



Trademarks we've entered into:





Modentic Group

Company Profile

With a history of new product development and innovation that dates back to the the company's inception in 1982, Modentic Group provides the products in a broad range of materials, sizes and pressure classes. Focused on the various industrial sector including Power Generation, Petroleum Refining, Oil & Gas, food&pharmacy and Commercial Construction, Modentic's highly engineered product solutions are widely specified and used throughout the world.



MODENTIC IND. CORP.

Manufacture Fire safe ball valves from CLASS 150 to CLASS 2500 and sell all kinds of industry valve

Location: Taichung, Taiwan
Main Products: Industrial Valves

www.modentic.com.tw

MODENTIC VALVE CORP. NANJING

Manufacture Actuated valves and import all kinds of industry valves from abroad to sell in Chinese market

Founded in 1997
Location: Nanjing, China
Main Products: Industrial Valves

www.modentic.com.cn

Megaline^{VALVES}

MEGALINE VALVES CORPORATION
Valve solutions provider

Founded in 2009
Location: Taichung, Taiwan
Main Products: Automation Valves
High temperature and cryogenics valves
Temperature range : -196°C ~ 550°C

www.megalinevalves.com

KEVIN STEEL CORPORATION TAIWAN

Manufacture special alloy valves

Founded in 1999
Location: Taichung, Taiwan
Main Products: Super Alloy Valves

www.kevinsteel.com.tw

AsiaValves

ASIA VALVES CORPORATION

Manufacture ball valves and import valves & fittings for building and industry to sell in Vietnamese market

