

Weir Power & Industrial France

Sarasin-RSBD



- ALLEN STEAM TURBINES**
Single & Multi-stage Steam Turbines
- ATWOOD & MORRILL**
Engineered Isolation & Check Valves
- BATLEY VALVE**
High Performance Butterfly Valves
- BLAKEBOROUGH**
Control & Severe Service Valves
- HOPKINSONS**
Parallel Slide Gate & Globe Valves
- HYDROGRITTER**
De-Gritting Machines
- MAC VALVES**
Ball & Rotary Gate Valves
- ROTO-JET PUMP**
High Pressure Pitot Tube Pumps
- SARASIN-RSBD**
Pressure Safety Devices
- SEBIM**
Nuclear Valves
- TRICENTRIC**
Triple Offset Butterfly Valves
- WEMCO PUMP**
Extra Heavy Duty Vortex Pumps
- WEMCO SELF PRIMER**
Solids Handling Self Primer Pumps
- WEIR POWER & INDUSTRIAL SERVICES™**

Excellent
Power & Industrial
Solutions



Confidential Information

This document contains information which is confidential to companies forming the Weir Power & Industrial Division.

It should not be disclosed in whole or in part to parties other than the recipient without the express written permission of Weir Power & Industrial Division authorized personnel

Global Supply, Service Network & Support



After almost 2 centuries, the company Weir P&I France has acquired recognised know-how and expertise for the benefit of its customers but also for all the players on the markets on which WVC France is present. *Weir V&C France supplies today solutions for specialised markets such as :*

- Nuclear Power
- Conventional Power
- O&G Upstream
- O&G Downstream
- Cryogenic

Weir P&I France supplies personalised solutions to meet the customer specifications, but also to comply with international standards and regulations such as :

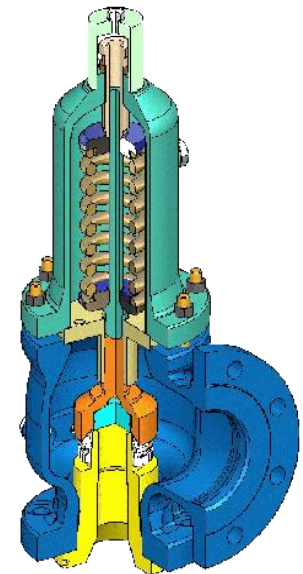
- ASME Section I, III et VIII
- API STD 520/526/521/527
- PED 97/23/EC mod. B+D cat.IV
- ISO 4126
- EN 764-7
- ATEX 94/9/EC
- NORSOK
- SELO
- ROSTEKHNADZOR
- ISO 9001:2008
- ISO 14001:2004
- OHSAS 18001:2007

Weir P&I France manufactures and supplies a comprehensive range of pressure safety valves and safety devices :

- Spring loaded PSV
- Pilot Operated PSV
- Changeover Valves
- Rupture Discs
- Tank Blanketing Systems
- Tank Storage Protection Valves

Weir Power and Industrial France is particularly recognised for its flexibility and reactivity. WVC France adapts its offer to the requirements of each of its customers.

OUR AIM : CUSTOMER SATISFACTION !



CORPORATE PRESENTATION

HEAD OFFICE

ZI LA PALUNETTE
13161 CHATEAUNEUF-LES-MARTIGUES
France

TEL

+33 4 42 07 00 95

SIREN (French Identification Number)

348673757

BANK

HSBC
118 AVENUE PAUL DOUMER
92500 RUEIL MALMAISON – FRANCE

ACCOUNT: 30056 00008 00082001578 32
IBAN: FR76 3005 6000 0800 0820 0157 832
BIC: CCFEFRPP

CAPITAL

3.300.000 EUROS

FAX

+33 4 42 07 11 77

APE (Main Activity Code)

