



Since 1985

Riyadh - Al Khobar - Jeddah

شركة روابي الممفار التجارية

RAWABI AL MAHFAR TRADING CO.





KING-ABDULLA FINANCIAL DISTRICT



KING ABDULLA ECONOMIC CITY RABIG



KING FAISAL HOSPITAL



RIYADH METRO



KINGDOM TOWER



FAISALIAH TOWER



POWER PLANT



NATIONAL GUARD HOSPITAL



QASSIM UNIVERSITY



PRINCESS NOURA UNIVERSITY

Founded in the year 1985 by Mr. Abdul Rahman Hassan Al Shehri with diverse interests in manufacturing, construction and trading activities in the Middle East. RAWABI GROUP is the fast growing entity surging ahead with various business interests. Fuelled by aims to create lasting value for customers particularly in Saudi Arabia and Middle East.

Beginning as a trader and stockist of Electro Mechanical Materials like pipe and fittings, Rawabi group has come a long way, Today the company has seven showrooms, Strategically located in different parts of Saudi Arabia. Three showrooms are located in Riyadh, three in Al-Khobar and one in Jeddah. We further expand with our new showrooms in UAE. The company has supplied materials to almost all the major and prestigious projects across Saudi Arabia.

We have maintained very good relationship, goodwill, reliability, and trust with all our clients. The ability to supply the required material on time is the major reason for our success.

We have individual warehouse for each province ensuring delivery of materials.

Finally, we very much proud of ourselves that we had a good past, have good present and In Sha Allah, we will have good future too.

Thanking you for your time and attention,

عن مجموعة روابي

في سنة ١٩٨٥ قام السيد/ عبدالرحمن حسن الشهري بتأسيس «مجموعة روابي» بمزيد من الشغف بمجال التصنيع والانشاءات والتجارة في الشرق الأوسط.

والآن أصبحت «مجموعة روابي» من أسرع المؤسسات نمواً في العديد من مجالات الأعمال مدعومة بقوة الإرادة والطموح لتحقيق المكانة المميزة على جميع الجبهات.

تهدف «مجموعة روابي» إلى تحقيق إبداعات القيمة المستدامة لعملائها في المملكة العربية السعودية والشرق الأوسط.

كما كانت بدايتنا في التجارة كموردين للمواد الإلكترونية والميكانيكية والأنابيب والمنتجات، فقد قطعنا طريقاً طويلاً في هذا المجال.

واليوم نواصل الانطلاق من خلال سبعة معارض في مواقع إستراتيجية، ثلاثة منها في العاصمة ومعرض في جدة وثلاثة في الخبر.

ولقد دأبت «مجموعة روابي» على البحث عمّا يحتاجه العملاء في مختلف أنشطتهم وربما تكون المؤسسة الوحيدة المتخصصة في توريد المواد لأهم وأكبر مشاريع البناء في المملكة العربية السعودية.

نحن نحرص على دوام وإحياء العلاقة الطيبة بعملائنا ممّا أسفر عن ذلك السمعة الطيبة المدعومة بالثقة والإعتمادية في توريد المواد بالكميات المطلوبة وفي الوقت المناسب.

كل ماسبق يبيّن أسباب نجاحاتنا على مستوى المملكة بما مكّننا من فتح آفاق الأعمال إلى البلاد المجاورة مثل الإمارات العربية المتحدة ودولة قطر، حيث تتمتع «مجموعة روابي» أيضاً بالسمعة الطيبة، بالإضافة إلى ذلك فلدينا مستودعات منفصلة لكل منطقة.

لقد تميزنا عن الآخرين في مجال دعم العملاء قبل دخولهم للمناقصات حيث ننصحهم بأفضل الأسعار ونعدهم بالتسليم الفوري.

وختاماً، فإننا نفخر بما حققناه في الماضي، وفي الحاضر، وفي المستقبل الواعد بإذن الله.

شكراً لوقتكم الذي بذلتموه للتعرف على «مجموعة روابي».



CARBON STEEL PIPE ERW (BLACK)

Specification :

ASTM A53 GRADE B & GRADE A SCH -40
SSA 1011-95-EQ.BS 1387, LIGHT MEDIUM

Major Brands :-

AL JAZEERA, SSP

CARBON STEEL SEAMLESS (BLACK)

Specification :

Seamless SCH-40&SCH -80&SCH -160
A 106 GRADE B -API 5 L GRADE B

Major Brands : -
INTER PIPE, NKK



PIPE GALVANIZED ERW

Specification :

Welded SCH-10,SCH-40
HOT DIP GALVANIZED

Major brands :-

AL JAZEERA, SSP

GALVANIZED PIPE SEAMLESS

Specification :

SEAMLESS SCH -40&SCH -80
ASTM A53, GRADE A&A105 GRADE B
SSA-1011 -95 BS /387 - WELDED ONLY





STAINLESS STEEL PIPE

Specification :
SEAMLESS & WELDED SCH -10, SCH 40 &
SCH -80
TP 304 / 304L & TP 316 / 316L

COPPER PIPE & COILS

Specification:
TYPE L & TYPE K AMERICAN STANDARD
ASTM B 88 & WWT -799
TABLE X IN BRITISH STANDARD
BS 2871
Brand origin :-
MUELLER -YORKSHIRE - CAMBRIDGE



PVC PIPE SCH - 40 & SCH -80
CLASS - 2, CLASS -3, CLASS-4 & CLASS-5
Spec : BS 3505 & 3506

BRAND & ORIGIN
MT PLAST -SAPPCO -AGM

PPR PIPE
Spec : PN20 & PN25

PVC, CPVC PIPE & PPR PIPES

Specification :
CPVC PIPE SCH - 80
Spec : ASTM F-44

BRAND & ORIGIN
AQUATHERM-KTP-COSMOPLAST
-GREEN PIPE



PIPES -DUCTILE CAST IRON FOR WATER LINE
FOR DRINKING WATER LINE
ISO STANDARD

PIPES -CAST IRON FOR DRAINAGE

HUB & SPIGOT
SPECS :ASTM A74

NO HUB & SINGLE HUB
SPECS :ASTM A888



PIPES -ALUMINIUM
PIPES -BRASS



Cast iron made by prolonged annealing of white iron followed by much process resulting in the formation of malleable iron. Malleable iron fittings are used for domestic and industrial applications, machine and plant engineering and even in the field of construction.

COMMON DIAMENSION

STANDARDS

ANSI B2.1 & DIN 2999 FOR # 150

COMMON TYPES

ELBOW 45* / 90*

STREET ELBOW, REDUCING ELBOW,
REDUCER BUSHING & COUPLING,
EQUAL TEE, UNION, HEX NIPPLE,
PLUG, COUPLING,

SIZE RANGE

1/8" to 6" FOR # 150 MATERIALS

COMMON MATERIALS

GALVANIZED & BLACK MALLEABLE
NPT, BSPT ANSI # 150

MAJOR SUPPLIERS

HITACHI METALS
BIS FITTINGS



COMMON TYPES

ELBOW 45° / 90°
 EQUAL TEE
 END CAP
 REDUCER TEE
 CONCENTRIC REDUCER
 ECCENTRIC REDUCER

COMMON MATERIALS

CARBON STEEL SA234 WPB
 HIGH YIELD CARBON STEEL MSS-SP75
 WPHY 45-46-52-60-65-70
 CARBON LOW ALLOY STEELS SA420 WPL 6

COMMON DIMENSION

Standards:
 ASME A 16.9, B16.28

SIZE RANGES:

½" to 48"
 LARGER SIZES ARE AVAILABLE
 ON REQUEST BASES

MAJOR SUPPLIERS

BENKAN



These are forged materials. Forging involves the use of the machinery with a hammering or pressing action to convert iron or steel bars or other basic shapes into a predetermined form.

COMMON TYPES

ELBOW 45° / 90°
 EQUAL TEE, REDUCING TEE
 END CAP, UNION
 END PLUG
 HEX NIPPLES
 COUPLING FULL / HALF
 REDUCING COUPLING & BUSHING
 WELDING BOSS
 SWAGE NIPPLE, PIPE NIPPLE
 THREDOLET, WELDOLET

STANDARDS

NPT OR SW (CLASS-3000, 6000, & 9000)
 SWAGES-CONCENTRIC, ECCENTRIC, SCH-80,
 SCH-160
 S-XXS, TBE, PBE, BBE
 PIPE NIPPLES SCH-40, SCH-STD, SCH-80
 SCH-160, TBE, PBE, TOExPOE

SIZE RANGE

FROM 1/4" TO 4"

MAJOR SUPPLIERS

M.E.G.A
 BOTHWELL



Stainless steel is an incredibly resistant building product, but it is not impervious to mild staining or even corrosion to some extent. There are several factors and agents that cause both unsightly staining and more serious metal corrosion. These include exposure to marine salt or other corrosive environments, poor design or installation.