Founded in 2007
Location: HCMC, Vietnam
Main Products: Automation Valves

www.asiavalves.com.vn

History & the milestones we've achieved



1982

Modentic founded



1997

Modentic Nanjing founded



1999

Kevin Steel founded



2007

Asia Valve Corporation founded



2009

Megaline Corporation founded

History & the milestones we've achieved



1982~1985

Seed stage :
fabrication of screwed fittings



1985~1992

Startup stage :
fabrication of screwed end valves



1992~2000

Expanding stage :
extended facilities to fabricate flanged endvalves



2000 ~ 2008

Stable stage :
extended facilities to fabricate Gate / Globe / Check Automation



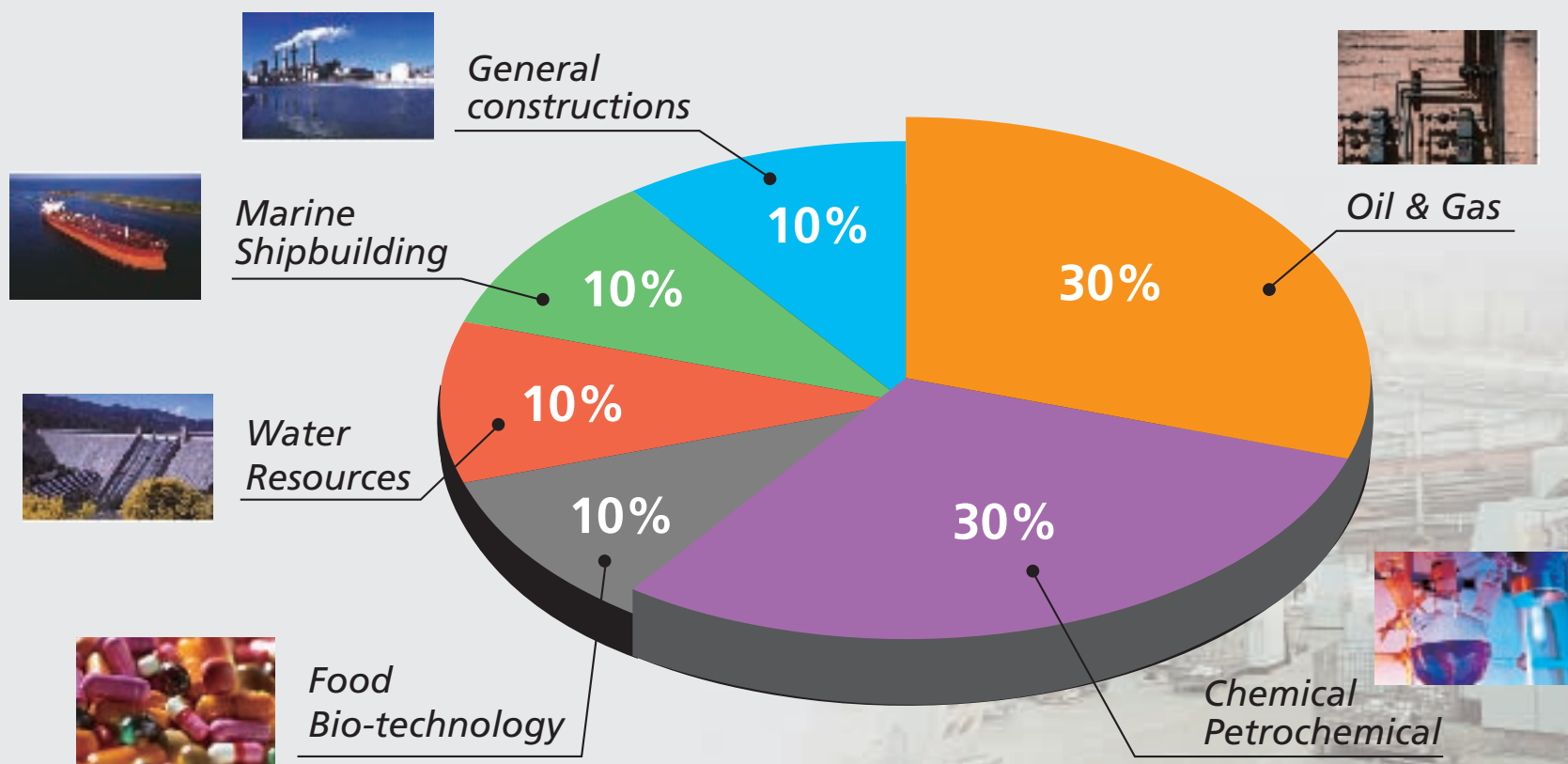
2009 to now

Current stage :
Develop clean valves / Super Alloy Valves.
Stock Super Alloy Valves, Build B to B website
R&D Vacuum Valve

Industries served

We provide a broad range of valve solutions to meet various industrial applications.

Business by industries served



Flow Control Product range:

1/2

<1> API 607 FIRE SAFE APPROVED BALL VALVES



MD-51FS-150/300

API 607 4th



MD-52FS-150/300

API 607 4th



V-255FS • V-255M

API 607 4th



MD-82-150/300

API 607 6th / ISO 10497-5 / BS 6755 Part II



MD-82 PN 16/40

API 607 6th / ISO 10497-5 / BS 6755 Part II

Flow Control Product range:

2/2

<1> API 607 FIRE SAFE APPROVED BALL VALVES



V-755FS

API 607 6th / ISO 10497-5 / BS 6755 Part II



V-155FS

API 607 6th / ISO 10497-5 / BS 6755 Part II



HPV-40FS

API 607 5th / ISO 10497-5 / BS 6755 Part II



HPV-43FS

API 607 5th / ISO 10497-5 / BS 6755 Part II



HPV-41FS

API 607 5th / ISO 10497-5 / BS 6755 Part II

Flow Control Product range:

<2> SANITARY & HIGH PURITY BALL VALVES



V-255EB / TC



V-Z05EB / TC



V-Z05MEB / TC



V-Z58EB / TC



K-Z04EB / TC



K-338TC



K-434TC

Flow Control Product range:

1/5

<3> SUPER ALLOY VALVES

CASTING BALL VALVES



V-006



V-255



MD-82



MD-54

BAR MATERIAL BALL VALVES



VS-06



HPV-40/41



HPV-43

Flow Control Product range:

2/5

<3> SUPER ALLOY VALVES

API 600 / API 603 Design Gate • Globe • Check Valves



Gate Valve
GTF



Globe Valve
GBF



Check Valve
SF

OTHERS



Check Valve
MV-1220
Wafer Type



Check Valve
MV-1221
Lug Type



Needle Valve
NV-0060
NV-0061

Flow Control Product range:

3/5

<3> SUPER ALLOY VALVES



SUPER ALLOY VALVES MATERIAL LIST

Other metal materials other than the above listed can be offered upon request

Material Conversation Chart

Material code	Nominal	Casting			Bar or forged		
	Designation	ASTM	DIN	UNS	ASTM	DIN	UNS
Austenitic Stainless Steel							
SS304	18Cr-8Ni	A351 CF8	1.4308	J92600	A276 304	1.4301	S30400
SS304L	18Cr-8Ni-LC	A351 CF3	1.4306	J92500	A276 304L	1.4306	S30403
SS316	18Cr-9Ni-2Mo	A351 CF8M	1.4408	J92900	A276 316	1.4401	S31600
SS316L	18Cr-9Ni-2Mo-C<0.03%	A351 CF3M	1.4404	J92800	A276 316L	1.4404	S31603
SS317	18Cr-12Ni-3.5Mo	A351 CG8M		J93000	A276 317	1.4449	S31700
SS317L	18Cr-12Ni-3.5Mo-C<0.03%	A351 CG3M		J92999	A276 317L	1.4438	S31703
SS347	18Cr-10Ni-Nb	A351 CF8C	1.4552	J92710	A276 347	1.4550	S34700
904L	19Cr-23Ni-4.0Mo				AISI 904L	1.4539	N08904
Alloy 20	29Ni-20.5Cr-3.5Cu-2.5Mo	A351 CN7M	1.4536	J95150	B473	2.466	N08020
Super Austenitic Stainless Steel							
254Mo	20Cr-18Ni-6.5Mo-N-Cu	A351 CK3MCuN	1.4547	J93254	A276		S31254

Flow Control Product range:

4/5

<3> SUPER ALLOY VALVES

Material code	Nominal	Casting			Bar or forged		
	Designation	ASTM	DIN	UNS	ASTM	DIN	UNS
Nickel based Alloy							
Nickel CZ100	97Ni	A494 CZ-100	2.4066	N02100			
Monel 400	67Ni-30Cu	A494 M-35-1	2.4365	N24135	B164	2.4360	N04400
Hastelloy B	67Ni-28Mo-5Fe	A494 N-12MV	2.4882	N30012	B335	2.4819	N10001
Hastelloy B2	67Ni-30Mo-1Fe	A494 N-7M	2.4617	.	B335	2.4856	N10665
Hastelloy C	58Ni-16Cr-16Mo-6Fe-4W	A494 CW12MW	2.4686	N30002	B574	2.4819	N10002
Hastelloy C276	64Ni-18Cr-18Mo	A494 CW6M	2.4819	N30107	B574	1.7752	N10276
Hastelloy C22	58Ni-21Cr-14Mo-4Fe-3W	A494 CX2MW	9.4602	N26022	B574	2.4602	N06022
Inconel 600	78Ni-15Cr-5Fe	A494 CY-40	2.4816	N06040	B166	2.4817	N06600
Inconel 625	65Ni-22Cr-9Mo-3.5Nb	A494 CW6MC	2.4856	N26625	B446	2.4856	N06625
Duplex Stainless Steel							
1A	25Cr-5Ni-Mo-Cu	A890 CD4Mu	1.4507	J93370	A790 31260		S31260
1B	25Cr-5Ni-Mo-Cu-N	A890/995CD4MCuN	1.4507	J93372	A790 31260		
2A	24Cr-10Ni-Mo-N	A995 CE8MN		J93345			
2205/4A	22Cr-5Ni-Mo-N	A890/995 CD3MN	1.4462	J92205	A790 31803	1.4462	S31803

Flow Control Product range:

5/5

<3> SUPER ALLOY VALVES

Material code	Nominal	Casting			Bar or forged		
	Designation	ASTM	DIN	UNS	ASTM	DIN	UNS
Super Duplex Stainless Steel							
2507/ 5A	25Cr-7Ni-4Mo-N	A890/995 CE3MN		J93404	A479 32750	1.4410	S32750
Z100/ 6A	25Cr-7Ni-3Mo-Cu-N-W	A890/995 CD3MWCuN	1.4468	J93380	A479 32760	1.4460	S32760
Ferrallium 255/1C	25Cr-6Ni-Mo-Cu-N	A890 CD3MCuN		J93373	A479 39277		S39277
329	25Cr-7Ni-3Mo-N		1.4507		A479 32760	1.4460	S32900
Titanium							
Grade 2		B367 C2			B348 C2		
Grade 5	6Al-4V	B367 C5			B348 C5		