28.14.Z

PRESIDENT

M. CHRISTIAN GOETZ-CHARLIER

EMAIL

COSEB@WEIRGROUP.COM

VAT

FR 55348673757

AUDITOR

ERNST AND YOUNG AUDIT
408 Avenue du Prado
13267 MARSEILLE Cedex 08 - FRANCE

CORPORATE PRESENTATION

SARASIN-RSBD SITE

RUE JEAN-BAPTISTE GRISON
Z.I. DU BOIS RIGAUT
62880 VENDIN LE VIEIL
FRANCE

Tel : (33)3 21 79 54 50

Fax : (33)3 21 28 62 00

Email : sarasin.rsbd@weirgroup.com

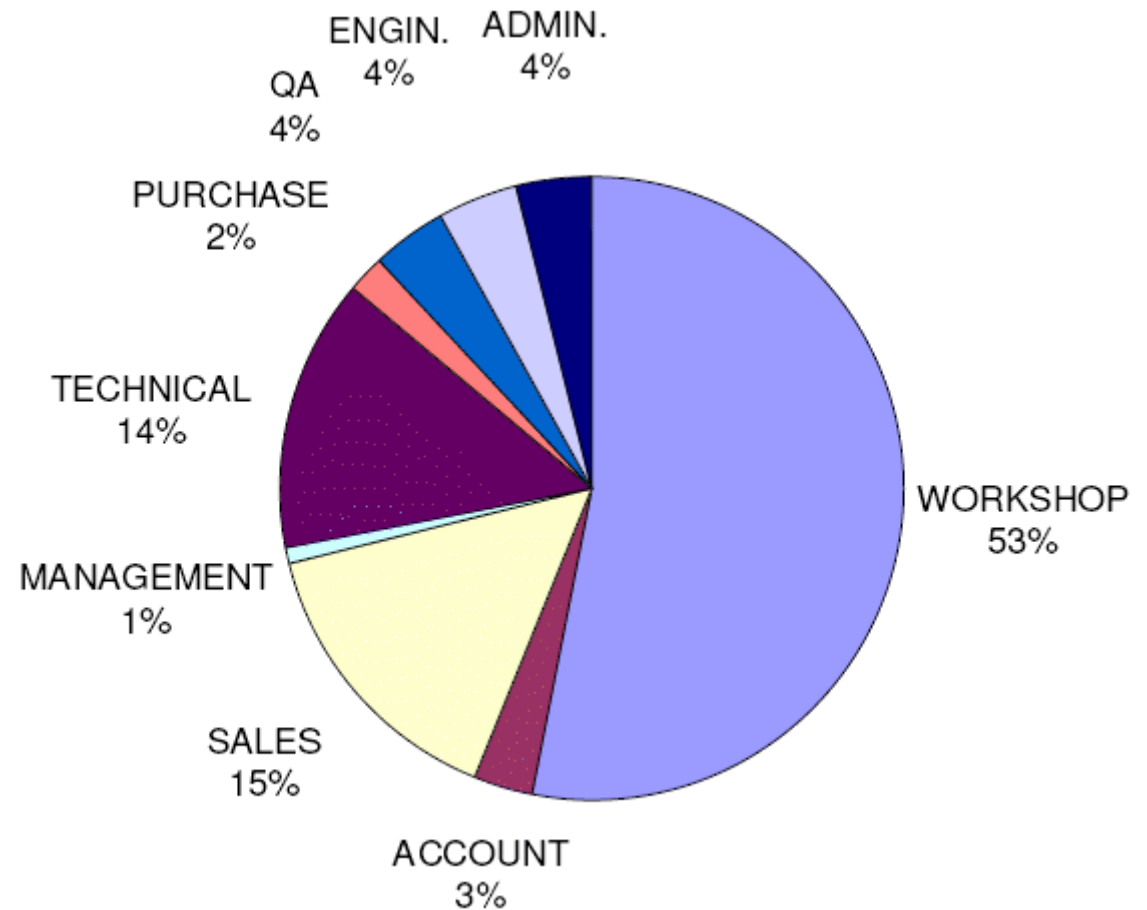
France Operations Manager: Laurent Reynaud
Plant manager : Jean-Pierre Cornubert
Sales & Marketing Manager : André Lacerda
Inside Sales Manager : Stéphane Delattre
Product Manager : David Alexandre
R&D Director : Martin Bayart
Production Manager: Francis Wicart
Supply Chain Director : Jean-Pierre Cornubert
Quality Director : Jean-Pierre Cornubert
Financial Director : Yannick Madiot
Human Ressources & Legal Director : Mounir Ait Mehdi



