

FLUIDECO: FLUID ENGINEERING COMPANY



DOSING – ENGINEERING – AUTOMATION

FLUIDECO IS AN ACTIVE AND DYNAMIC COMPANY DEDICATED TO SKID-MOUNTED EQUIPMENT FOR CONTROL, DOSING, MEASURING AND MIXING FLUIDS.

- Turn-key projects: design/engineering + manufacturing + commissioning.
- Continuous customer service.
- ISO 9001, 14001, OHSAS18001:



- Worldwide deliveries and service.



Headquarters:

Madrid, Spain.



✓ What we do?



PUMPS

- Dosing Pumps
- Centrifugal Pumps
- Helicoidal screw Pumps
- Peristaltics Pump
- Pneumatic double membrane pumps



SYSTEMS

- Chemical Injection
- Fluid agitation & mixing
- Pumping Systems
- Wastewater Neutralization Systems
- Natural Gas Odorization Systems



AUTOMATION

- Electric desing engineering
- PLC & Touch Screen programing
- Control board manufacturing
- Decentralized periphery
- Robots programing



INDUSTRIES



Oil & Gas



Power Generation



Pulp & Paper



Food & Beverages



Detergents & Cosmetics



Water Treatment



Pumps

In Fluideco we are experts engineers in the **selection** and **supply** of the **pumps** that best suits your operation.

Fluideco provides the pumps required for industrial processes where dosing or transport of fluids is required.

Pumps for difficult fluids

- Corrosive fluids
- Fluids with suspended solids
- Viscous fluids
- Abrasive fluids
- Liquified gases

In any circumstance:

- Flows from 1 ml / h to 500 m³ / h
- Pressures until 2,300 bar
- Temperatures until 510 ° C
- ATEX Hazerdouz or safe zone



Dosing Pumps



Centrifugal Pumps



PC Pumps



Peristaltic Pumps



Pneumatic double membrane pumps



Dosing systems are used when chemicals injections are necessary into a process, as an additive or to maintain boiler and cooling water with proper pH, oxygen and conductivity conditions and to avoid scale



- Chemical dosing for boiler treatment
- Chemical dosage to the steam water cycle.
- Chemical Dosing to Cooling Towers
- Dosing of chemical additives to the process

CHEMICAL DOSING TO THE STEAM WATER CYCLE



- **Fluid:** phosphate, ammonia y carbohidrazide
- **Piping material:** stainless steel
- **Baseframe:** stainless steel
- **Tanks:** HDPE
- **Iraq**

CHEMICAL DOSING FOR BOILER TREATMENT

- **Fluid:** phosphate
- **Piping material:** stainless steel
- **Enclosure:** PP closed
- **Base frame:** carbon Steel
- **Dominican Republic**



HIPOCLORITE DOSING (1)



ACID SULFURIC DOSING (2)



(1)

- **Fluid:** sodium hipoclorite 12%
- **Piping material:** CPVC
- **Baseframe:** PP closed
- **Dominican Republic**

(2)

- **Fluid:** sulfuric acid 98%
- **Piping material:** PVDF
- **Baseframe:** PP closed
- **Dominican Republic**

VERY COLD ENVIRONMENT DOSING



- **Fluid:** sulfuric 98 %
- **Piping material:** PVDF
- **Baseframe:** double wall PP closed
- **Heating**
- **Belarus**

ATEX DOSING



- **Fluid:** phosphate y ammonia
- **Piping material:** stainless steel
- **Baseframe:** carbon steel
- **ATEX control board and instruments**
- **Australia**

AMMONIA Y OXYGEN SCAVENGER DOSING



- **Fluid:** phosphate, ammonia y carbohidrazide
- **Piping material:** stainless steel
- **Baseframe:** opened stainless steel
- **Tanks:** HDPE
- **Dominican Republic**

CHEMICAL DOSING TO COOLING TOWERS

- **Fluid:** hipoclorite, sulfuric, antiscalant
- **Piping material:** CPVC, PVDF
- **Baseframe:** opened
- **Tanks:** carbon steel, PRFV
- **Environment:** Tropical
- **Brazil**