COMMON TYPES

ELBOW 45° / 90° (Threaded & Welded)
 COUPLING END CAP (Threaded & Welded)
 EQUAL TEE (Threaded & Welded)
 HEX NIPPLE, UNION (Threaded)
 REDUCER TEE (Threaded & Welded)
 CON.REDUCER (Threaded & Welded)
 ECC. REDUCER (Threaded & Welded)

COMMON MATERIALS

STAINLESS STEEL AUTOMATIC FOR HIGHER
 TEMPERATURE SERVICES - SA 403 WP 304
 WP 304L WP 304 H / WP316/ WP316L/ WP347

STANDARD

ASME B16.9, B16.28 MSS-SP43/ 75

SIZE RANGES

½" to 48"
 LARGER SIZE AVAILABLE ON REQUEST
 BASES

ALL SPECIAL GRADES OF STEEL EXOTIC
 MATERIALS ARE AVAILABLE ON REQUEST.



grooved piping system is reliable and is faster to install than welding, threading or flanging, resulting in lowest installed cost. It can be adapted to suit standard pipe with cut grooves or standard and light wall pipe with rolled grooves. Triple sealing of the C-shaped pressure responsive gasket is made from specially compounded rubbers with low compression set property. Coupling with tri-seal gaskets are highly suitable for higher vacuum service and dry systems subject to freezing. Couplings are available for flexible and rigid systems. Couplings and fittings are painted with alkylated resin paint standard finish to RAL 3000 colour.

COMMON TYPES

ELBOW 45° / 90°
 COUPLING END CAP
 EQUAL TEE, FLANGES
 REDUCER TEE (Threaded & Welded)
 MECHANICAL TEE (Threaded & Welded)
 CON. REDUCER (Threaded & Welded)
 ECC. REDUCER
 REDUCER COUPLING

MAJOR SUPPLIERS

NATIONAL GROOVED
 DUCCO
 SHUREFIX
 LEDE
 SHUR JOINT

We offer a broad line of grooved fittings in sizes through 1" to 12" in a variety of straight and reducing styles. Standard fittings are steel, segmentally welded steel or ductile iron depending on style and size.



Modern technology, recognizing that no material is superior to copper for conveying water, has reconfirmed it as the prime material for such purposes. Years of trouble-free service in installations here and abroad have built a new reputation for copper piping in its modern form light, strong, corrosion resistant tube. It services all kinds of buildings: single-family homes, high-rise apartment and industrial, commercial and office buildings.

COMMON TYPES

ELBOW 45° / 90°
COUPLING, REDUCER COUPLING
EQUAL TEE, REDUCER TEE
HEX NIPPLE, PLUG, UNION
MALE ADAPTER
FEMALE ADAPTER

SIZE RANGE

1/4" to 8"

MAJOR SUPPLIERS

MUELLER
NIBCO



PVC fittings used in pressurized irrigation systems, water adduction, chemical installation and for water treatment in general.



COMMON TYPES

- ELBOW 45* / 90*
- COUPLING, REDUCER COUPLING,
- EQUAL TEE, REDUCER TEE
- END CAP, UNION
- MALE & FEMALE ADAPTOR
- FLANGES

SIZES & SPECIFICATION

- PVC & UPVC FITTINGS
- SCH-40, SCH-80, CLASS-(3, 4&5)
- SIZE 1/2" TO 8"
- 20MM TO 710MM

CPVC FITTINGS

- SCH-80
- SIZE 1/2" TO 8"

PPR FITTINGS

- PPR FITTINGS SCH-80
- SIZE 1/2" TO 8"
- PN 25 STANDARD
- SIZE 20 MM TO 125 MM

MAJOR SUPPLIERS

- APLACO
- CHANNEL
- BPF FABCO
- GREEN PIPES
- AL KOBLAN




These are the forged / rolled, machined pieces to use in plants /installations components as a fastening / connecting / assembling service conveying media , for several decades, the world over, from the vast on shore plants in middle & far east to advance north sea oil rings & other installations flanges have been on target with adequate and flexible solutions. Common world standards include ASA / ANSI / ASME (USA) PN / DN (European) ANS BS 10 (British).

COMMON TYPES

SLIP ON
WELD NECK
BLIND
SOCKET WELD
THREADED

COMMON MATERIAL

CARBON STEEL
FORGED STEEL
STAINLESS STEEL
ALL SPECIAL GRADE OF EXOTIC STEEL
MATERIALS ARE AVAILABLE ON REQUEST

STANDARDS

SIZE STANDARD: #150, #300, #400, #600,
B16.5, B16.47, SERIES A & B, AWWA, DIN.

SIZE RANGES

½" to 48"
LARGER SIZE AVAILABLE ON REQUEST BASES

MAJOR SUPPLIERS

KOFCO
ULMA FORGA



A valve is a device that regulates, directs or controls the flow of a fluid (gases, liquid, fluidized solids or slurries) by opening, closing or partially obstructing various passageways. Valves are technically valve fittings, but are usually discussed as a separate category. In an open valve, fluid flows in the direction from higher pressure to lower pressure.

COMMON TYPES

Carbon Steel 105 and ASME Sa 216 Grade WCB
 STAINLESS STEEL CF8M, Lf 2, 304 316
 CAST IRON
 BRASS
 BRONZE
 FORGED STEEL
 CHROME PLATED

PRESSURE & SIZES

PRESSURE #150 TO # 800
 1/2 TO 24 «(IN ALL SCHEDULES)
 LARGER SIZES AVAILABLE ON REQUEST BASIS
 NPT, SW, FLANGED END ARE AVAILABLE

TYPES OF VALVES

GATE VALVE, UL/FM GATE VALVE
 GLOBE VALVE, FOOT VALVE
 SPRING AND SWING TYPE CHECK VALVE
 BUTTER FLY VALVE, Y STRAINER
 BALANCING VALVE

MAJOR SUPPLIERS

SULFEX, VELAN,
 KITZ, PEGLER
 WATTS, MUELLER,
 AVK, HUTTERSLY
 FLOTECK, NIBCO, CRANE



In many developed countries water meters are used to measure the volume of water used by residential and commercial building that are supplied with water by a public water supply system. Water meters can also be used at the water source, well, or throughout a water system to determine flow through a particular portion of the system.

COMMON TYPES

Cast Iron

Brass

SIZE RANGE

Sizes Starting from ½" and the larger sizes are available on request bases

MAJOR BRANDS

ZENNER

ELESTER

MADDALENA

ACTARIS

SQUARE TUBE



TYPES OF MATERIALS
MILD STEEL
STAINLESS STEEL
GALVANIZED

RECTANGULAR TUBE



TYPES OF MATERIALS
MILD STEEL
STAINLESS STEEL
GALVANIZED

ANGLE BAR



TYPES OF MATERIALS
MILD STEEL
STAINLESS STEEL
GALVANIZED

ROUND BAR



TYPES OF MATERIALS
MILD STEEL
STAINLESS STEEL
GALVANIZED

U - CHANNEL



TYPES OF MATERIALS
MILD STEEL
GALVANIZED

I - BEAM



TYPES OF MATERIALS
MILD STEEL
GALVANIZED

SHEET



TYPES OF MATERIALS
MILD STEEL
STAINLESS STEEL
GALVANIZED

CORREGATED SHEET



TYPES OF MATERIALS
MILD STEEL

UNISTER CHANNEL



TYPES OF MATERIALS
MILD STEEL
GALVANIZED

STAINLESS STEEL VERSION



Nominal Size: 40, 50, 63 mm
 Scale Rang: 0...1 to 0...1000bar
 Accuracy Class: 2.5

131.11

STAINLESS STEEL SAFETY VERSION



Nominal Size: 63,100,160 mm
 Scale Rang: 0...1 to 0...1000bar (NS63)
 0...0.6 to 0...1,000 bar (NS100)
 0...0.6 to 0...1,600 bar (NS160)
 Accuracy Class: 1.0 / 1.6 (NS 63)
 Ingression Protection: Ip65

232.30

The application areas for these guages, manufactured entirely in stainless steel, are gases and liquid aggressive media that are not highly viscous or crystallising, also inaggressive ambience. They are suitable for scale ranges from 0.....6 to....7,000 bar.