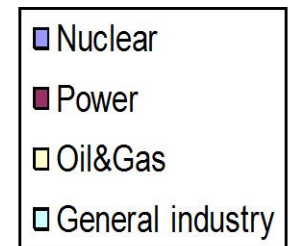
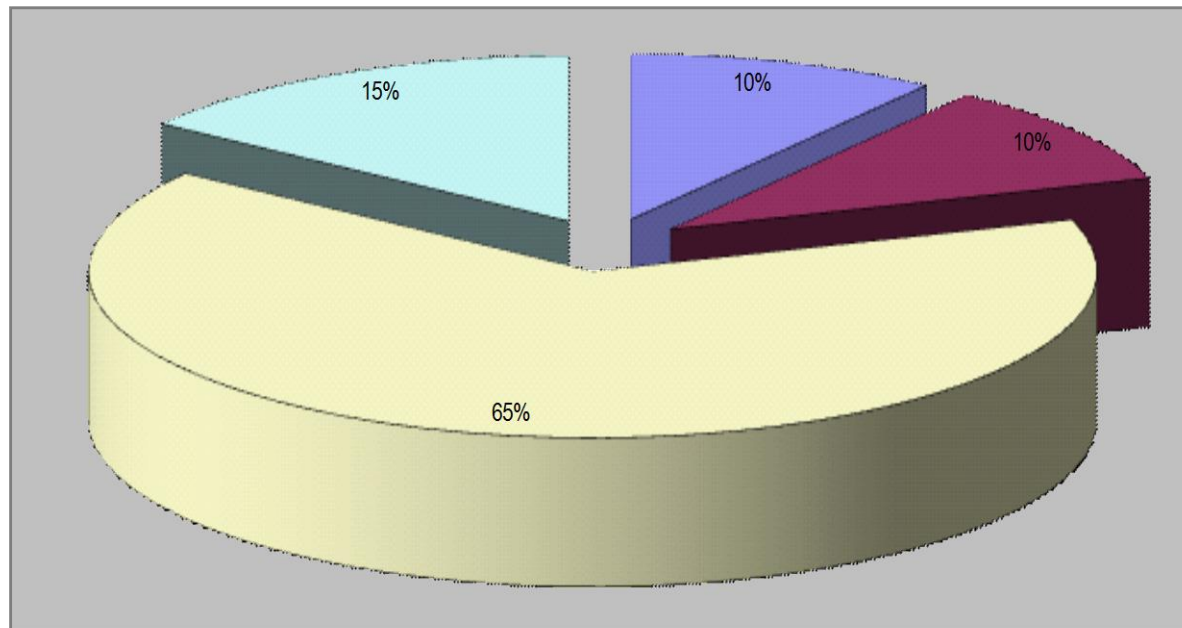
SARASIN-RSBD PLANT PRESENTATION

FIELD : 30.000 M2
OFFICE : 1200 M2
WORKSHOP : 4.600 M2

SARASIN-RSBD EMPLOYS 135 PEOPLE :