CHEMICAL DOSING TO COOLING TOWERS



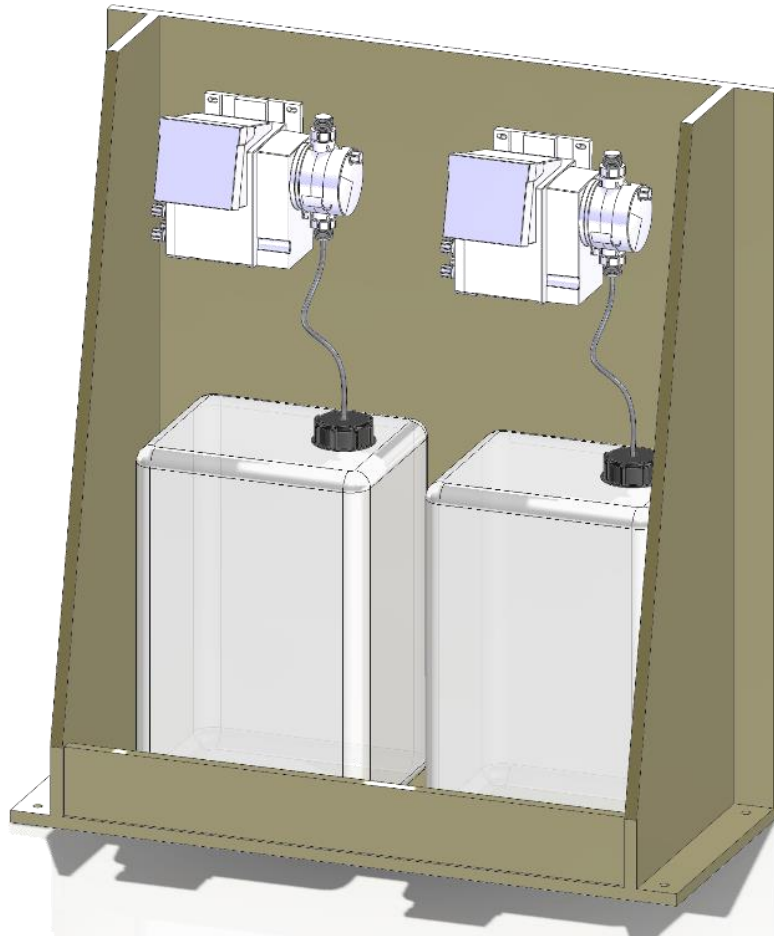
- **Fluid:** sulfuric, hipoclorite y antiscalant
- **Piping material:** PVDF CPVC
- **Panel:** PP closed
- **Tanks:** PRFV, PRFV – PVC
- **Dominican Republic**

CHEMICAL DOSING TO COOLING TOWERS

- **Fluid:** hipoclorite 12 %, sulfuric 98 % y biodispersant
- **Piping material:** PVC, stainless steel 3,16
- **Baseframe:** opened
- **Tanks:** HDPE, PRCV
- **Spain**



BASIC PANEL FOR TWO CHEMICALS



- **Fluid:** several
- **Piping material:** several
- **Baseframe:** PP opened

HIPOCLORITE DOSING



- **Fluid:** hipoclorite sodium 12 %
- **Piping material:** PVC
- **Baseframe:** PP closed
- **Spain**

CHEMICAL DOSING TO COOLING TOWERS



- **Fluid:** corrosion inhibitor, dispersant, hipoclorite sodium 14 % y sulfuric acid 98 %
- **Piping material:** PVDF, PVC
- **Baseframe:** PP opened
- **Tanks:** HDPE
- **Iran**

PERISTALTIC PUMPS DOSING



- **Fluid:** water
- **Piping material:** stainless steel
- **Baseframe:** opened stainless steel
- **Spain**

PC PUMPS DOSING



- **Fluid:** water
- **Piping material:** stainless steel
- **Baseframe:** opened stainless steel
- **Spain**

WATER ANALYSIS PANEL

- **Fluid:** water
- **Piping material:** PVC
- **Enclosure:** PP closed
- **Baseframe:** stainless Steel
- **Bangladesh**



ATEX DOSING SKID



- **Fluid:** amines, phosphate
- **Piping material:** stainless steel
- **Enclosure:** sheller
- **Baseframe:** stainless steel
- **Algeria**



- **Fluid:** phosphate, ammonia hydroxide
- **Piping material:** stainless steel
- **Enclosure:** open
- **Baseframe:** painted stainless steel
- **Australia**