Flow Control Product range:

<4> ISO 5211 DIRECT MOUNTED VALVES



V-355



K-435



V-158



MD-28



KF-315



Flow Control Product range:

<5> HIGH PRESSURE BALL VALVES



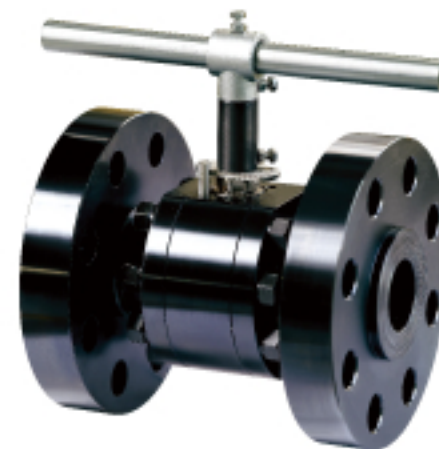
HPV-30



HPV-40 • HPV-41



HPV-84



HPV-43

Modentic family Tree

(A) Head Office

1. Taichung Taiwan

(B) Manufacturing plants

1. Taichung plant - Taiwan
2. Nanjing plant - China
3. Ho Chi Min city plant - Vietnam





(A) Head Office

Modentic Industrial Corp.
Taichung Taiwan

- a. Operations & Business plans
- b. Worldwide Marketing
- c. Procurement programs
- d. Training Center



(B) Manufacturing plants

Kevin Steel Corporation

Space area : 6000M²

Jobs :

- (1) Research & Design Center as a support of the headquarter
- (2) Maunfacture
- (3) Automation Valves
- (4) Quality Control Center





(B) Manufacturing plants

Modentic Valve Corp. Nanjing

Space area : 6800 M²

Jobs : Supply House

Automation Valves

Manuture Ball Valves

Butterfly Valves

Importer / Agent





(B) Manufacturing plants

Asia Valve Corporation

Space area: 10,000 M²

Jobs: Automation Valves

Control Valves & HVAC

Importer and Agent



檢測儀器

Testing Instrument



三次元測量儀 Coordinate Measuring Machine

功能

利用顯微鏡擷取影像進入電腦，或利用測頭在工件上觸測，依系統的各项功能進行量測。由於所有的量測工件皆由點構成，因此三次元量測儀以最基本的取點原則量測工件，進而使量測過程及結果精確化。

Function

This is a device to measure physical geometrical figures of an object. It could be operated both manually or computer controlled using touch-probe measurements. As all measurements are collected and recorded using coordinates, hence all figures acquired are highly precised.

檢測儀器 Testing Instrument



水壓測試機 10,000 psi Water Pressure Testing Equipment 10,000 psi

功能

利用水壓做閥件的洩漏測試，將牙口閥門安裝在測試機的管線上，仿實際管線的壓力做殼體和閥座的測試。

產品測試範圍：

牙口閥門 1/4" (DN8) ~ 4" (DN100)

壓力最高可測至 10,000 psi

Function

To perform leakage testing for valves with water pressure. The flange ends will be fitted on the testing machine, to carry out shell and seat testing by imitating actual pipeline pressure.

Size and Pressure Range:

1/4" (DN8) ~ 4" (DN100)

Maximum Testing Pressure: 10,000 psi

檢測儀器

Testing Instrument



水壓測試機160 kg

Water Pressure Testing Equipment 160kg

功能

利用水壓做閥件的洩漏測試，將法蘭式閥門兩端的法蘭夾住外拉，再利用水壓往閥體灌滿增壓，仿實際管線的壓力做殼體和閥體的測試。

產品測試範圍：

法蘭式閥門 Class 150 / Class 300 / PN16/25/40
1/2" (DN15) ~ 12" (DN300)

壓力最高可測至 160kg

Function

To perform leakage testing for valves with water pressure. The flange ends will be fitted on the testing machine, to carry out shell and seat testing by imitating actual pipeline pressure.

