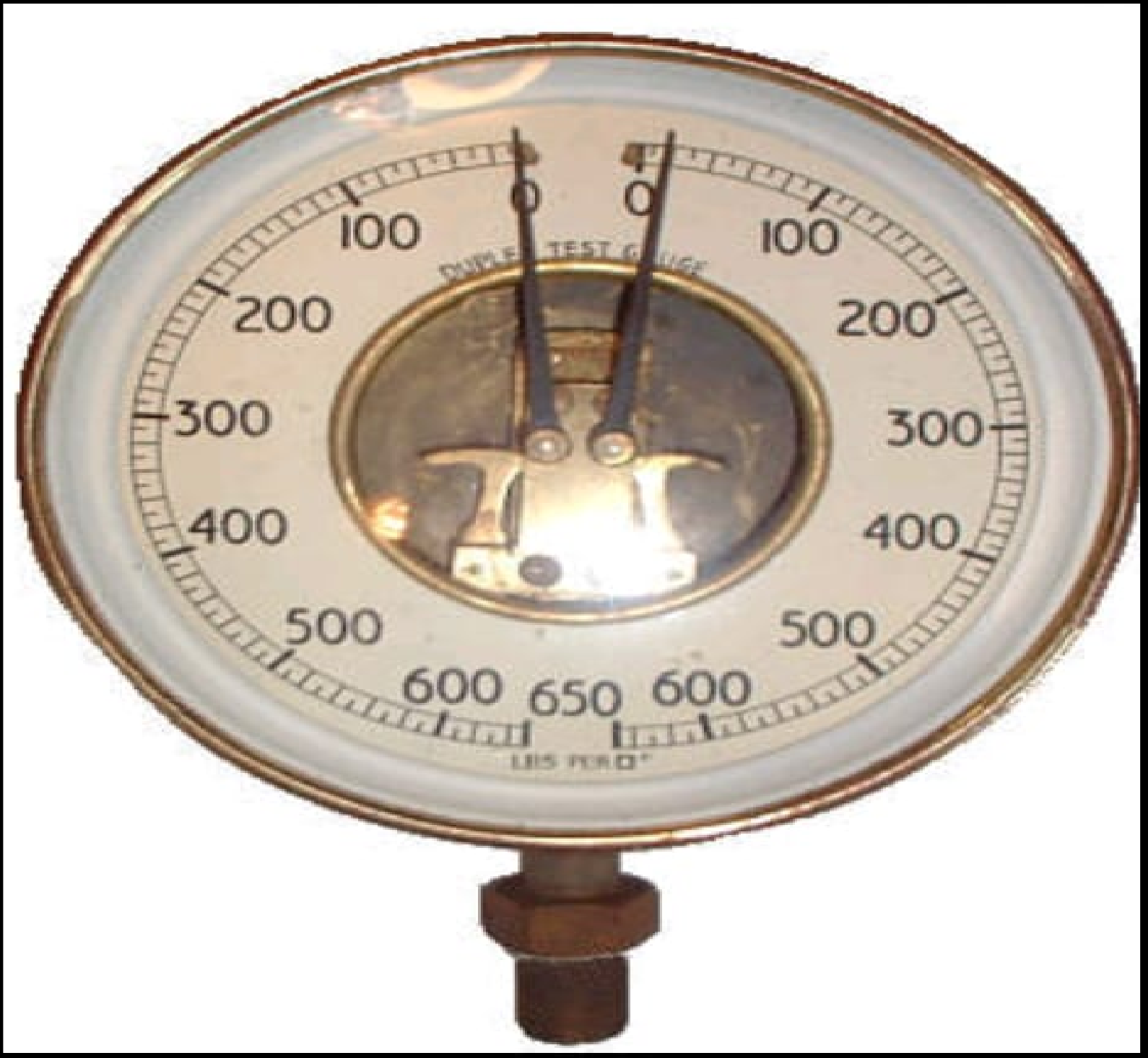
center-to-center mounting dimens



floting mobri

team Columns as well as
ll & Miller 193, 194, & 157

E 53% 8:54 AM
Photos (6/125)



Delete Send Property








计量确认合格
No: LS2006J176
0.01mm
0—25mm





Steam cock
Main blowdown v/
Feed check v/v
Led plug
Steam enjector
Water cock
Countr sunk rivit