API 675 SKID



- **Fluid:** formaldehyde
- **Piping material:** stainless steel
- **Enclosure:** open
- **Baseframe:** carbon steel
- **Mexico**



- **Fluid:** amines, phosphate
- **Piping material:** stainless steel
- **Tanks:** stainless steel
- **Baseframe:** stainless steel
- **Mexico**

ASME VIII VESSELS



- **Fluid:** fuel
- **Piping material:** carbon steel
- **Enclosure:** open
- **Baseframe:** carbon steel
- **Egypt**



- **Fluid:** sodium hydroxide 50% - 25%
- **Piping material:** stainless steel
- **Tanks:** carbon steel
- **Enclosure:** PP closed
- **Costa Rica**



Pumping Systems

Water pumping



Chemicals pumping



Wastewater neutralization

The regulations require that the waste water have a controlled pH before being discharged into the network.

- Dosing of hydrochloric acid
- Dosing of sulfuric acid
- Dosing of soda





Automation

At FLUIDECO we design and manufacture **industrial automation solutions** developed by our engineering team.

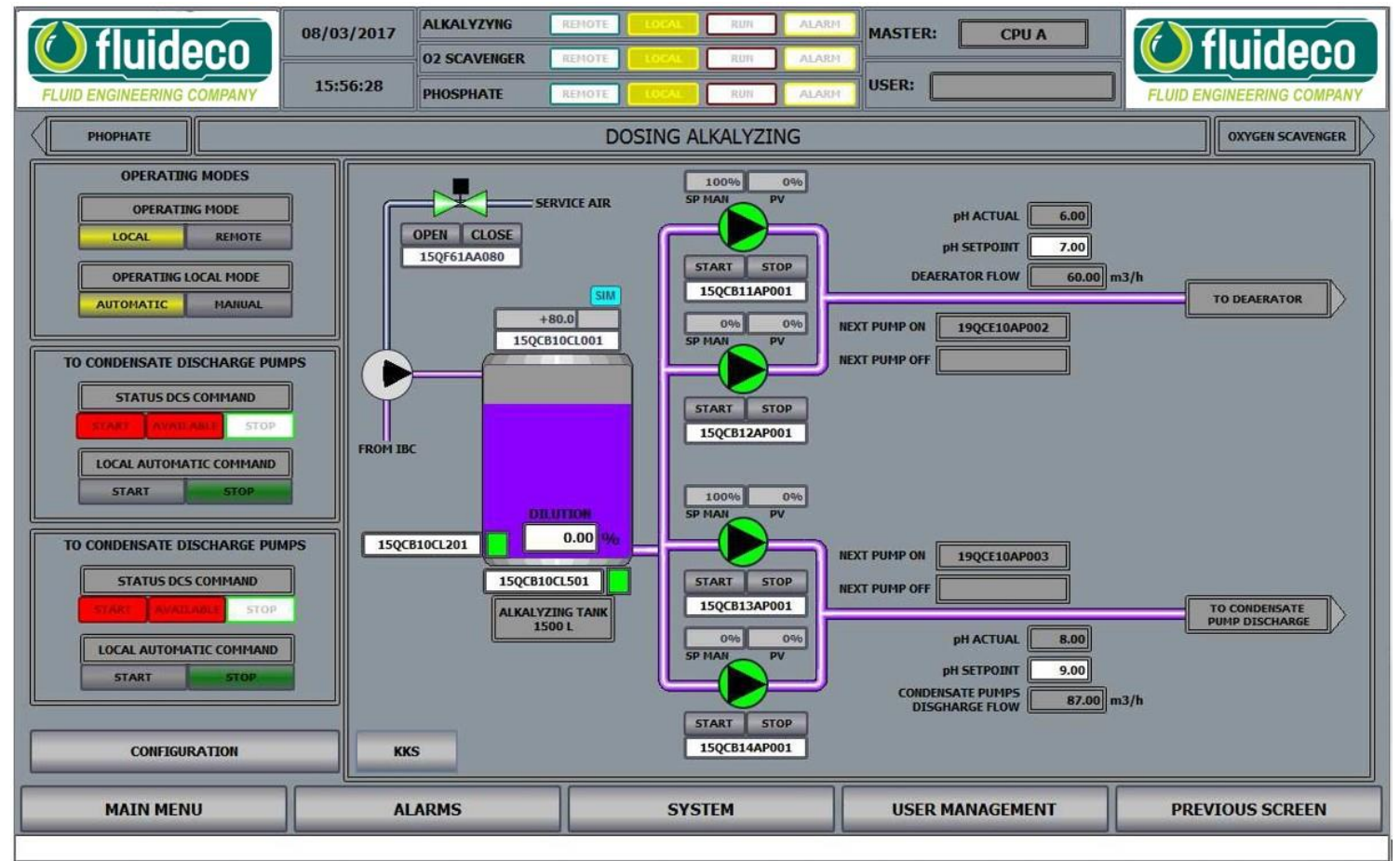
We work with **decentralized periphery**, employing industrial field buses as Profibus, Profinet, Modbus RTU, Modbus TCP, Devicenet...



