		
This certificate is valid till: 02.03.2022		
Details and validity conditions are stated in the annex which forms an integral part of this Certificate and contains 1 page.		
This certificate is issued on the basis of voluntary certification, and it does not substitute outputs of the authorized or notified body.		
Prague, 23.03.2017		
		
		
Head of the certification body		
TÜV SÜD Czech s.r.o. • Novodvorská 994 • 142 21 Prague 4 • Czech Republic • certification@tuv-sud.cz		
TUV®		

Certification – 08.628.399 – second page

Annex to the Certificate No. 08.628.399, Revision No. 1

1. The product specimen was entered for evaluation and type certification on 16.10.2015.
2. The Certificate was issued on the basis of the documents provided by the client:
 - Application for certification from 18.10.2015
3. The assessment of factory production control was performed at the product manufacturer concentrating on elements ensuring the continuation of product conformity with certification requirements.
4. Detailed technical data characterizing the product type:
 - Is stated in the Evaluation report No. 08.873.132 from 14.04.2016
5. List of important parts of the technical documentation:
 - Is stated in the Evaluation report No. 08.873.132 from 14.04.2016
6. Validity Conditions
 - The certificate shall apply only to its holder and products and production places mentioned therein.
 - The transfer of the certificate by its owner to third parties is inadmissible as well as the use of certificate by third parties.
 - TÜV SÜD Czech shall be notified forthwith of any product modifications compared to the certified specimen. This fact may cause the certificate continuation dependent on an additional conformity evaluation.
 - TÜV SÜD Czech shall supervise the proper functioning of the Quality System at the manufacturer within a once a year period on the basis of a concluded contract about the controlling activity.
 - The certificate can be renewed on request.
 - The certificate shall only be reproduced complete including all the annexes.
 - The right to use TÜV SÜD Czech certification mark was established to the certificate.
 - The certificate holder commits to keep records of all the relevant complaints concerning the conformity of the products with the requirements of regulations and standards and make those records available to the certification body TÜV SÜD Czech.
 - Not specified items (advertising, use of certification mark and certificates) are governed by the General Conditions for Product Certification, as amended.

This certificate is a revision No. 1 of the Certificate No. 08.628.399, issued 02.03.2017.

This language version of the certificate is a translation of a Czech official version No. 08.628.399, Revision No. 1 issued on 23.03.2017, which is deemed the only one applicable in the event of legal disputes and was printed on 23.03.2017.



Page 1 of the annex

Based on the individual components design and supply the following technologies:

Water supply technology for the production of drinking water

- Water Filtration
- deironing and manganese from water
- aeration of water
- contact coagulation water
- oxidation of nitrogen compounds
- removal of organic substances
- removal of heavy metals
- desalination of water by reverse osmosis
- stabilization of water
- hygienic water security

Pool technology

- Water Filtration
- sanitation
- Complete assembly technology

Industrial water treatment

- filtration of cooling water
- stabilization of cooling water dosing of chemicals
- water softening ion exchange resins
- Water Desalination exchangers
- Water Desalination by reverse osmosis

Final treatment of waste water

- filtration of biologically treated wastewater
- final treatment of biologically treated wastewater for use in irrigation

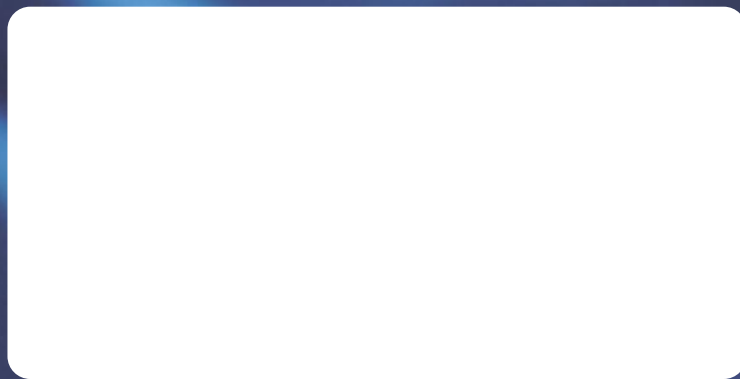
Special patented technology

- technology „SEPA“ for the treatment of hot water, cooling water, water for irrigation, pools including removing bacteria *Legionella pneumophyllis*
- stripping the volatile organic compound (VOC) air of contaminated groundwater

**These water treatment technologies, we propose
We manufacture and supply a complete turnkey assembly
or the components separately from minimum
capacity of 3 m³/h to the performances of 2 000 m³/hour.**

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