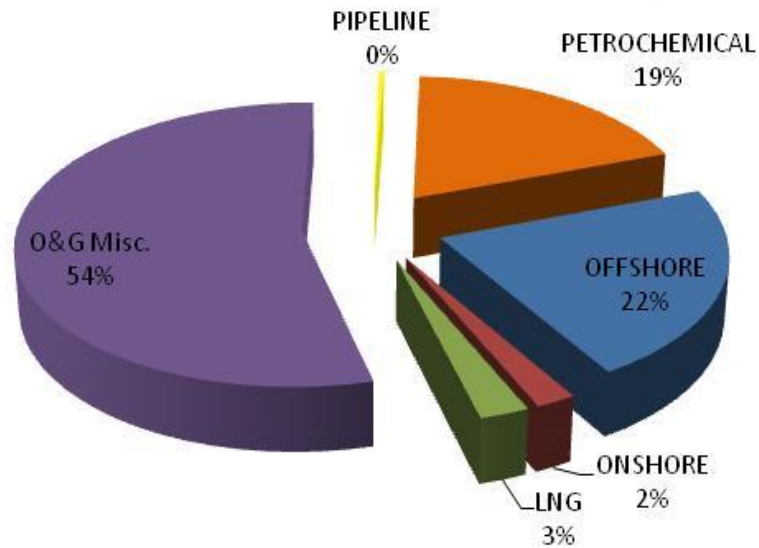


2010 sales input: 21 795 000 euros
2011 sales budget: 23 036 000 euros

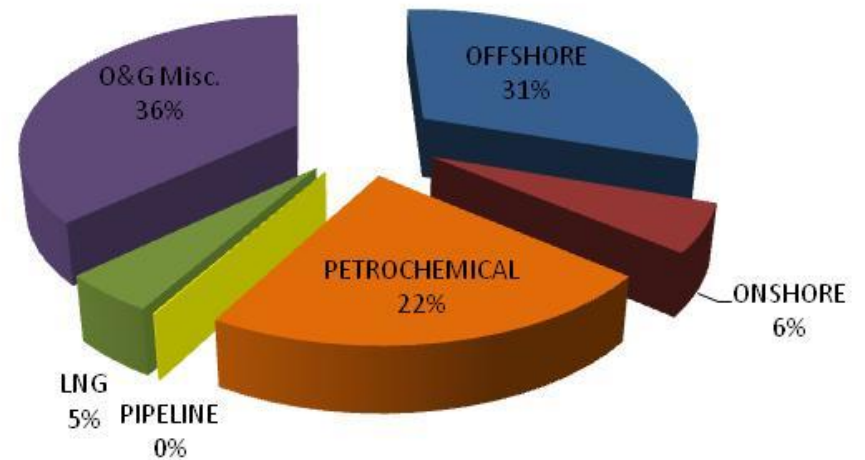


Oil & Gas Market

GLOBAL SALES in O&G the last 4 years



GLOBAL SALES in O&G in 2010



Excellent
Power & Industrial
Solutions



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SARASIN-RSBD PLANT PRESENTATION : Workshop (160.000 hr capacity)

- 9 CNC Machines
 - 10 Conventional Machines
 - 10 Welding Machines
 - 3 Saws
 - Non-Destructive Tests (COFREND certified)
 - Crane
 - Jibs 500 Kg
 - Traveling Crane 500 Kg
 - 1 Bi-girders 2 Ton
 - 1 Crane 2.5 Ton
 - 2 Cranes 1.5 Ton
 - 1 Trolley 2 Ton
 - 1 Clean Room
 - 1 Shot Blasting Room
 - 1 Sanding Room
 - 1 Painting Workshop
 - 2 lapping mach. Lam-Plan 24'' + 2 l. m. L-P 12''
- Test Bench
 - 1 Bench COMEMA Air (loop) – Automatic Flanging - 200 Bar Direct – 40 Bar with Capacity 40 liters – 4'' - 6''
 - 1 Bench COMEMA Air (loop) – Automatic Flanging - 150 Bar Direct – 40 Bar Capacity 40 liters - ≥ 4''
 - 1 Bench Air 40 Bar – Automatic Flanging – 6'' – 8'' – 10''
 - 1 Bench Air 700 Bar
 - 1 Bench Liquid 1500 Bar
 - 1 Bench Liquid 500 Bar – Manual Flanging
 - 3 Finish Benches 6 Bar Air
 - 2 Benches Low Pressure + Vacuum Pump 1 Meter Mercury Column
 - 1 Bench Air 500 Bar – Manual Flanging
 - 1 Bench Air 150 Bar – Hydraulic Flanging
 - 1 Cryogenic Bench 150 bar
 - 1 Boiler – Saturated Steam 100 bar
 - Loading Quays

SARASIN-RSBD PLANT PRESENTATION : Office

OFFER / SALES

Customizes valve sizing program.

SCHEDULING / PLANNING

ERP System MOVEX

PROGRAMMING / MACHINING TIME

Computer programming by GNT and DNC software multipoint system / Mazatrol
Computer assisted estimate of machining time, "time 3" [CETIM](#) system

ENGINEERING DEPARTMENT

- CAD SOFTWARE ME10
- Design according ASME Section I – III – VIII / API RP 520 – STD 526 / ISO 4126

QUALITY ASSURANCE CONTROL

WPI France is certified ISO 9001 and has a quality assurance manual. The quality assurance department is subject to audits carried out by companies or official bodies such as AREVA, EDF, [Vincotte](#) within the framework of the manufacture of products used in nuclear power plants (Q1 level to RCCM).