Dependent up on the pressure range and the instrument type, over pressure safety of up to a maximum of 5 full scale value is possible. To this point, the measuring accuracy is maintained. Liquid filling the case insure a precise instrument display with high dynamic pressure loads and vibrations.

MAJOR SUPPLIERS

- WIKA
- HUNTER
- WINTER

STAINLESS STEEL CASE WITH LIQUID FILLING



Nominal Size: 63, 100, 160mm
 Scale Range: 0...1.0 to 0...400 bar (NS50)
 0...0.6 to 0...1,000 bar (NS63)
 0...0.6 to 0...1,000 bar (NS100)
 Accuracy Class: 1.0 / 1.6 (NS 63)
 Ingression Protection: IP65
 Data Sheet: PM02.12

111.10

STANDRD VERSION



Nominal Size: 40, 50, 63, 80, 100, 160mm
 Scale Rang: 0...0.6 to 0...400 bar
 Accuracy Class: 2.5
 Data Sheet: PM01.01

111.10

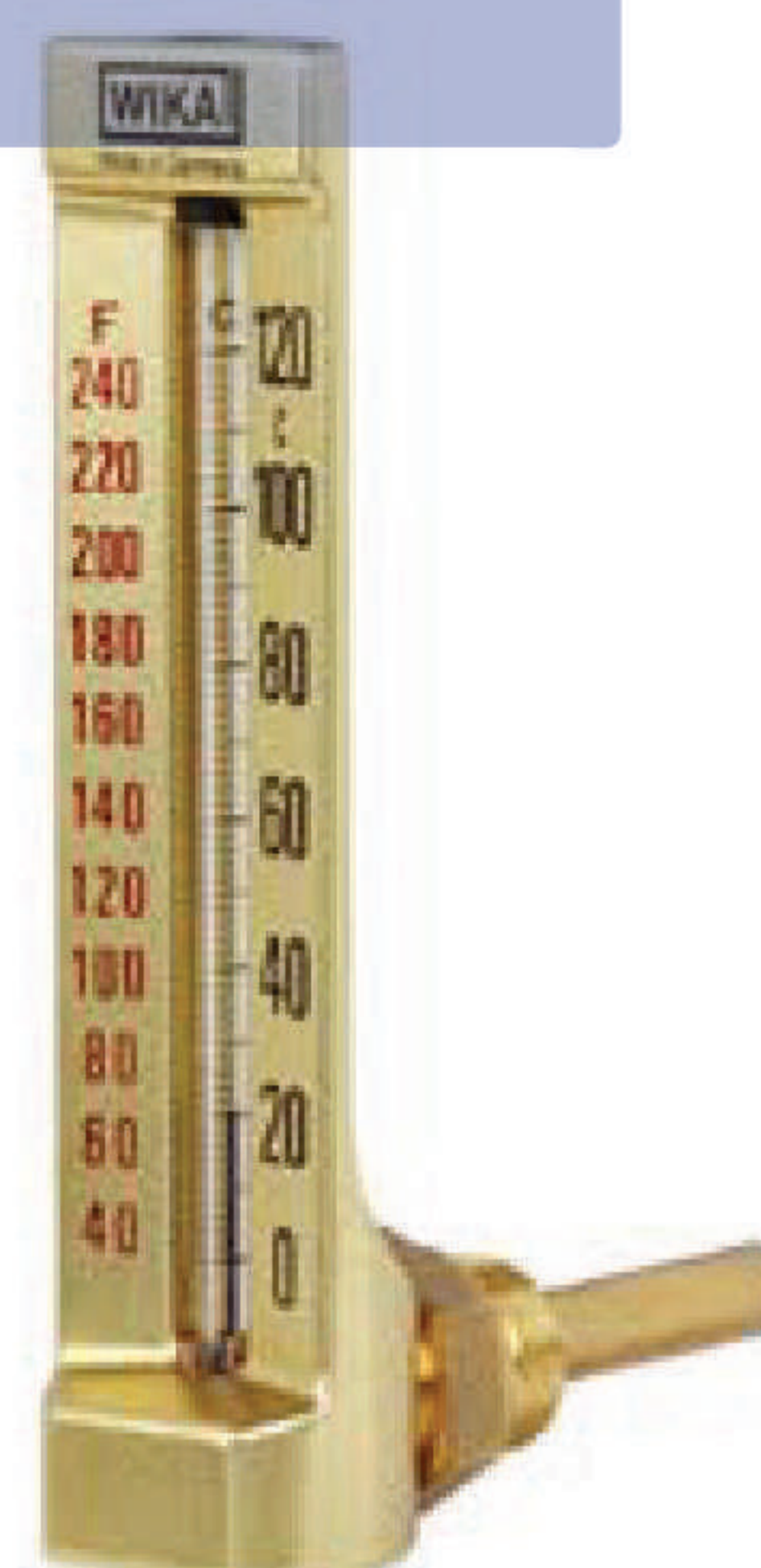
STANDARD SERIES

MODEL 50





Nominal Size: 63, 80, 100, 160mm
 Scale Rang up to: 0...+200 C
 Pressure rating ma.in bar of thermo well
 stemp: 6
 Wetted Parts: Cu-alloy
 Data Sheet: TM50.03


MACHINE GLASS THERMOMETER





Normal Size: 110, 150 and 200mm
 Scale Range up to: -30... +200* c
 Maximum pressure rating in bar: 6 bar
 Wetted Parts: Aluminum, Brass Colored
 Data Sheet: TM32 .02


"A" SERIES-BSP THREAD:FEMALE ADAPTOR		
	CPDE	SIZE
	A-100	1"
	A-150	1-1/2"
	A-200	2"
	A-250	2-1/2"
	A-300	3"
	A-400	4"
	A-600	6"

"A" SERIES-BSP THREAD: MALE ADAPTOR		
	CPDE	SIZE
	B-100	1"
	B-150	1-1/2"
	B-200	2"
	B-250	2-1/2"
	B-300	3"
	B-400	4"
	B-600	6"

"B" SERIES-BSP THREAD: HOUSE COUPLER		
	CPDE	SIZE
	C-100	1"
	C-150	1-1/2"
	C-200	2"
	C-250	2-1/2"
	C-300	3"
	C-400	4"
	C-600	6"

"D" SERIES-BSP THREAD: FEMALE COUPLER		
	CPDE	SIZE
	D-100	1"
	D-150	1-1/2"
	D-200	2"
	D-250	2-1/2"
	D-300	3"
	D-400	4"
	D-600	6"

CHICAGO MALE COUPLING		
	CPDE	SIZE
	UM-06	1/4"
	UM-10	3/8"
	UM-12	1/2"
	UM-19	3/4"
	UM-25	1"

CHICAGO HOUSE - END COUPLING (2 LUG)		
	CPDE	SIZE
	UH-06	1/4"
	UH-10	3/8"
	UH-12	1/2"
	UH-19	3/4"
	UH-25	1"

BRASS PIPE FITTINGS

Brass pipes and fittings are used in commercial water, Steam and Oil and Gas applications.

Brass

pipes and fittings are durable and highly resistant to rust and corrosion.

Spec.: ASTM B 584 Alloy C84400, ASME B16.23

Fittings meet ASTM B 16.15 dimensional Specifications.

Materials meet ASTM B-62 standards

All threads meet ASME / ANSI B1.20.1 standards.

Brand: BOSSINI and NIBCO



TUBE FITTINGS

Double ferrule compression tube fittings provide leak-free performance for the most demanding applications. Tube fittings are commonly used throughout the oil and gas, pulp & paper, petro-chemical/ chemical processing, research laboratories, aerospace and defence, chemical processing, power generation.

AUTOMATIC SPRINKLERS

Pendent type, Upright, Vertical Sidewall, Horizontal Sidewall, Recessed Pendent, Recessed Sidewall and Concealed pendent.

Brass finish and Chrome finish

Temperature Ratings-135* F (57* C), 155* (68* C), 175* F (79* C), 200* F (93* C), 286* F (141* C), 360 F (182 C)

500* F (260* C) Available upon request without approvals



Maximum low temperature glass bulb rating is – 67* F (-55* C)

Brand: GLOBE AND TYCO

ANGLE VALVE

Body: Forged brass
 Standard equipment: Female NPT inlet x male hose thread.
 UL Listed and FM approved



CONTROL VALVES



BUTTERFLY VALVE

Grooved end and flanged butterfly valve with internal Switches, Ductile iron body polymer coated.
 UL listed and FM approved.