Size and Pressure Range:

Flange Valves, Class 150 / Class 300 & PN16 / 25 / 40, 1/2" (DN15) ~ 12" (DN300)

Maximum Testing Pressure: 160 kg



檢測儀器

Testing Instrument



空壓測試機10 kg

Air Pressure Testing Equipment 10kg

功能

利用空氣壓力做閥件的洩漏測試。用密封圈加壓方式將閥門固定在機台上，再利用空氣往閥體灌滿增壓，再浸泡到水裡，看有無氣泡冒出。

產品測試範圍：閥門

Class 150 / Class 300 / PN16/25/40 / 1/2" (DN15) ~ 6" (DN150)

壓力最高可測至 10kg

Function

Using air pressure to perform valves leakage testing. Fix the valve on the platform by applying pressure from gasket to the valve, then insert air into the valve. The valve will be place below water level and observe if any bubble emerge.

Size and Pressure Range:

Flange Valves, Class 150 / Class 300 & PN16 / 25 / 40, 1/2" (DN15) ~ 6" (DN150)

Maximum Testing Pressure: 10 kg

檢測儀器 Testing Instrument



材料分光儀

Mobile Spectrometer For Metal Analysis

功能

通過激發槍的電弧或火花放電蒸發樣品材料，這時激勵釋放的原子和粒子以放出射線，由光導纖維將輻射光傳到光學系統。在此處理射線，數據存儲在儀器中，測量得到的值與這些數據進行比較，接著將結果顯示螢幕上。

Function

The sample probe evaporates sample material by means of arc discharge or spark discharge. In this process, the released atoms and ions are stimulated to emit radiation. A fiber-optics directs this radiation to the optical system. Here the radiation is evaluated.

Data are already stored in the unit's memory. The measured values are compared with these data. The results are then displayed on the screen.

檢測儀器 Testing Instrument



氦氣測漏儀 Helium Leak Detector

功能

利用偵測到氦氣的原則來探測工件是否洩漏的儀器。氦氣測漏儀比其他測試方式更具有高敏感度及精密度。

Function

This equipment is a leak detector which operates on the principle of a mass spectrometry and uses helium for the probe gas. The helium leak test method provides the highest sensitivity and highest accuracy as compared with any other leak test methods.



檢測儀器 Testing Instrument

超音波清洗機 Ultrasonic Cleaner

功能

超音波洗淨是以每秒4萬5千次的振動傳導，在清洗液內反覆產生空洞位置的現象，形生孔蝕效應(cavitations)；當空洞相互撞擊時，即有極大之壓力產生，透過吸引或剝脫的作用，消除附著在清洗物上的污垢，且不傷材質，達到徹底洗淨的絕佳效果。

Function

Ultrasonic cleaning is operated by energy released from vibration (45,000 times per second) to create cavitations near the dirty surface. The bubbles produced by cavitations will perform the cleaning process without any damage occurs.



檢測儀器 Testing Instrument



粗糙度測試儀 Surface Roughness Tester

Function

Surface roughness tester tests the surface roughness by using a probe. The probe was actuated and move along with the surface of the specimen in a constant speed. The probe senses the roughness of the surface that causes the displacement of the probe. The displacement causes the change of the magnitude of the induction through the induction coil and therefore outputs a simulated signal proportional to the surface roughness from the output end of the rectifier. This signal is amplified and then is processed by DSP for calculations; the final results is shown on the LCD monitor.

檢測儀器 Testing Instrument



肥粒鐵以及厚度測試儀 Feritscope and Isoscope(Ashtead MP30)

Function

The feritscope incorporates both eddy current and magnetic induction units with full measurement storage, downloading and printing capabilities. The feritscope measures ferrite parts using magnetic induction method. A magnetic field generated by a coil enters into interaction with the magnetic components of the specimen. The changes in the magnetic field induce a voltage proportional to the ferrite content in a second coil. This voltage is then evaluated. All magnetic components of the otherwise non-magnetic structure are recognized, that is, in addition to delta ferrite and other ferritic components transformation martensite is also recognized.



Quality System

All major approvals:

ISO 9001 Certificate



CERTIFICATE OF APPROVAL

This is to certify that the Quality Management System of:

Modentic Industrial Corporation
14F-1, No.57, Taya Road, Taichung City 40458,
Taiwan

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

ISO 9001:2008

The Quality Management System is applicable to:

**Design and Manufacture of Valves and Stockist of valves,
pipe fittings and Hardware parts.**

This certificate is valid only in association with the certificate schedule bearing the same
number on which the locations applicable to this approval are listed.