Automation

We program the PLC and touch screens HMI based on the system needs, the process and our customers' requirements.
The PLC that we program are:

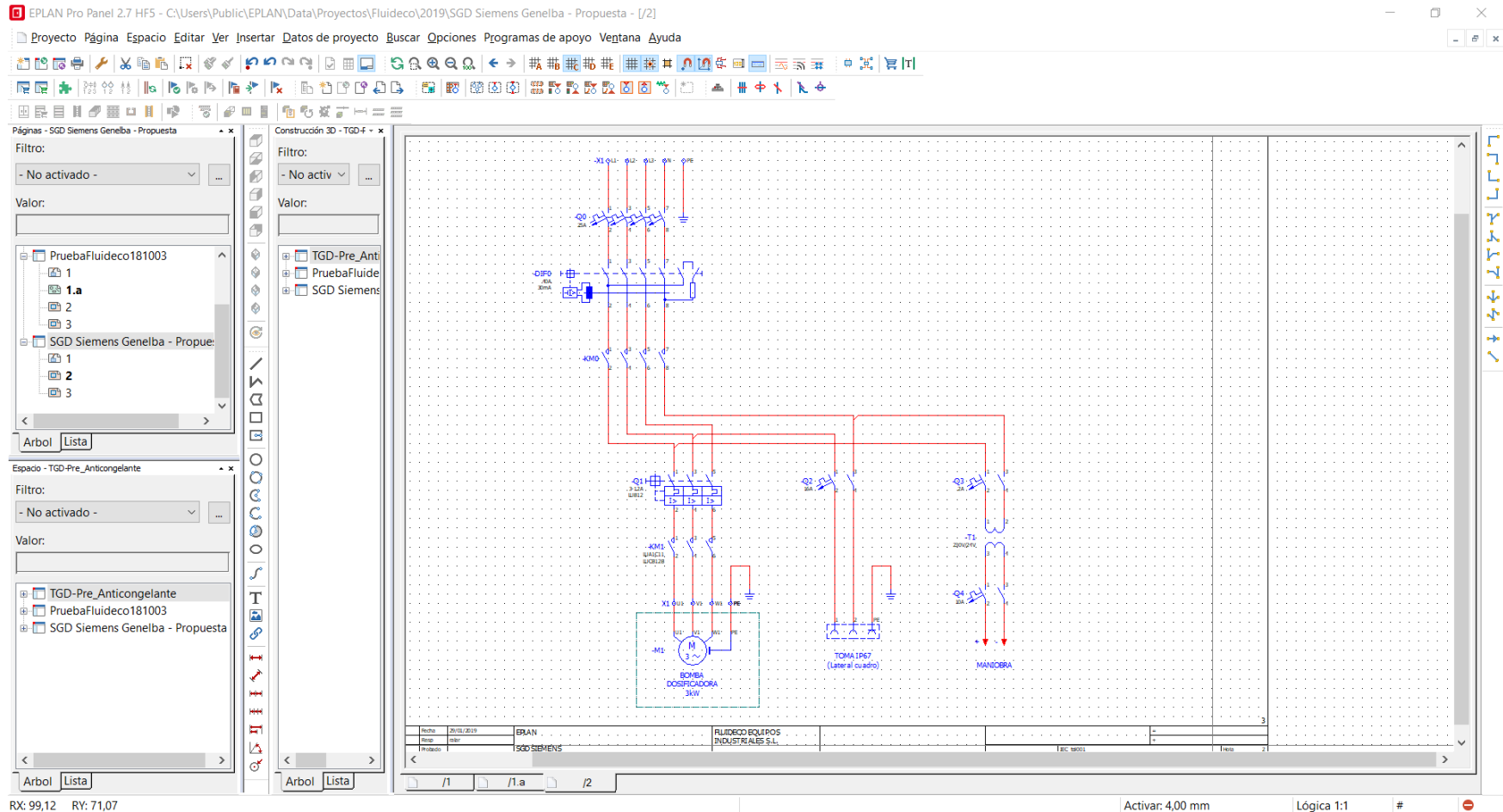
- Siemens
- Schneider
- Omron
- Allen Bradley
- Phoenix Contact