* MATERIAL STANDARDS:

- * ASTM B62 bronze or ASTM B16 brass
- * AISI 303/ 316 Stainless Steel trim
- * Buna- N / EPDM diaphragm and seals

DELUGE VALVE

- * UL and ULC Listed, FM approved
- * LPCB
- * NYC MEA No.258-93.E
- * Brand: RELIABLE
- * Brand: ANVIL STAR and TYCO

SPECIFICATIONS:

- * ANSI Class 150 Class 300 Flanges
- * Drilled to ISO PN 10 / PN 16 / PN 25 /
- * PN 40 Standards

Brand: SINGER and Watts

FLOAT VALVES

Body: Ductile Iron, Fusion bonded Epoxy Coated
 SS 316 stem and seat resilient Disc.

KEY FEATURES:

- * Maintains relatively constant level
- * Automatic compensation for level draw-down
- * Standard Integral damping reduces hunting
- * Low Supply pressure options
- * Float Ball: Stainless Steel, Copper and Plastic.

PRESSURE REDUCING & PRESSURE RELIEF VALVE

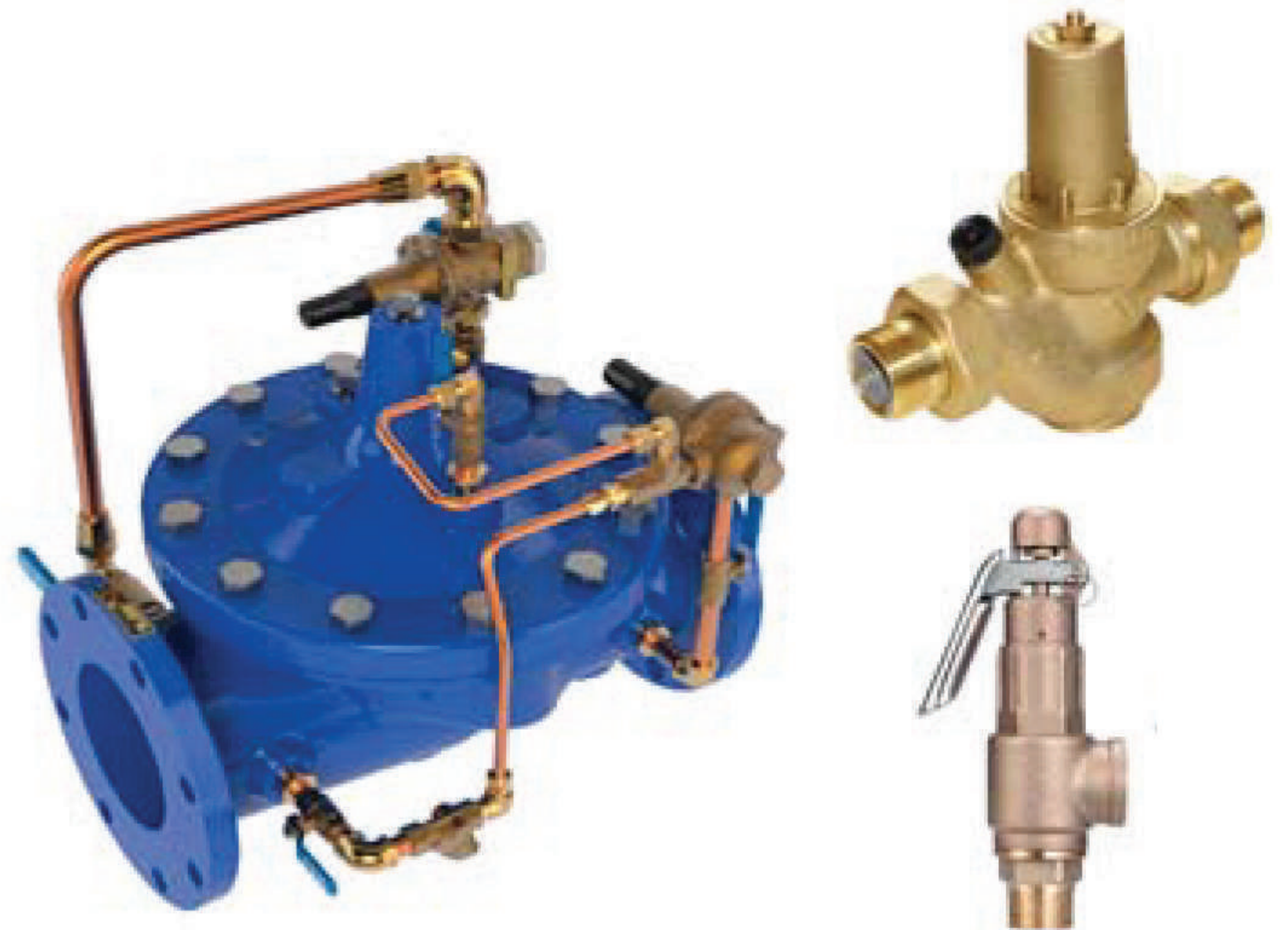
Globe and Angle style, Full port and reduced port.

PRESSURE REDUCING & PRESSURE RELIEF VALVES

Pressure reducing valve reduces the pressure of the water that goes through it, and is used to obtain a regulated and constant value at its outlet.

Pressure or Vacuum relief valve is to protect life and property by venting process fluid from an over pressurized vessel or adding fluid (such as air) to prevent formation of a vacuum strong enough to cause a storage tank to collapse.

Mfr: WATTS, SWINGER



AUTOMATIC AIR VENTS

Air vent for hot or cold water distribution systems.

These vents purge air that may be in the water system

FEATURES

- * Body and cover are brass construction
- * Air vent with silicone rubber seal
- * Float is high temperature resistant polyethylene
- * Suitable for use with glycol system

Mfr.: WATTS

WATER HAMMER ARRESTORS

Designed to protect residential, commercial and Industrial water lines during pressure surges following quick valve closure.

Body material: Copper Tube and Stainless Steel

BRAND: ZURN, WATTS, PPP





BOLTS NUT & WASHER

SIZE: 4 MM TO 33 MM

MATERIALS

STAINLESS STEEL

GALVANIZED STEEL

PIPE NIPPLES

SIZE: 1/4" TO 4"

MATERIALS

STAINLESS STEEL

BLACK STEEL

FORGED STEEL

GALVANIZED STEEL



GASKETS

Type of Gaskets

RUBBER GASKETS

NON ASBESTOS GASKETS

SPIRALWOUND GASKETS

TRI-STEEL GASKETS

SPECIFICATION

ANSI & DIN STANDARD

1/2 TO 28"

FIRE & SAFETY EQUIPMENTS

SAFETY WEARS

FIRE CABINET & HOSES

FIRE HYDRENT





DRAINAGE

Types of materials

- ROOF DRAIN
- FLOOR DRAIN
- CLEAN OUT
- MANHOLE COVER

SANITARY FITTINGS

Types of fittings

- SHOWERS
- WATER HEATER
- BATHROOM WARE

MAJOR SUPPLIERS

- GROHE
- SAUDI CERAMIC



FINISHING MATERIAL

Types of materials

- ALL TYPES OF PAINTS
- PAINTING ACCESSORIES

MAJOR SUPPLIES

- JOTUN
- DYRUP

RUBBER CLAMP



EPM RUBBER INSULATION
SIZE RANGE
3/8 " TO 8"

CLEVIS HANGER



LIGHT & HEVYDUTY CLAMPS
SIZE RANGE
1/2 " TO 18"

SWIVEL HANGER



MATERIAL: CARBON STEEL
SIZE RANGE
1/2 " TO 8"

U - STRAP



MATERIAL: STEEL
SIZE RANGE
1/2 " TO 8"