Plug cock
Non retrn v/v
(NRV)
Combine feed
check valve
Boiler side
flanged

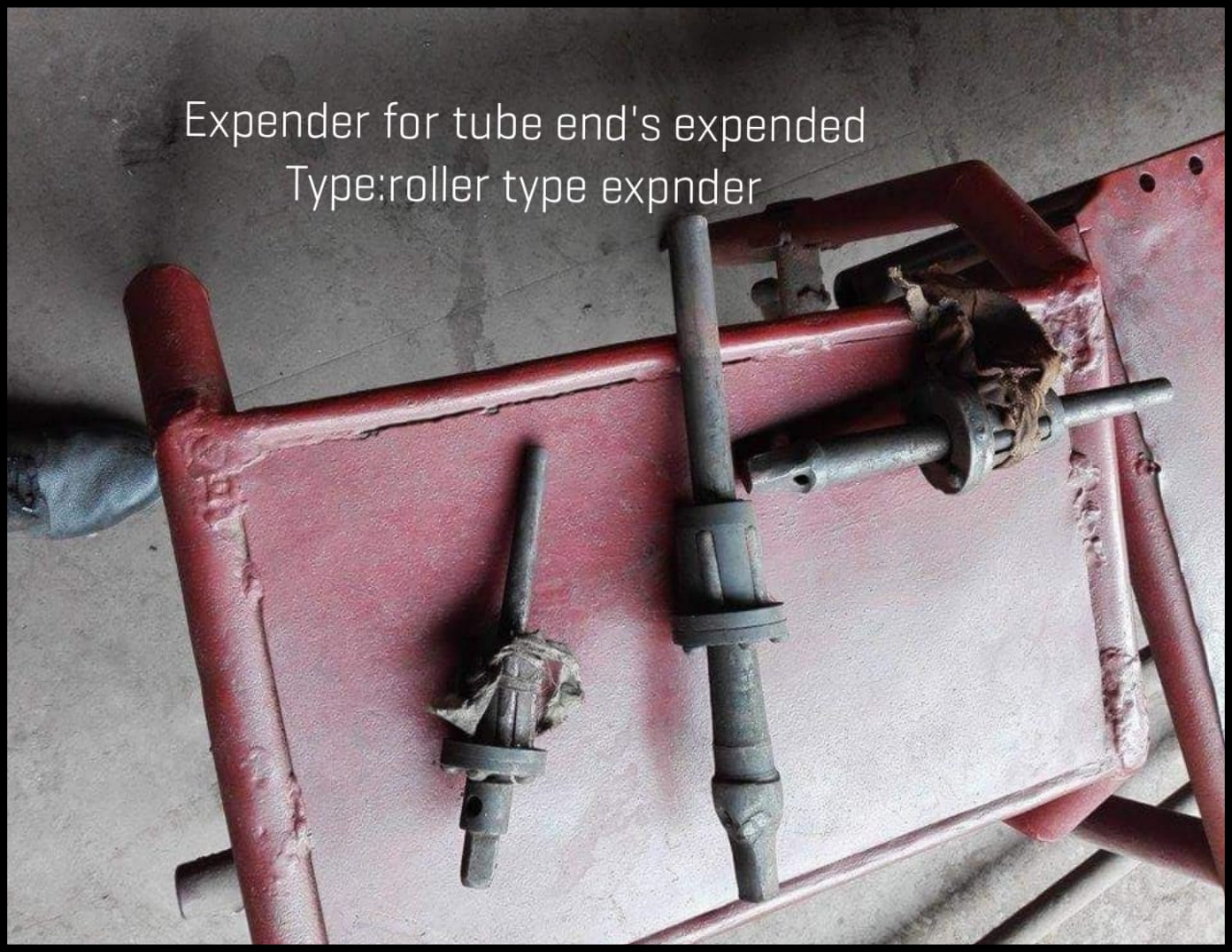




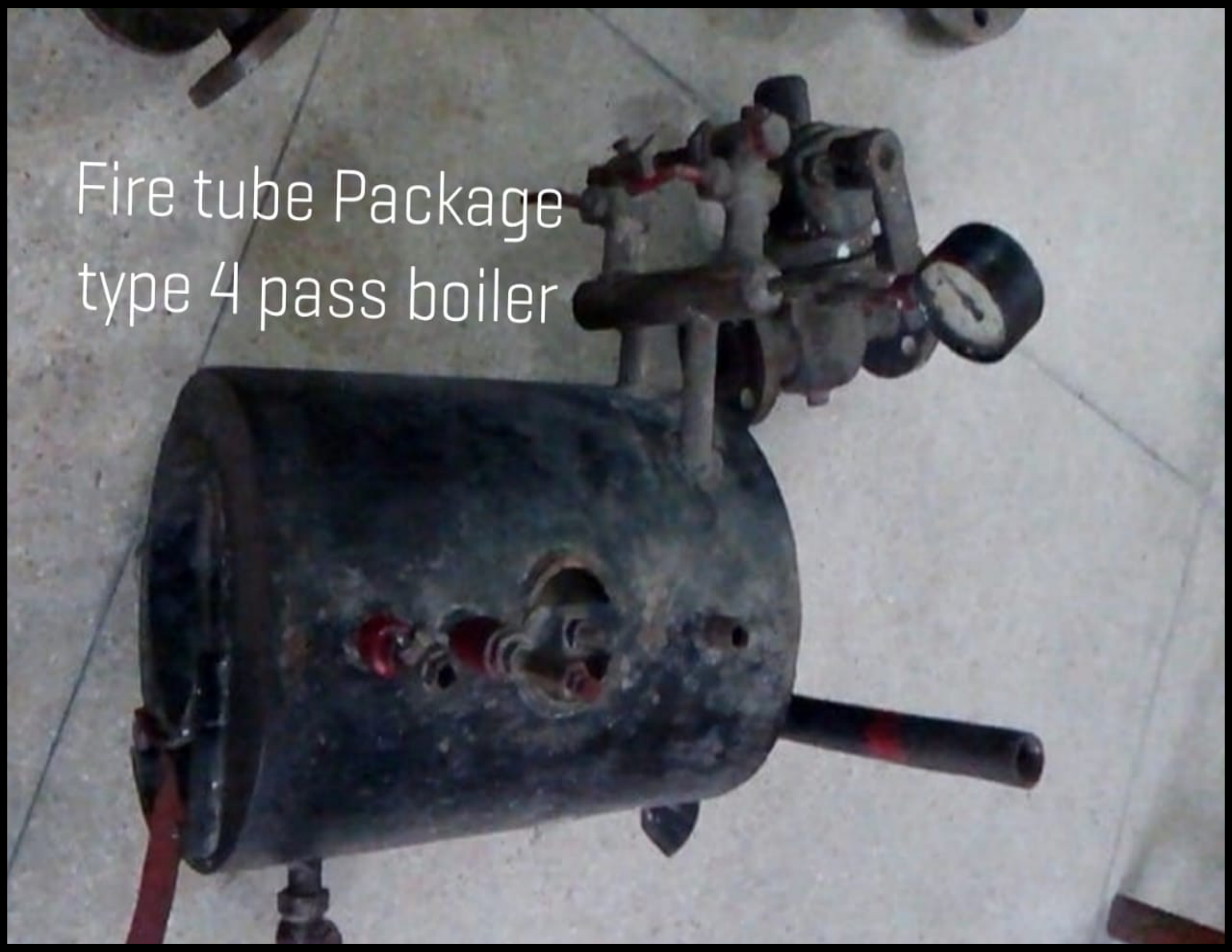

Deflector plate




Water tube D-type
boiler dble drum

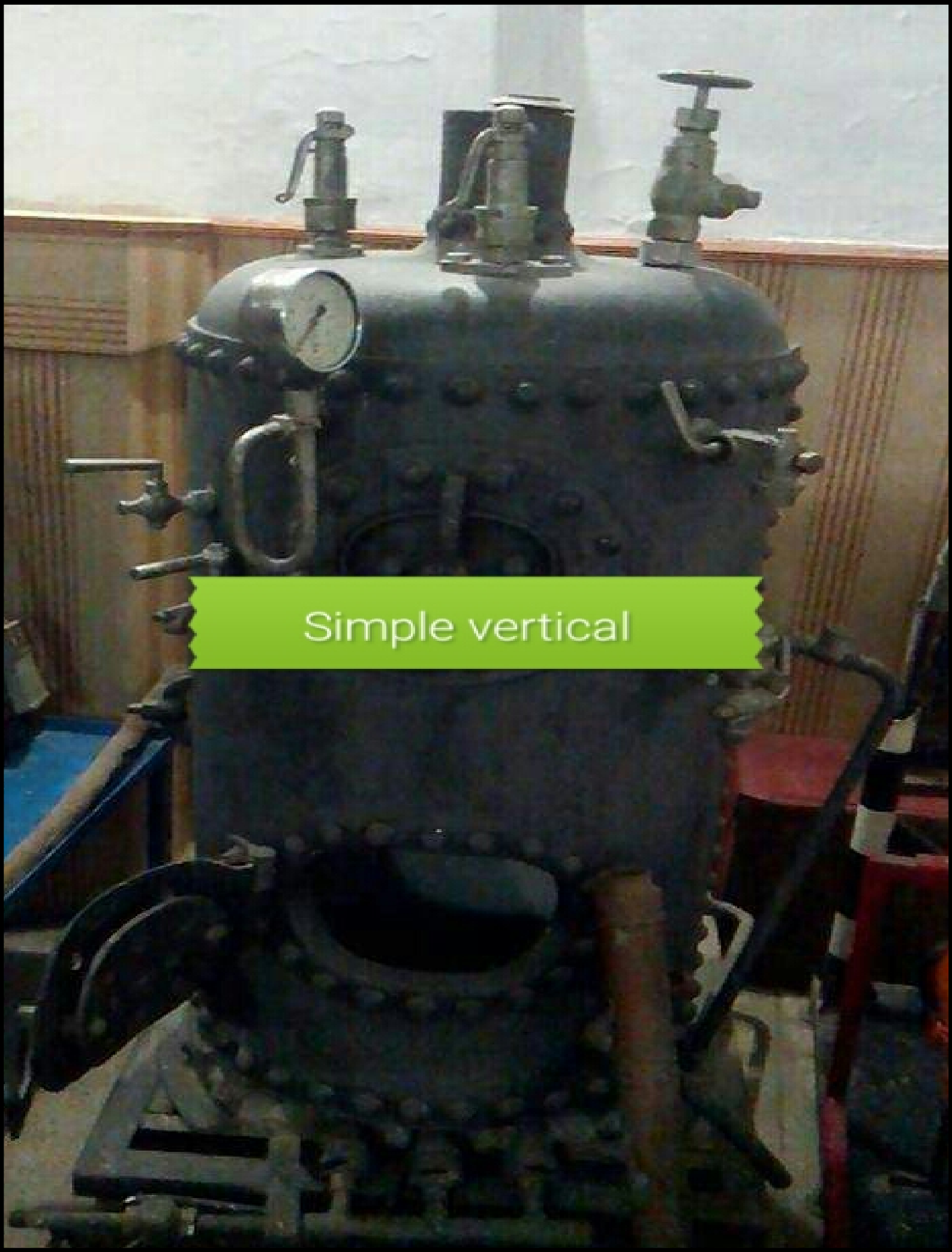

Expender for tube end's expended
Type:roller type expnder

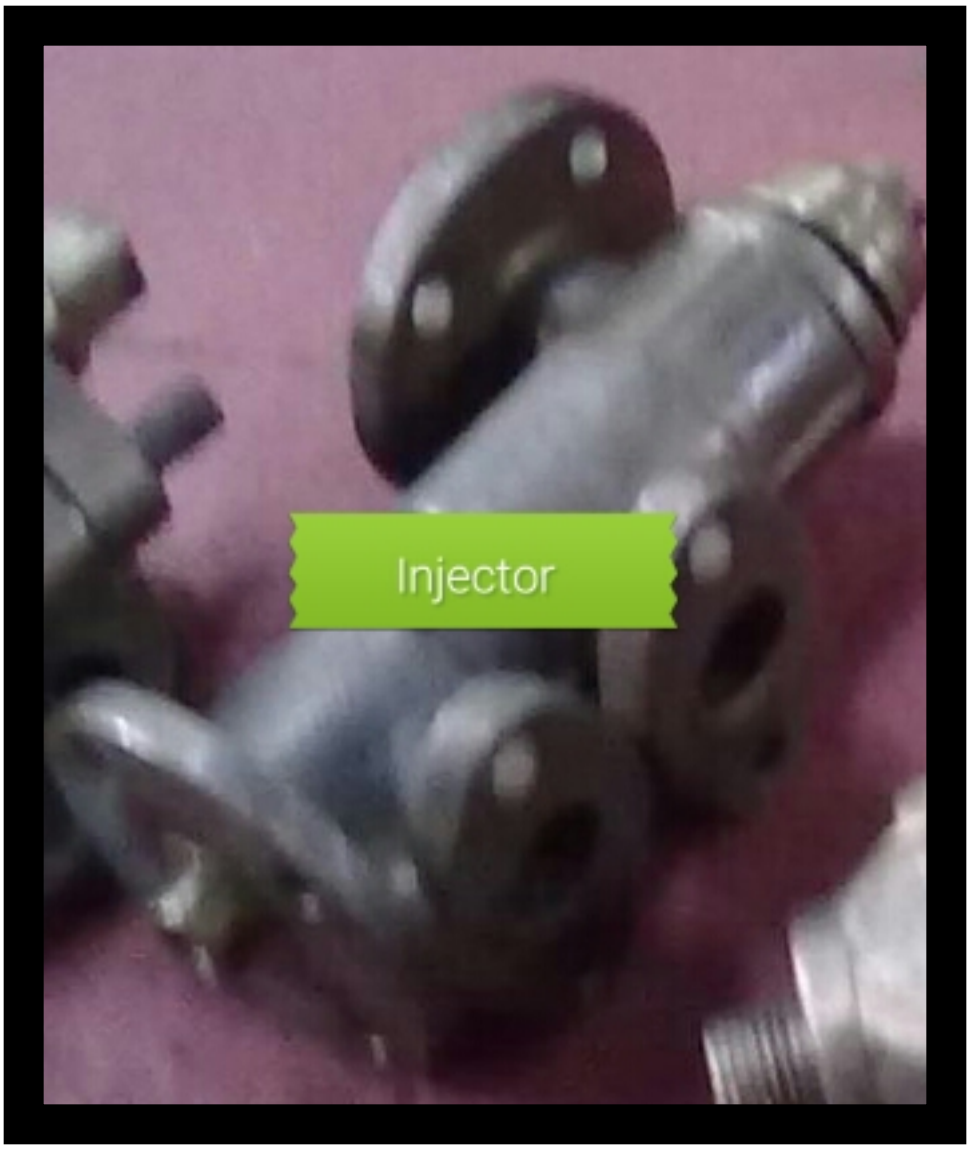