Automatic / manual control
Remote / local control

Automation

We use world class design tools like Eplan Pro Panel to develop electric projects.





Materials





Containers

Installing the dosing or sampling system inside a conditioned container provides:

✓ Equipment protection

✓ Better working conditions

✓ Easier and faster erection at Site





Welding quality

Welding procedure PQR WPS

WPQ:

- ASME procedure
- EN procedure

Welding types:

- Butt weld (BW)
- Socket weld (SW)

Quality control:

- X Ray
- Liquid penetrant
- Magnetic particles
- PMI positive material identification
- Hydrostatic test





Certifications

ISO 9001 / ISO 14001 / OSHAS 18001
CU-TR10 / CU-TR32



CERTIFICATE N. 9175.FLU1
CERTIFICADO N.

WE HEREBY CERTIFY THAT THE QUALITY SYSTEM OPERATED BY
CERTIFICA QUE EL SISTEMA DE CALIDAD DE

FLUIDECO EQUIPOS INDUSTRIALES, S.L.

C/ RAMON GOMEZ DE LA SERNA 99 LOCAL 1-H - 28035 MADRID SPAIN

OPERATIVE UNITS
INSTALACIÓN DE

C/ RAMON GOMEZ DE LA SERNA 99 LOCAL 1-H - 28035 MADRID SPAIN

IS IN COMPLIANCE WITH THE STANDARD
REÚNE LOS REQUISITOS DE LA NORMA
ISO 9001:2015

FOR THE FOLLOWING ACTIVITIES
PARA LAS SIGUIENTES ACTIVIDADES
Design and trade of fluid dosing, metering, pumping,
mixing and injection packages, skids and systems
Diseño y comercialización de equipos, skids y sistemas de dosificación,
medición, bombeo, inyección y mezcla de fluidos
Design et commercialisation d'installations, skids et systèmes de dosage,
mélange, contrôle et pompage de fluides



CSQ is a member of
I-Net
www.i-net-certification.com

After the assessment of the quality and safety of the products, the company is certified for the following activities:

After the assessment of more than 30 activities and more than 100 sub-activities of over 1000 points.



www.imq.it

CERTIFICATE N. 9191.FLU1
CERTIFICADO N.
CERTIFICAT N.

WE HEREBY CERTIFY THAT THE ENVIRONMENTAL MANAGEMENT SYSTEM OPERATED BY
CERTIFICA QUE EL SISTEMA DE GESTIÓN MEDIOAMBIENTAL DE
NOUS CERTIFIONS QUE LE SYSTÈME DE GESTION DE L'ENVIRONNEMENT

FLUIDECO EQUIPOS INDUSTRIALES, S.L.

C/ RAMON GOMEZ DE LA SERNA 99 LOCAL 1-H - 28035 MADRID SPAIN

SITES / CENTROS
SITES

C/ RAMON GOMEZ DE LA SERNA 99 LOCAL 1-H - 28035 MADRID SPAIN

IS IN COMPLIANCE WITH THE STANDARD / REÚNE LOS REQUISITOS DE LA NORMA
EST CONFORME A LA NORME
ISO 14001:2015

FOR THE FOLLOWING ACTIVITIES / PARA LAS SIGUIENTES ACTIVIDADES
POUR LES ACTIVITÉS SUIVANTES



www.imq.it

CERTIFICATE N. 9192.FLU2
CERTIFICADO N.
CERTIFICAT N.