U BOLT WITH NUT



6 MM TO 20MM
SIZE RANGE
1/2 " TO 18"

HOSE CLAMP



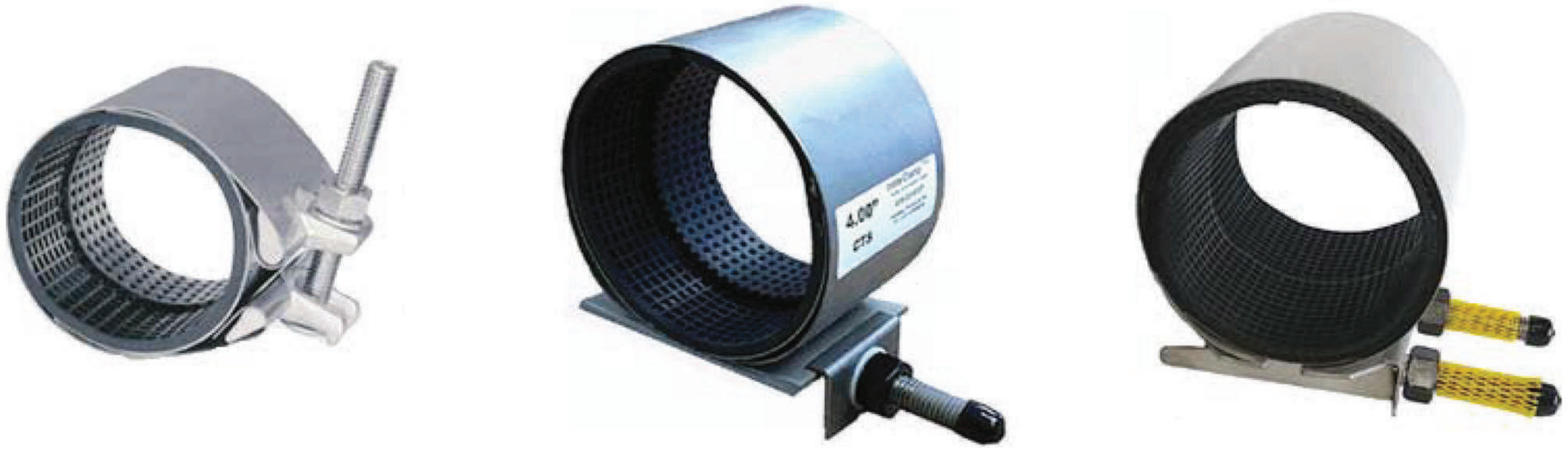
MATERIAL: STAINLESS STEEL
SIZE RANGE
1/4 " TO 8"

MAXIFIT COUPLING



MATERIAL LIST

No	Parts Name	Material	Specification
1	Centre Sleeve	Carbon Steel	S235JR
2	End Ring	Ductile Iron	GGG500
3	Rubber Steel	Rubber	EPDM
4	Bolt	Dacromet Coated Steel	ISO898-1:1999
5	Washer	Dacromet Coated Steel	
6	Nut	Dacromet Coated Steel	ISO898 - 2:1992
7	Cap	Plastic	



Component / Material	M1	M2
Skin	304-304L	316-316L
Bridge Plate	304-304L	316-316L
Junction Plate	304-304L	316-316L
Lugs	304-304L	316-316L
Locking Plate	304-304L	316-316L
Bolt & Nut	304-304L	316-316L
EPDM (Ethylene Propylene Diene Monomer) Sealing Rubber	T:20°C+120°C	Medium: Available for water, air solid and chemicals
NBR (Nitrile – Butadiene Rubber) Sealing Rubber	T:20°C+80°C	Medium: Available for water, Gas, Oil and other hydrocarbon
SBR (Styrene Butadiene Rubber) Sealing Rubber	T:30°C+100°C	Medium: Available for water, Gas, Oil and other hydrocarbon

- Refer to AS4181-2013
- Enterprise Standard Q/DZH 0001-2015
- Design and type selection

Installing an FSI all Stainless Steel Repair Clamp

Back off nuts to end of bolts, but DO NOT remove them, Separate Clamp and warp it around the pipe by holding the Lifter bar and Bolts above the pipe and sliding the receiver

section under the pipe. Bring the lifter bar and receiver section together at a convenient position on top of the pipe.

Slide the lifter bar up the receiver lugs and snap into place, spin one of the nuts hand tight.

Tighten all nuts evenly with incremental torque settings, Up to the recommended torque.



No	Part Name
1	Sleeve
2	Pipe
3	Gland
4	Ring
5	Stud



Material Specification

Bolt & Nuts	Zinc Plated Hot Dip Galvanized or Stainless Steel	BS 729 :1971, ISO 1461
Sleeve	Ductile Iron	BS 2789 :1985, Grade 420/12
Gland	Ductile Iron	BS 2789 :1985, Grade 420/12
Rubber Gasket	SBR, EPDM, or other	BS 2494 :1990, Type W
Coating	Fusion Bonded Epoxy or Epoxy Coat	Minimum 250 um Thick

Flanged Type ANSI & DIN Standard Material of each Components

No	Name	Material
1	Outer / Inner Rubber	NR.NBR.EPDM
2	Key Frame	Nylon cord Fabric
3	Pressurized Ring	Steel wire strand
4	Flange	Q235



TECHNICAL CONDITION

Type	JGD-1	JGD-2	JGD-3
Mpa (kg.f/cm ²) Working Pressure	1.0(10)	1.6(16)	2.5(25)
Mpa (kg.f/cm ²) Explosion Pressure	3.0(30)	4.8(48)	5.5(55)
Kpa (mmHg) Vaccum	53.3(400)	86.7(650)	100(750)
Applicable Temperature C	-15~115, (-30~250 under special conditions)		
Applicable Media	Air, compressed air, water, sea water, hot water, oil, acid, alkali, and so on		



THREAD CONNECTION RUBBER JOINT

MATERIAL OF EACH COMPONENTS

No	Name	Material
1	Outer / Inner Rubber	NR.NBR.EPDM
2	Key Frame	Nylon cord Fabric
3	Pressurized Ring	Steel wire
4	Thread woggle joint	Forged cast iron



TECHNICAL CONDITION

Working Pressure	1.6 Mpa (16kg.f/cm ²)	Deflexion angle	(a.+a)45
Explosion Pressure	4.8 Mpa (16kg.f/cm ²)	Vaccum	53.3 Kpa(400mmHg)
Applicable Temperature C	-15~115.(For special conditions) it can be-30~250		
Applicable Media	Water, sea water, hot water, air, compressed air, oil, acid, alkali, and so on		