Lanca-shire boiler
no.of 02 main flue
Simple
vertical boiler
or
Dry boiler

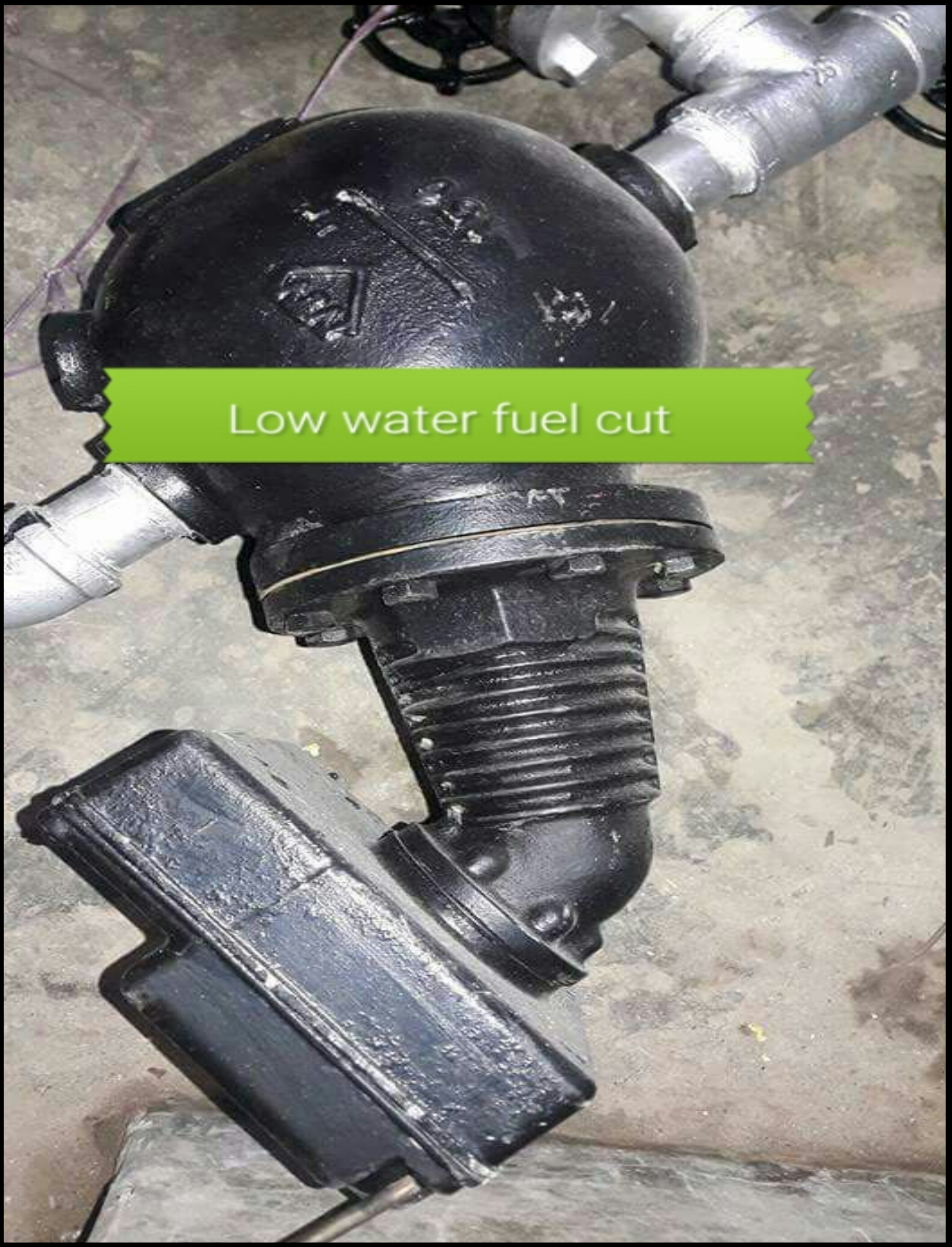

Fire tube Package
type 4 pass boiler


Locomotive fire tube boiler


DN
16
SPIRAX SARCO
1"
TVICHP
Steam trap


Simple vertical

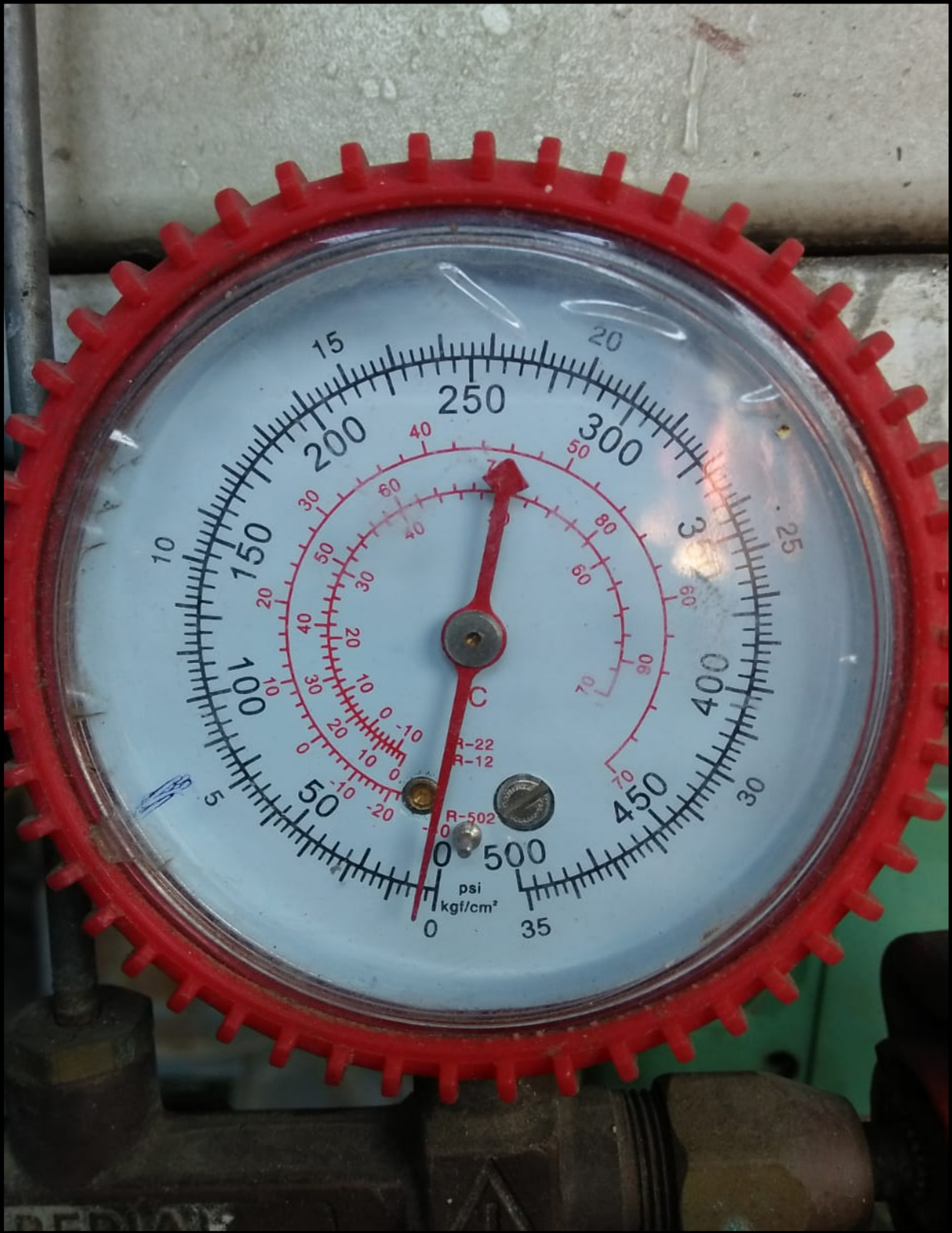

Injector


Low water fuel cut

H+ 3G 69% 11:10 AM




Rivits


psi