WE HEREBY CERTIFY THAT THE MANAGEMENT SYSTEM OPERATED BY
CERTIFICA QUE EL SISTEMA DE GESTIÓN EN LAS EMPRESAS
NOUS CERTIFIONS QUE LE SYSTÈME DE GESTION DE

FLUIDECO EQUIPOS INDUSTRIALES, S.L.

C/ RAMON GOMEZ DE LA SERNA 99 LOCAL 1-H - 28035 MADRID SPAIN

OPERATIVE UNITS
INSTALACIÓN DE
SIÈGES OPÉRATIONNELLES

C/ RAMON GOMEZ DE LA SERNA 99 LOCAL 1-H - 28035 MADRID SPAIN

IS IN COMPLIANCE WITH THE STANDARD
REÚNE LOS REQUISITOS DE LA NORMA
EST CONFORME A LA NORME

BS OHSAS 18001:2007



ТАМОЖЕННЫЙ СОЮЗ
ДЕКЛАРАЦИЯ О СООТВЕТСТВИИ

Заявитель, Общество с ограниченной ответственностью «Ай-Ти-Си»
ОГРН: 1031616004595. Договор уполномоченного лица № 02/11 от 28.05.2014г.
Адрес: 423815, Российская Федерация, г. Набережные Челны, пр-т Чулман, д. 128-230,
Фактический адрес: 423826, Российская Федерация, г. Набережные Челны, бульвар
Домостроителей, дом 2-157, телефон: +7 926 633 5845, факс: +7 855 257 6719, E-mail:
aneil@resint.com

в лице Генерального директора Мухамдиева Наиля Анаровича

заявляет, что Блоки дозирования (Dosing Units): система подачи антивспенивателя 152-ME2, блок дозирования 152-ME4, блок дозирования фосфата 140-ME4, блочная установка ДМДС 140-ME7, блок дозирования амина 140-ME3, блок заправки фосфата 112-ME15, блок впрыскивания антивспенивателя 111-ME7, блок впрыскивания ингибитора в отпарную колонну 112-ME16, блок впрыскивания ингибитора в деаэризатор на базе двух поршневых насосов 112-ME17, блок впрыскивания ингибитора в дебутанизатор 112-ME18, блок впрыскивания ингибитора в деаэризатор 112-ME19, выпускаемые по Директиве 2006/42/EC

изготовитель FLUIDECO Equipos Industriales SL, Адрес: c/ Ramon Gomez de la Serna 99, 28035 Madrid, Испания, телефон: +34913165758, факс: +34913736843, E-mail: therrero@fluideco.com
Код ТН ВЭД 8413 50 690 0

Партия, 11 шт. Инвойс б/н от 08.07.2014г.

соответствует требованиям

ТР ТС 010/2011 "О безопасности машин и оборудования"



ТАМОЖЕННЫЙ СОЮЗ
ДЕКЛАРАЦИЯ О СООТВЕТСТВИИ

Заявитель, Общество с ограниченной ответственностью «Ай-Ти-Си», ОГРН 1031616004595, договор по выполнению функций изготовителя № 02/11 от 28.05.2014 года
Адрес: 423815, Российская Федерация, город Набережные Челны, проспект Чулман, дом 128 -230,
Фактический адрес: 423826, Российская Федерация, город Набережные Челны, бульвар Домостроителей, дом 2-157.
Телефон: (926) 633 58 45, Факс: (8552) 57 67 19, Адрес электронной почты: aneil@resint.com

в лице Генерального директора Мухамдиева Наиля Анаровича

заявляет, что Резервуар блока дозирования диметилдисульфида 140-ME7, заводской номер 13-115-02, изготовленный по технической документации изготовителя № PLD-0002 и в соответствии с директивой 97/23/CE.

изготовитель FLUIDECO Equipos Industriales, SL

Адрес: c/ Ramon Gomez de la Serna 99, 28035 Madrid, Spain, Испания
Телефон: +34 913165758, Факс: +34 913736843, Адрес электронной почты: therrero@fluideco.com
Код ТН ВЭД 7309 00 59 00

Партия – 1 штука. Инвойс № б/н от 08.07.2014 года.

соответствует требованиям

ТР ТС 032/2013 «О безопасности оборудования, работающего под избыточным давлением»



Customers



FLUIDECO: FLUID ENGINEERING COMPANY



DOSING – ENGINEERING – AUTOMATION



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www.fluideco.com