DI ELECTRICAL UNION



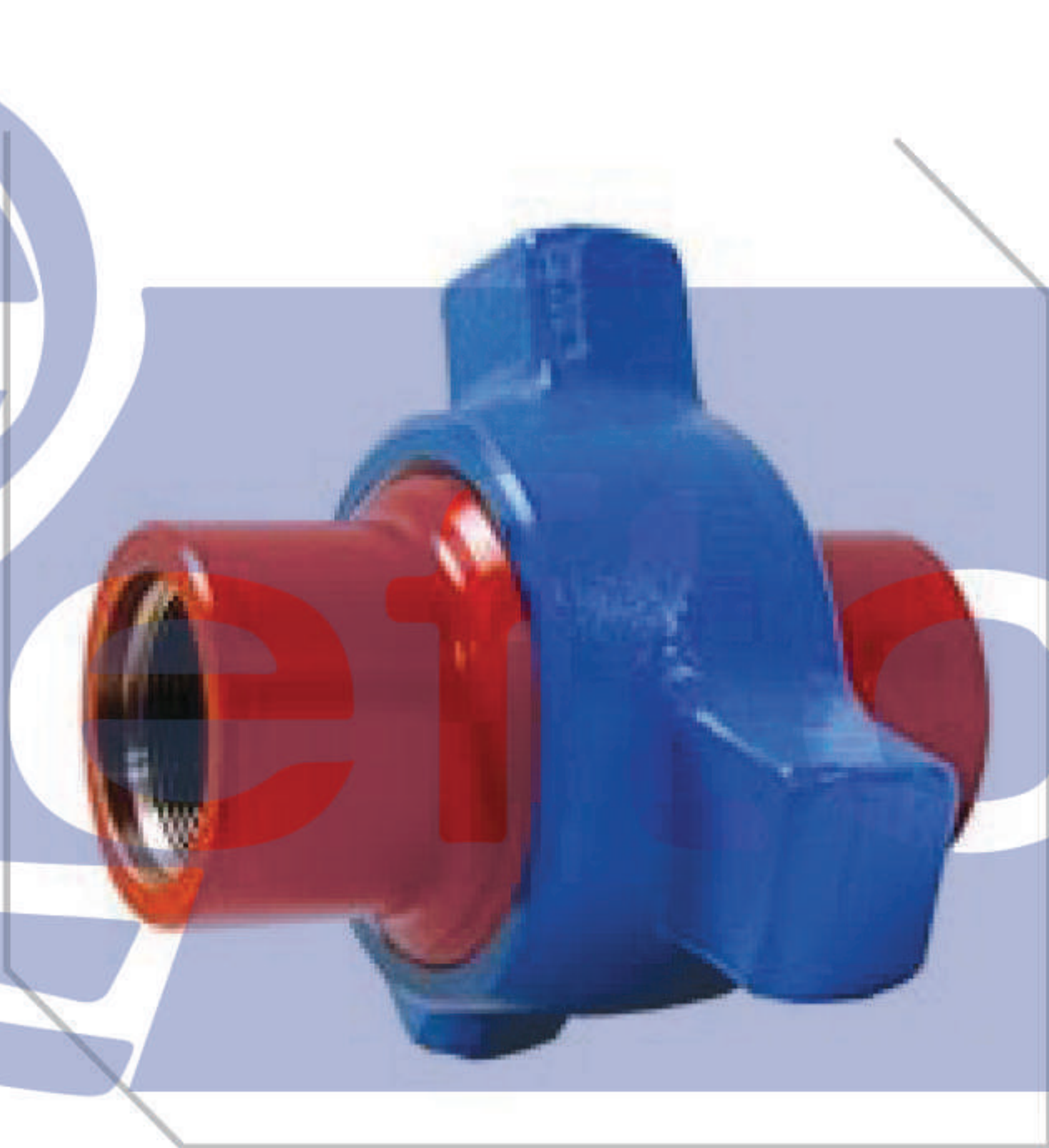
TEST PLUG



DOWN SPOT NOZZLE



SURFACE BOX



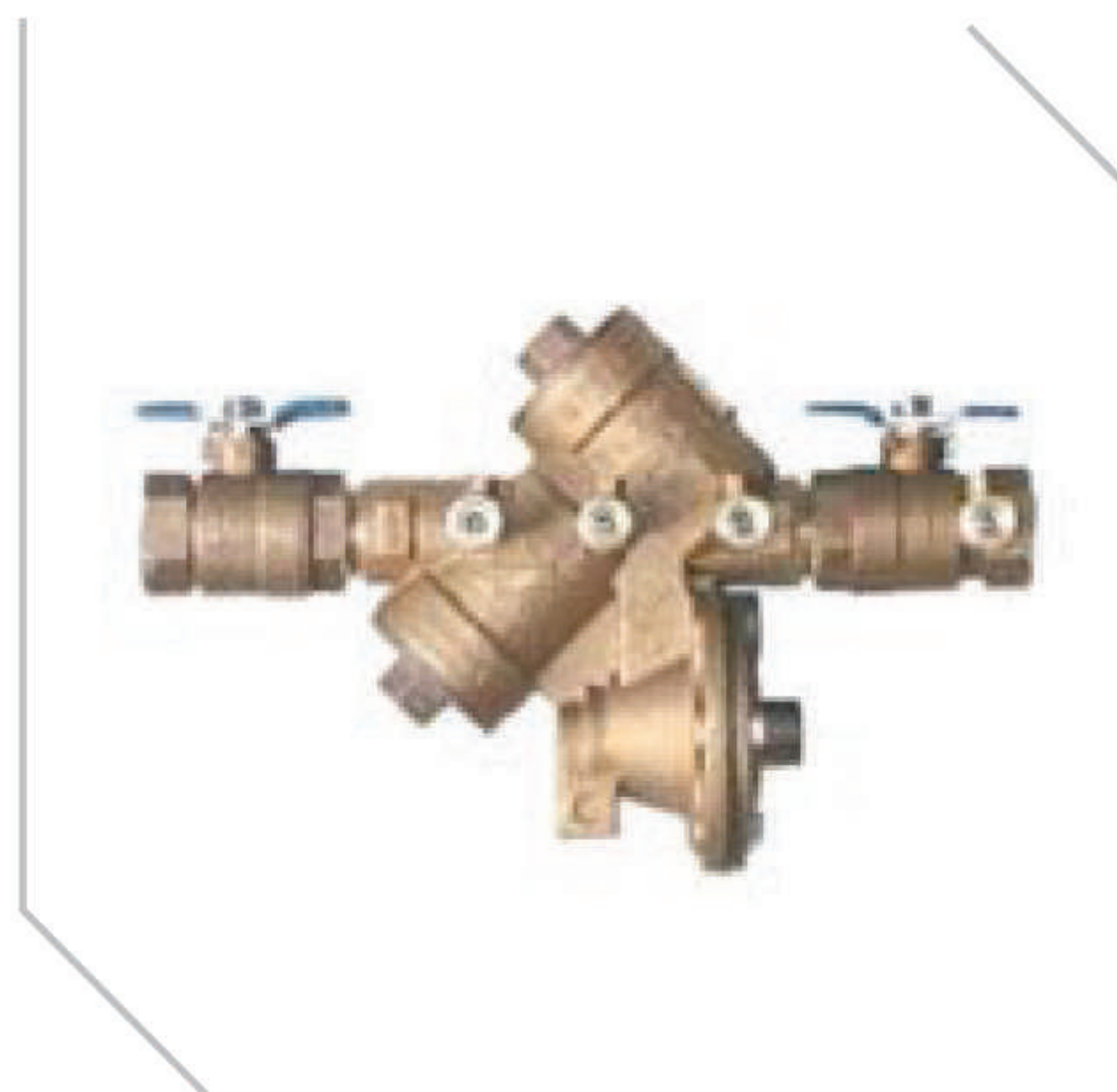
HAMMER UNION



WELDING ROD



FLOW SWITCH



BACK FLOW PREVENTER



NO - HUB COUPLING

OUR CALIBRATION DEPARTMENT



Accurate Calibration Lab

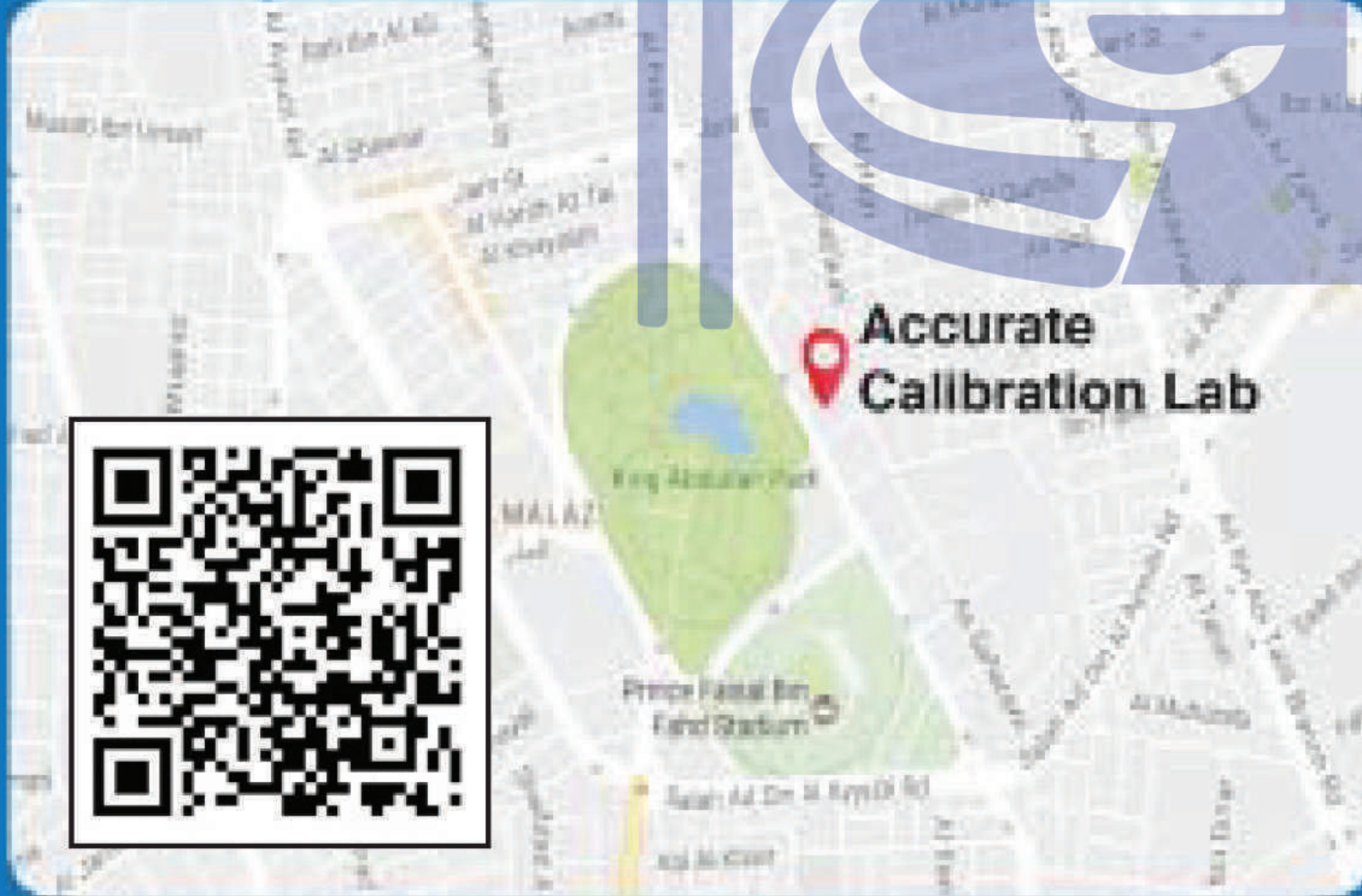
مختبر المعايرة الدقيقة

العنوان: الرياض - حي الملز - شارع الأمين عبدالله العلي النعيم - مقابل ملعب الملز