Other certifications include ASME NB (USA), EC 97/23 LLOYDS (EUROPE), SELO (CHINA), BV MARINE.



Sarasin-RSBD Products Range

Spring Loaded Safety Relief Valves: full nozzle (ASME – API) or semi nozzle

Pilot Operated Safety Relief Valves: ASME and API, full or semi nozzle

Atmospheric Relief Valve (Heat Exchanger)

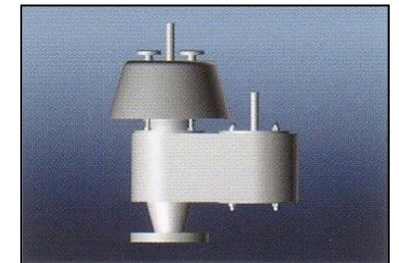
Valves for special applications

Tank Blanketing Device

Vacuum and Low Pressure Valves: API

Changeover valves: low pressure or standard design

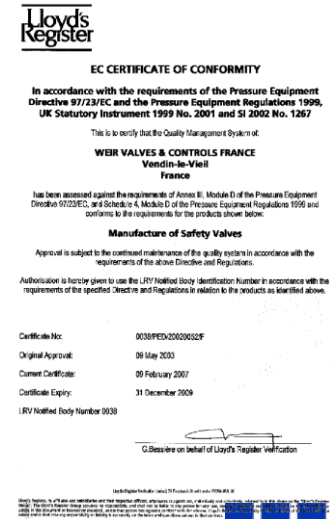
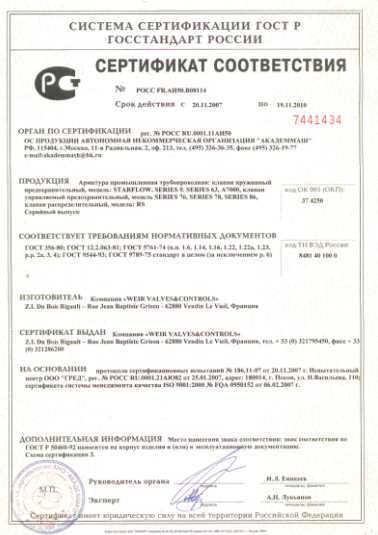
Rupture discs



SPECIAL MARKETS



- Cryogenic (LNG terminals – Zeebrugge, Fos sur Mer, Dalian, ...)
- Nuclear (Olkiluoto 3, Flamanville, Taishan, ...)
- PORV for steam application (86 type with DCS or Sebim DCM pilot)
- Frame agreements with Air Liquide and Alstom
- Certifications for China (Selo), Russia (Gost + Rostechznazdor)



■ SPECIAL PLANT EQUIPMENTS

■ BOILER

■ CRYOGENIC TEST BENCH

■ CLEAN ROOM

■ 3D CONTROL MACHINE



FEW PICTURES FROM THE WORKSHOP



Our agreements and certifications



CERTIFICATE OF APPROVAL

This is to certify that the Quality Management System of:

**WEIR Power & Industrial France
CHATEAUNEUF LES MARTIGUES & VENDIN LE VIEIL
France**

has been approved by Lloyd's Register Quality Assurance France SAS
to the following Quality Management System Standards:

ISO 9001:2008

The Quality Management System is applicable to:

Design, manufacturing and sale of spring and pilot operated safety relief and special valves. Design, installation and repair of safety valves, piping and support. Maintenance and training. Precision parts machining for all industries (nuclear, aeronautic, medical). Distribution of pressure relief valves and rupture disc safety devices.