kgf/cm²
C
R-22
R-12
R-502



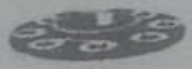






PICTORIAL INDEX

TUBE-TURN Welding Fittings and Flanges

 90° ELBOWS Long Radius	 ECCENTRIC REDUCERS	 WELDING NE FLANGES
 90° ELBOWS Long Tangent One End	 CAPS	 SLIP-ON FLAN
 90° REDUCING ELBOWS Long Radius	 LAP JOINT STUB ENDS	 LAP JOINT FLA
 3R ELBOWS 45° and 90°	 LATERALS Straight and Reducing Outlet	 THREADED FLA
 90° ELBOWS Short Radius	 SHAPED NIPPLES	 BLIND FLAN
 45° ELBOWS Long Radius	 SLEEVES	 SOCKET T WELDING FL
 180° RETURNS Long Radius	 SADDLES	 REDUCING FL
 180° RETURNS Short Radius	 FULL ENCIRCLEMENT SADDLES	 ORIFICE FL
 TEES Straight and Reducing Outlet	 WELDING RINGS	 LONG WELDIN
 CROSSES Straight and Reducing Outlet	 HINGED CLOSURES	 LARGE DIA FLAN
 CONCENTRIC REDUCERS	 T-BOLT CLOSURES	 ANCHOR F

Choco Nut
Milk Chocolate
Choco Strawberry Break
Milk Chocolate
DO NOT STACK MORE THAN 4 CONTENT

Disk holder


Bonut


Blow back
adjusting ring


Choco Nut
Safty Volve Body


jstiansheng.en.ali






3
4
2
1


PN16


Feed check and
Plug cock



Cochran boiler (fire tube)