Approval
Certificate No: TWN6013557

Original Approval: 18 October 2011
Current Certificate: 18 October 2011
Certificate Expiry: 17 October 2014



Issued by: Lloyd's Register Inspection Limited Taiwan
Branch for and on behalf of Lloyd's Register Quality
Assurance Limited



This document is subject to the provision on the reverse
71 Fenchurch Street, London EC3M 4BS United Kingdom. Registration number 1879370
This 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
Modentic 001



Quality System

All major approvals:

PED 97/23/EC (CE0038) Module H



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:

Modentic Industrial Corporation/ Kevin Steel Corporation
Office: 14F-1/3, No.57, Ta Ya Road, Taichung City, Taiwan.
Manufacture site: No.9, Wugong 6th. Road, Wufeng District, Taichung City, Taiwan.

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

Design and Manufacturing of Industrial 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/SHA/6013557/A

Original Approval: November 24, 2011

Current Certificate: November 24, 2011

Certificate Expiry: November 23, 2014

LRV Notified Body Number 0038

Fucheng Lin on behalf of Lloyd's Register Verification

Lloyd's Register Verification Limited, 71 Fenchurch Street London EC3M 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 howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register Group entity for the provision of the information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.



Quality System

All major approvals:

CRN

CRN LISTING

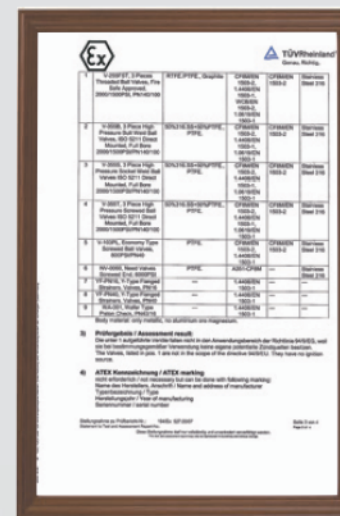
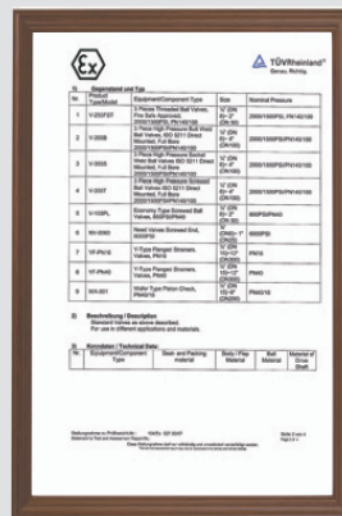
MODENTIC

PROVINCE	CRN	EXPIRES(mo/yr)
Alberta	OC0795.952	Feb-2011
British Columbia	OC0795.951	Feb-2011
Manitoba	OC0795.954	Feb-2011
New Brunswick	OC0795.97	Feb-2011
Newfoundland	OC0795.90	Feb-2011
Nova Scotia	OC0795.98	Feb-2011
Ontario	OC0795.95	Feb-2011
P.E.I.	OC0795.9	Feb-2011
Quebec	OC0795.96	Feb-2011
Saskatchewan	OC0795.953	Feb-2011
N.W.T.	OC0795.9T	Feb-2011
Yukon	OC0795.9Y	Feb-2011
Nunavut	OC0795.9N	Feb-2011

Quality System

All major approvals:

ATEX Certificate

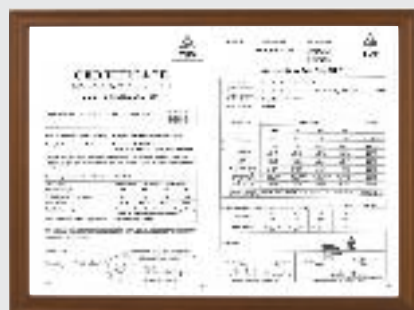




Quality System

All major approvals:

API 607 CERTIFICATE





World Wide Customers





Our Culture and Philosophy

- 1 Quality**
- 2 Service**
- 3 Delivery**
- 4 Price**
- 5 誠信、積極、團結、負責**