This certificate forms part of the approval identified by certificate number FQA 0950152

| | |
|--|--------------------------------------|
| Approval Certificate No: FQA 0950152/A | Original Approval: 19 April 1996 |
| | Current Certificate: 1 January 2010 |
| | Certificate Expiry: 31 December 2012 |

Issued by: Lloyd's Register Quality Assurance France SAS




This document is subject to the provision on the reverse
1, boulevard Victor Merle, 69443 Lyon cedex 03
The approval is carried out in accordance with the LRQA assessment and certification procedures and monitored by LRQA.
The use of the LRQA Accreditation Mark indicates accreditation in respect of those activities covered by the Accreditation Certificate number 001



CERTIFICATE OF APPROVAL

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**THE NATIONAL BOARD
OF
BOILER & PRESSURE VESSEL INSPECTORS**
Certificate of Authorization



This is to certify that

Weir Power & Industrial - France
Sarasin-RSBD
Rue Jean Baptiste Grison, Z.I. du Bois Rigault
Vendin-le-Vieil, 62880
FRANCE

is authorized to apply the "NB" mark to specified PRESSURE RELIEF DEVICES in accordance with the provisions of the National Board. The scope of Authorization is limited to National Board Certified devices which have been manufactured, assembled and stamped with the following construction codes:

ASME Section VIII, Division 1: "UV" Stamp

ISSUE DATE: November 6, 2009

EXPIRATION April 8, 2012

Executive Director



The American Society of Mechanical Engineers



**CERTIFICATE OF
AUTHORIZATION**

This certificate accredits the named company as authorized to use the indicated symbol of the American Society of Mechanical Engineers (ASME) for the scope of activity shown below in accordance with the applicable rules of the ASME Boiler and Pressure Vessel Code. The use of the Code symbol and the authority granted by this Certificate of Authorization are subject to the provisions of the agreement set forth in the application. Any construction stamped with this symbol shall have been built strictly in accordance with the provisions of the ASME Boiler and Pressure Vessel Code.

COMPANY:

Weir Power & Industrial France
Sarasin-RSBD
Rue Jean Baptiste Grison
Z.I. Du Bois Rigault
Vendin-le-Vieil 62880
France

SCOPE:

**Manufacture of pressure vessel pressure relief valves at the above location only
(This authorization does not cover welding or brazing)**

AUTHORIZED:

November 6, 2009

EXPIRES:

April 8, 2012

CERTIFICATE NUMBER:

25,513

Chairman of The Boiler
And Pressure Vessel Committee

Director, Accreditation and Certification





EC CERTIFICATE OF CONFORMITY

In accordance with the requirements of the Pressure Equipment Directive 97/23/EC and the Pressure Equipment Regulations 1999, UK Statutory Instrument 1999 No. 2001 and SI 2002 No. 1267

This is to certify that the Quality Management System of:

WEIR Power & Industrial FRANCE
Vendin-le-Vieil
France

has been assessed against the requirements of Annex III, Module D of the Pressure Equipment Directive 97/23/EC, and Schedule 4, Module D of the Pressure Equipment Regulations 1999 and conforms to the requirements for the products shown below:

Manufacture of Safety Valves

Approval is subject to the continued maintenance of the quality system in accordance with the requirements of the above Directive and Regulations.

Authorisation is hereby given to use the LRV Notified Body Identification Number in accordance with the requirements of the specified Directive and Regulations in relation to the products as identified above.

Certificate No: 0038/PED/20020052/F
Original Approval: 09 May 2003
Current Certificate: 14 October 2009
Certificate Expiry: 31 December 2012
LRV Notified Body Number 0038


JP Debarnot on behalf of Lloyd's Register Verification

Lloyd's Register Verification Limited, 71 Fenchurch Street, London EC3A 4BS UK

Lloyd's Register, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as the "Lloyd's Register Group". The Lloyd's Register Group assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or, however provided, unless that person has signed a contract with the relevant Lloyd's Register Group entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.



EC CERTIFICATE OF CONFORMITY CERTIFICATE 0038/PED/20020052/F SCHEDULE

In accordance with the requirements of the Pressure Equipment Directive 97/23/EC and the Pressure Equipment Regulations 1999, UK Statutory Instrument 1999 No. 2001 and 2002 No. 1267