Riyadh, Al Ameen Al Ali Naeem Street, Front of Malaz Stadium

Mob: 0535001208: جوال Tel: 011 4723996: تليفون Email: ac Riyadh@gmail.com

Showroom Location



We provide Calibration Services in:

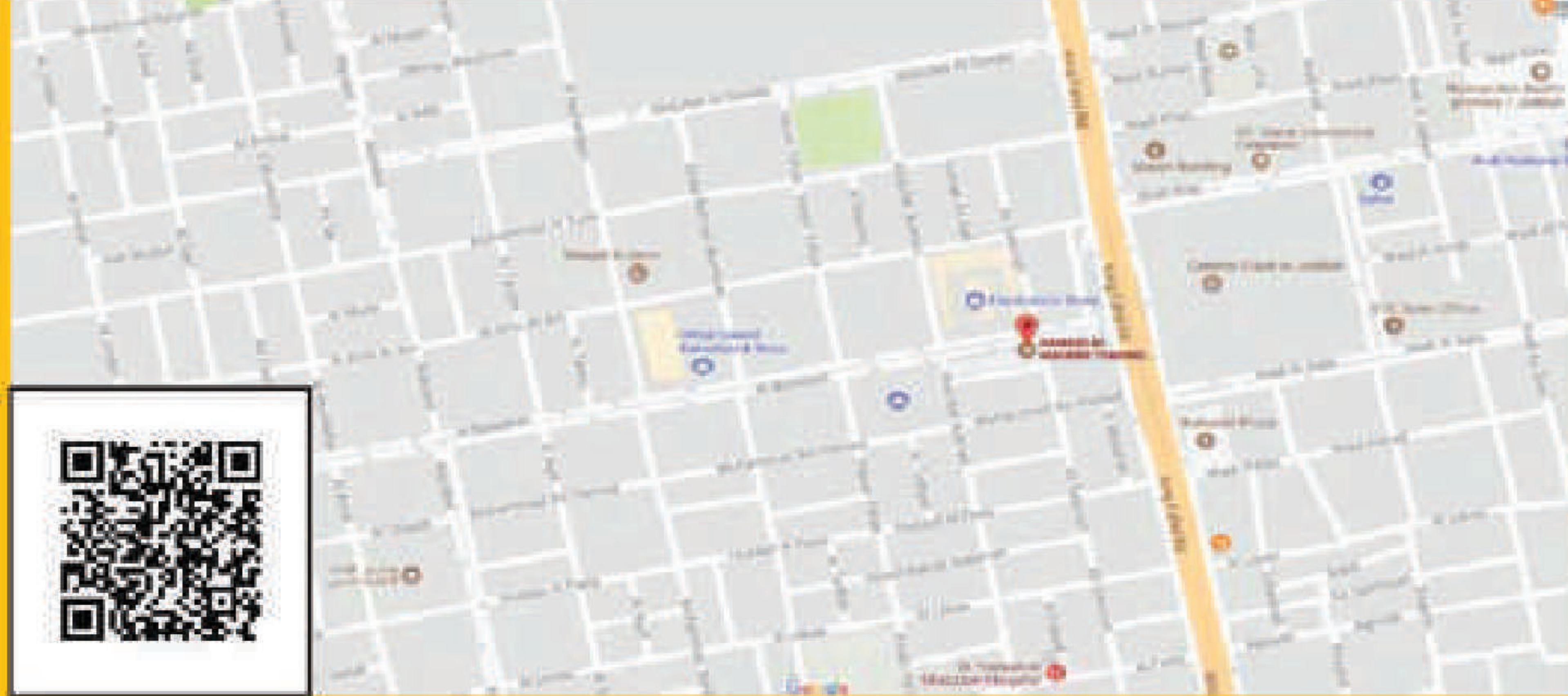
نحن نقدم خدمات المعايرة في:

Dimension Calibration	معايرة البعد
Hardness Calibration	معايرة الصلابة
Torque Calibration	معايرة العزم
Force Calibration	معايرة القوة
Pressure Calibration	معايرة الضغط
Temperature Calibration	معايرة الحرارة