Fire tube wet back boiler
Water lig



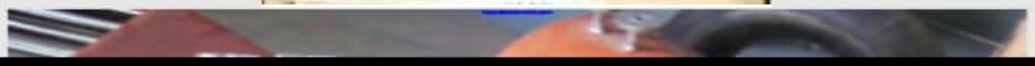
Jazz
Ufone
60B/s NFC 4G 2G 22% 12:50 PM









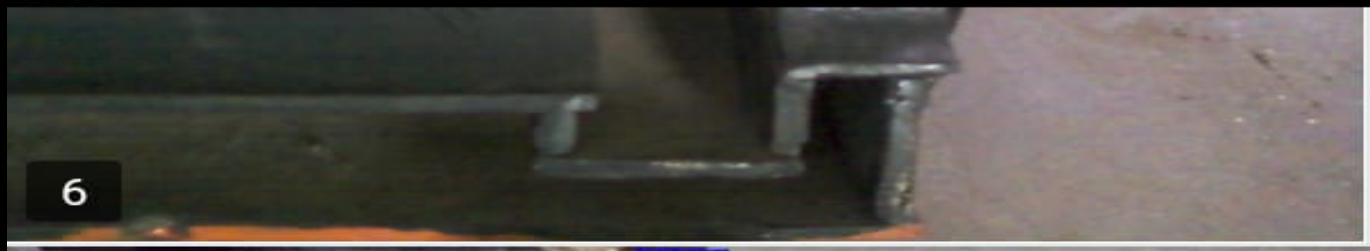


https://boilersinfo.com




https://boilersinfo.com

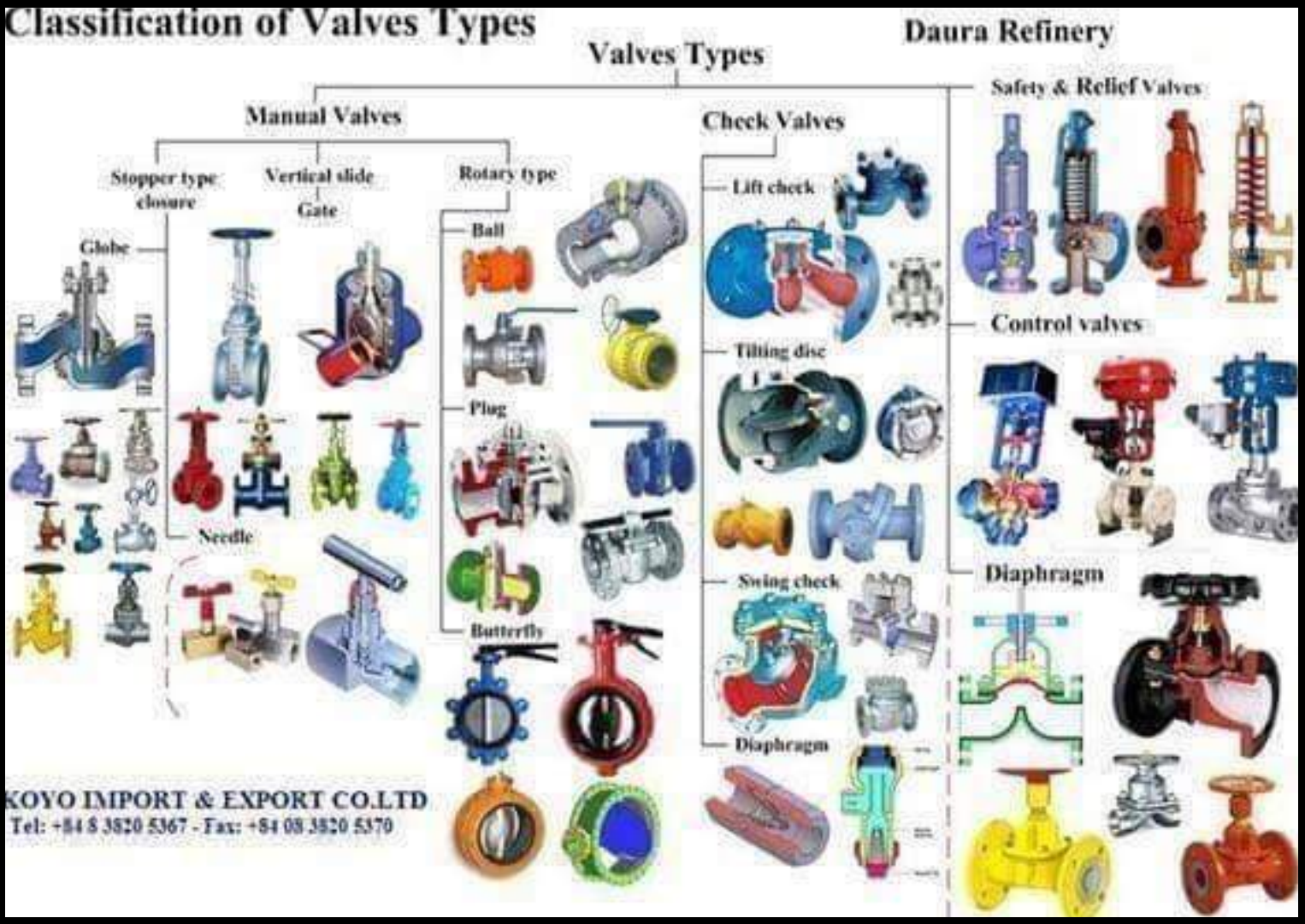
Jazz
Ufone
203B/s NFC 4G 2G 22% 12:51 PM










Classification of Valves Types
Daura Refinery
Valves Types
Manual Valves
Stopper type closure
Globe
Vertical slide
Gate
Needle
Rotary type
Ball
Plug
Butterfly
Check Valves
Lift check
Tilting disc
Swing check
Diaphragm
Safety & Relief Valves
Control valves
Diaphragm
KOYO IMPORT & EXPORT CO.LTD
Tel: +84 8 3820 5367 - Fax: +84 08 3820 5370