WEIR Power & Industrial FRANCE
Vendin-le-Vieil
France

| Product | Certificate Number | Issuing Notified Body |
|---------------------------------|---------------------|-------------------------------------|
| Safety valve - Type 9 | 0038/PED/20020052/B | Lloyd's Register Verification 0038 |
| Safety valve - Type 86 | 0038/PED/20020052/C | Lloyd's Register Verification 0038 |
| Safety valve - S12 MP | 0038/PED/20020052/D | Lloyd's Register Verification 0038 |
| Safety valve - S12 HP | 0038/PED/20020052/E | Lloyd's Register Verification 0038 |
| Safety valve - RS | 0038/PED/20020052/G | Lloyd's Register Verification 0038 |
| Safety valve - Type 78 | 0038/PED/20020052/H | Lloyd's Register Verification 0038 |
| Safety valve - A 7000 Sériés | 0038/PED/20020052/I | Lloyd's Register Verification 0038 |
| Safety valve - Type P23J1316EDF | 0038/PED/20020052/J | Lloyd's Register Verification 0038 |
| Safety valve - Type STARFLOW | 0038/PED/20020052/K | Lloyd's Register Verification 0038 |
| Safety valve - Type 63 | 0038/PED/20020052/L | Lloyd's Register Verification 0038L |
| Safety valve - Type 76 | 0038/PED/20020052/M | Lloyd's Register Verification 0038 |
| Safety valve - Type S 18 | 0038/PED/20020052/N | Lloyd's Register Verification 0038 |
| Safety valve - Type 71 | 0038/PED/20020052/O | Lloyd's Register Verification 0038 |

Schedule Issue: 08
Date of Schedule Issue: 11 July 2008
LRV Notified Body Number 0038


JP Debarnot on behalf of Lloyd's Register Verification

Page 1 of 1

Lloyd's Register Verification Limited, 71 Fenchurch Street, London EC3A 4BS UK

中华人民共和国
特种设备制造许可证
Manufacture License of Special Equipment
People's Republic of China
(安全附件) (Safety Appurtenances)

No.: TSF700B53-2014

公司/ Company: WEIR POWER & INDUSTRIAL FRANCE

地址/ Address: ZI du bois Rigault_rue Jean Baptiste
Grison 62880 VENDIN LE VIEL, France

经审查，获准从事下列安全附件的制造：

Has been audited and approved to manufacture the Safety Appurtenances within the scope as:

| 类别 Name of Products | 级别 Level | 结构型式 Structure type | 适用介质种类 Media | 公称压力范围 Nominal Pressure (Mpa) | 公称口径范围 Nominal dia. (mm) |
|------------------------|-------------|------------------------|---------------------------------|----------------------------------|-----------------------------|
| 安全阀 Safety Valves | A1 | 弹簧式 Spring | 蒸汽 Steam 气体 Gas 液体 Liquid | PN 2.0-42.0 | DN 15-300 |
| | | 先导式 Pilot | | | |

审批机关：
Approval/Issue Organ:
General Administration of Quality Supervision,
Inspection and Quarantine of the People's Republic of China

有效期至：2014年06月07日
Date of Expiration: Jun.7, 2014

发证机关：
Issue Organ:
中华人民共和国国家质量监督检验检疫总局
发证日期：2010年06月08日
Date of Issue: Jun.8, 2010



国家质量监督检验检疫总局制

СИСТЕМА СЕРТИФИКАЦИИ ГОСТ Р
ФЕДЕРАЛЬНОЕ АГЕНТСТВО ПО ТЕХНИЧЕСКОМУ РЕГУЛИРОВАНИЮ И МЕТРОЛОГИИ

СЕРТИФИКАТ СООТВЕТСТВИЯ

№ РОСС FRA.ИЗ30.В12807
Срок действия с 11.03.2010 по 08.03.2013
№ 0076079

ОРГАН ПО СЕРТИФИКАЦИИ рег. № РОСС RU.0001.11AM30
ПРОДУКЦИИ "ИВАНОВО-СЕРТИФИКАТ" ООО "ИВАНОВСКИЙ ФОНД СЕРТИФИКАЦИИ"
153032, г. Иваново, ул. Станкостроителей, дом 1, тел. (4932) 23-97-48, факс (4932) 23-97-48

ПРОДУКЦИЯ Арматура промышленная трубопроводная и комплектующие к ней, согласно приложению (Бланк № 0045272).
Серийный выпуск

код ОК 005 (ОКП):
37 4250

СООТВЕТСТВУЕТ ТРЕБОВАНИЯМ НОРМАТИВНЫХ ДОКУМЕНТОВ
ГОСТ 12.2.063-81, ГОСТ 5761-2005 (Р. 7), ГОСТ 31294-2005 (Р. 7),
ГОСТ 12893-2005 (П.а. 5.1, 5.3, Р.р. 7, 9), ГОСТ 23866-87 (за искл. Р. 6).