WIKAL

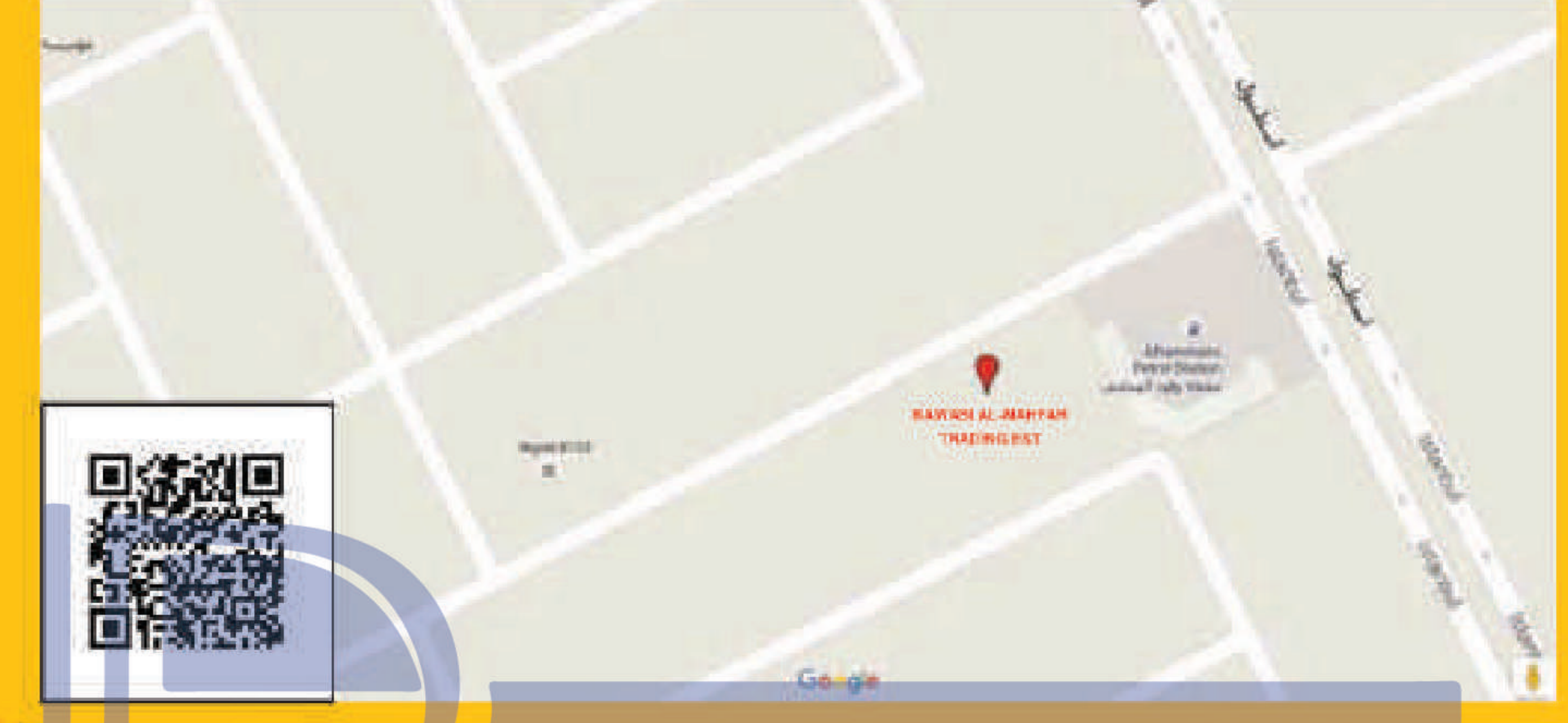
JEDDAH LOCATION



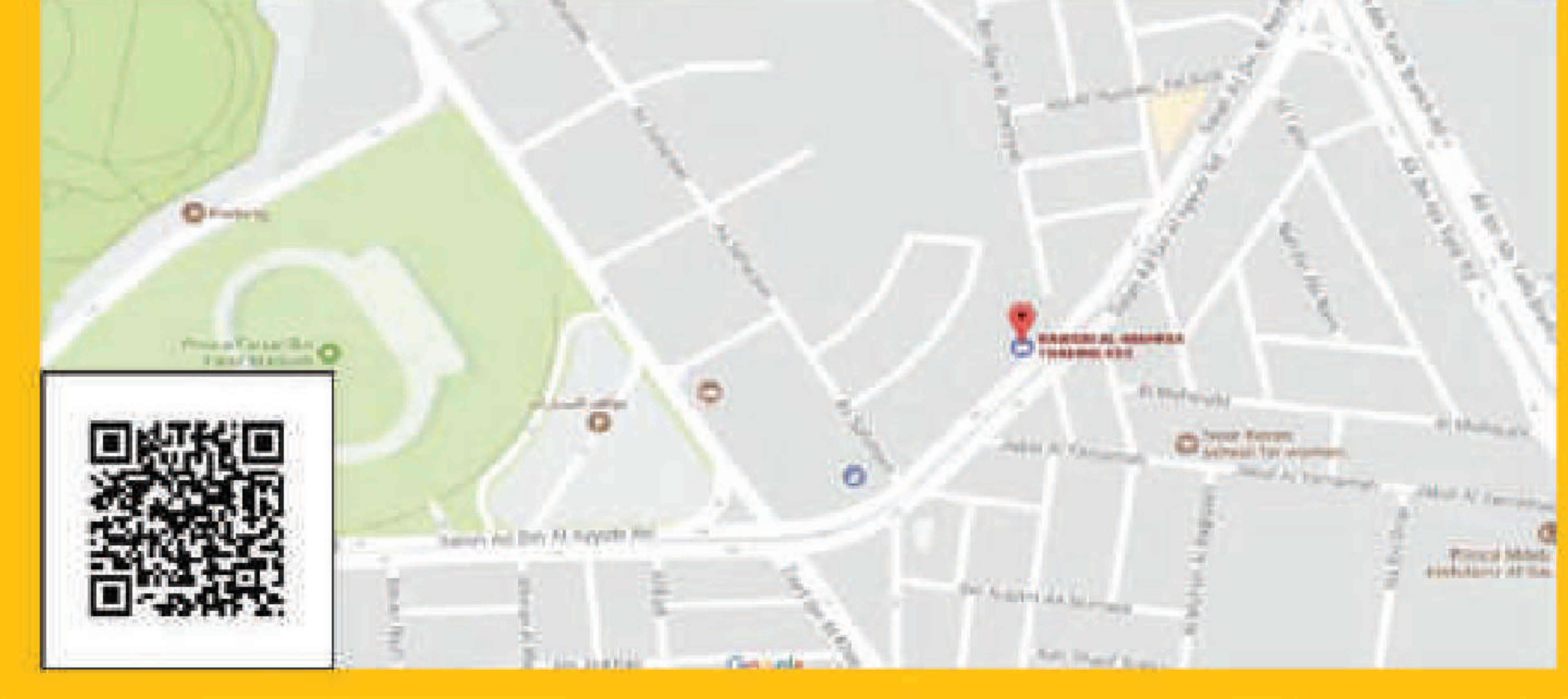
AL KHOBAR LOCATION

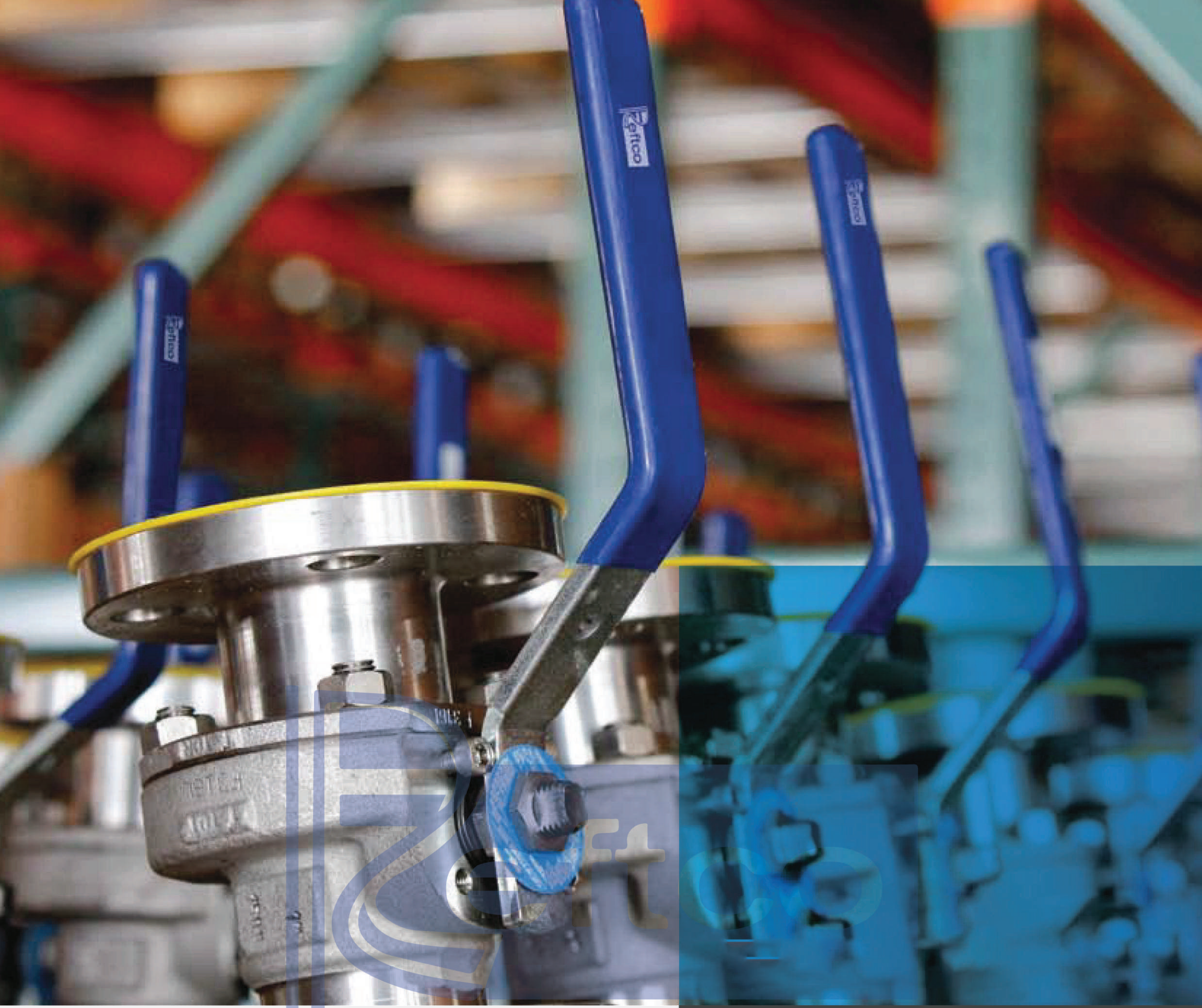


WAREHOUSE LOCATION



RIYADH LOCATION





معرض الرياض

حي الملز، طريق صلاح الدين الايوبي

هاتف: ٠١١٤٧٢٤٢٢٨ / ٠١١٤٧٢٤٢٢٥ / ٠١١٢٠٦٢٦٠٦

فاكس: ٠١١٢٠٦٢٦٠٧

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