код ТН ВЭД России:
8481 40 100 0

ИЗГОТОВИТЕЛЬ Фирма "Weir Valves & Controls France"
Z.I. De Bois Rigault – Rue Jean Baptiste Grison – 62880 Vendin Le Vicil, Франция

СЕРТИФИКАТ ВЫДАН Фирма "Weir Valves & Controls France"
Z.I. De Bois Rigault – Rue Jean Baptiste Grison – 62880 Vendin Le Vicil, Франция

НА ОСНОВАНИИ Протокола испытаний № 23-47-03/10 от 09.03.2010 г., № 26-47-03/10, № 27-47-03/10 от 10.03.2010 г., – Испытательная лаборатория электротехнических изделий "Эксперт" (Атт. испр. № РОСС RU.0001.21M.Л36), 144001, Московская обл., г. Электросталь, Строительная пер., д. 3.
Разрешение на применение № РРС 00-37189 от 28.12.2009 г., выданное Федеральным службой по техническому, технологическому и атомному надзору.
Сертификат системы менеджмента качества ISO 9001:2008 № FQA 0950152 от 01.01.2010 г., выданный ОССК "Lloyd's Register Quality Assurance France SAS", Франция.

ДОПОЛНИТЕЛЬНАЯ ИНФОРМАЦИЯ Место нанесения знака соответствия на изделие и в сопроводительной документации. Продукция не предназначена для применения в системах водоснабжения бытового и питьевого водоснабжения.

Сфера сертификации:

Руководитель органа Уткин А.П.
Эксперт Уткин С.А.

Сертификат имеет юридическую силу на всей территории Российской Федерации

Customer References



saipem



TOTAL



شركة تنمية نفط عمان
Petroleum Development Oman



ExxonMobil

Taking on the world's toughest energy challenges.



MAERSK



LNG reference list

| ORDER | | | CUSTOMER | | | END-USER | | | |
|------------|----------|---------|----------|---|--|-------------|-----------------------------|--------|-----------------------|
| DATE | REF | K Euros | COUNTRY | CUSTOMER | PROJECT NAME | COUNTRY | NAME | MARKET | PRODUCTS (1) |
| 18/11/2009 | 30007931 | 191 | CHINA | CHINA HUANQIU CONTRACTING | DALIAN LNG | CHINA | - | LNG | P / POSRV |
| 03/11/2009 | 30007839 | 156 | CHINA | CHINA HUANQIU CONTRACTING | JIANGSU LNG | CHINA | - | LNG | P |
| 16/10/2007 | 30003250 | 235 | FRANCE | CRYOSTAR | ECOREL SAMSUNG | SOUTH KOREA | SAMSUNG | LNG | - |
| 28/09/2007 | 30003068 | 266 | TAIWAN | TECHAIN | - | CHINA | CTCI Corp - SHANGHAI | LNG | P / S9 |
| 02/03/2007 | 30001627 | 84 | FRANCE | CRYOSTAR | ECOREL | SOUTH KOREA | - | LNG | P / S9 |
| 01/02/2007 | 30001401 | 150 | FRANCE | CRYOSTAR | ECOREL | SOUTH KOREA | - | LNG | P / S9 |
| 02/05/2006 | 66147 | 383 | FRANCE | SOFREGAZ | FOS CAVAOU LNG Terminal | FRANCE | GAZ DE France | LNG | P / S9 / POSRV |
| 16/12/2005 | 65142 | 308 | FRANCE | SN TECHNIGAZ (SAIPEM - ENI GROUP) | ZEEBRUGGE LNG terminal first extension | BELGIUM | FLUXYS | LNG | P / S9 / POSRV / LPRV |
| 14/12/2004 | 62555 | 135 | FRANCE | STTS (FRENCH / ITALIAN JV incl. Saipem) | GUANGDONG LNG (Cryogenic) | CHINA | GUANGGONG DAPENG CONTRACTOR | LNG | P |