Plug cock
Non retrn v/v
(NRV)
Combine feed
check valve
Boiler side
flanged

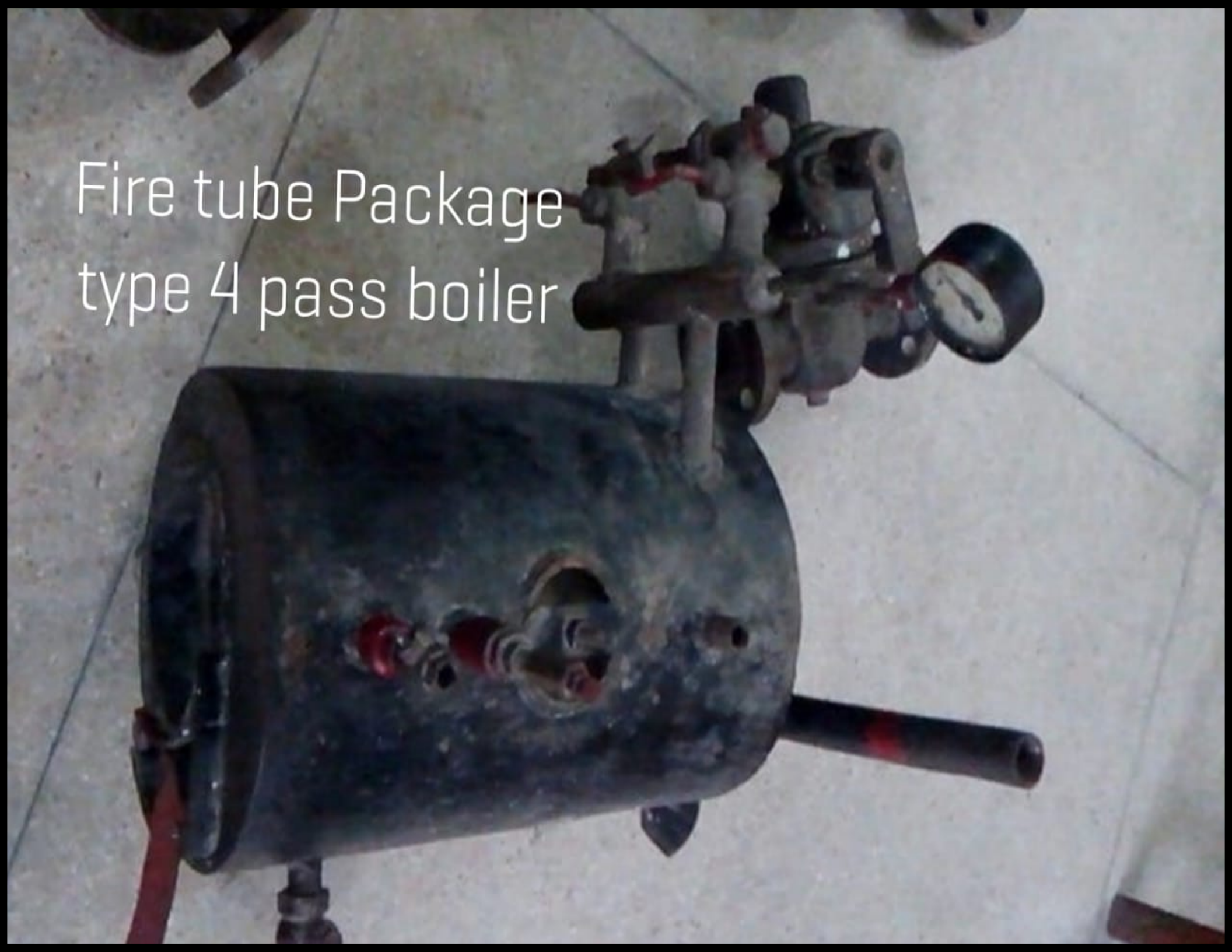

Centrifeugal pump impeller


Safety v/v spring loaded typr
Stop valve
Steam cock
Water cock
Simple vertical boiler


Rimz-bottom safety
valve
types of Supring
loaded safety valve




Lanca-shire boiler
no.of 02 main flue
Simple
vertical boiler
or
Dry boiler

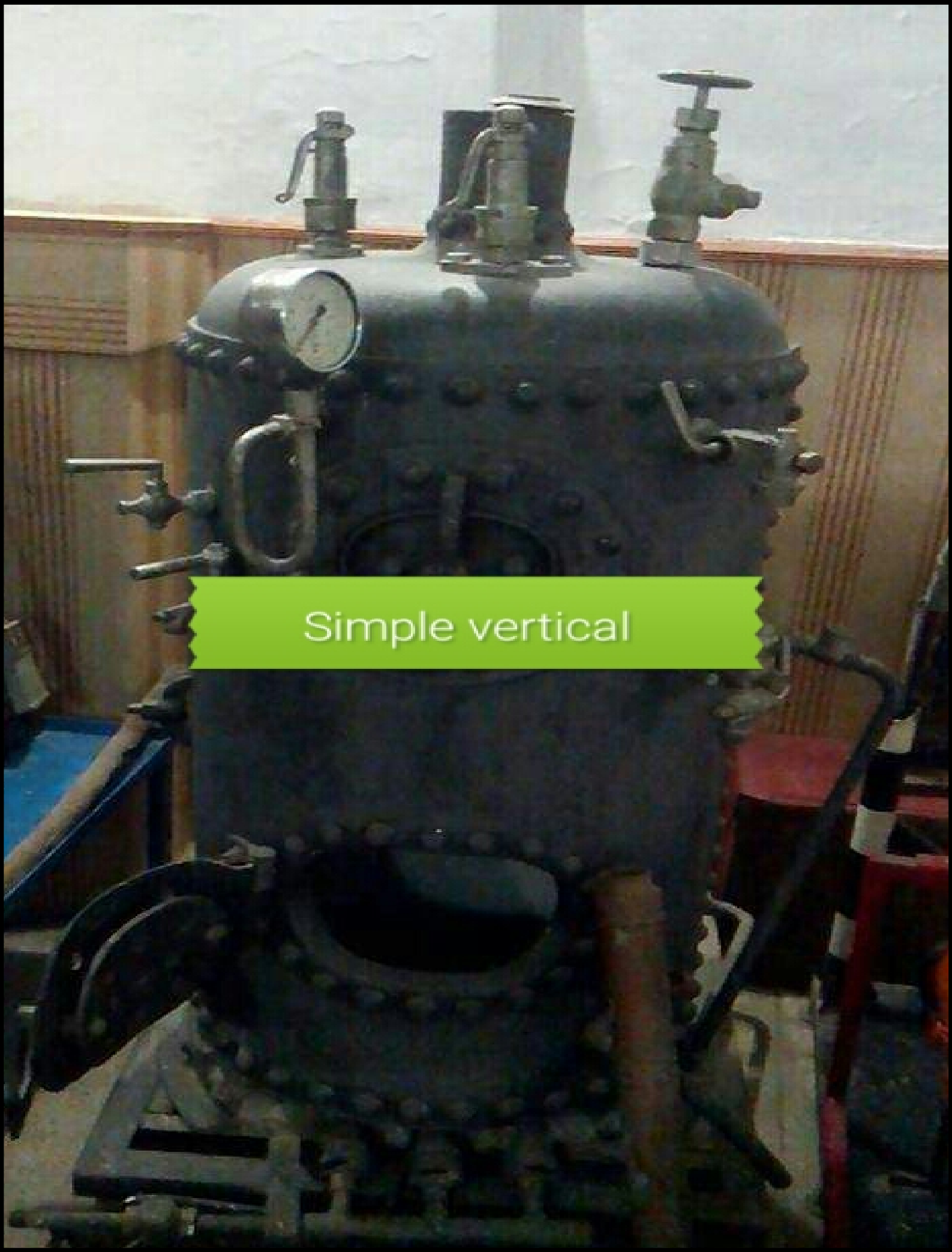

Fire tube Package
type 4 pass boiler

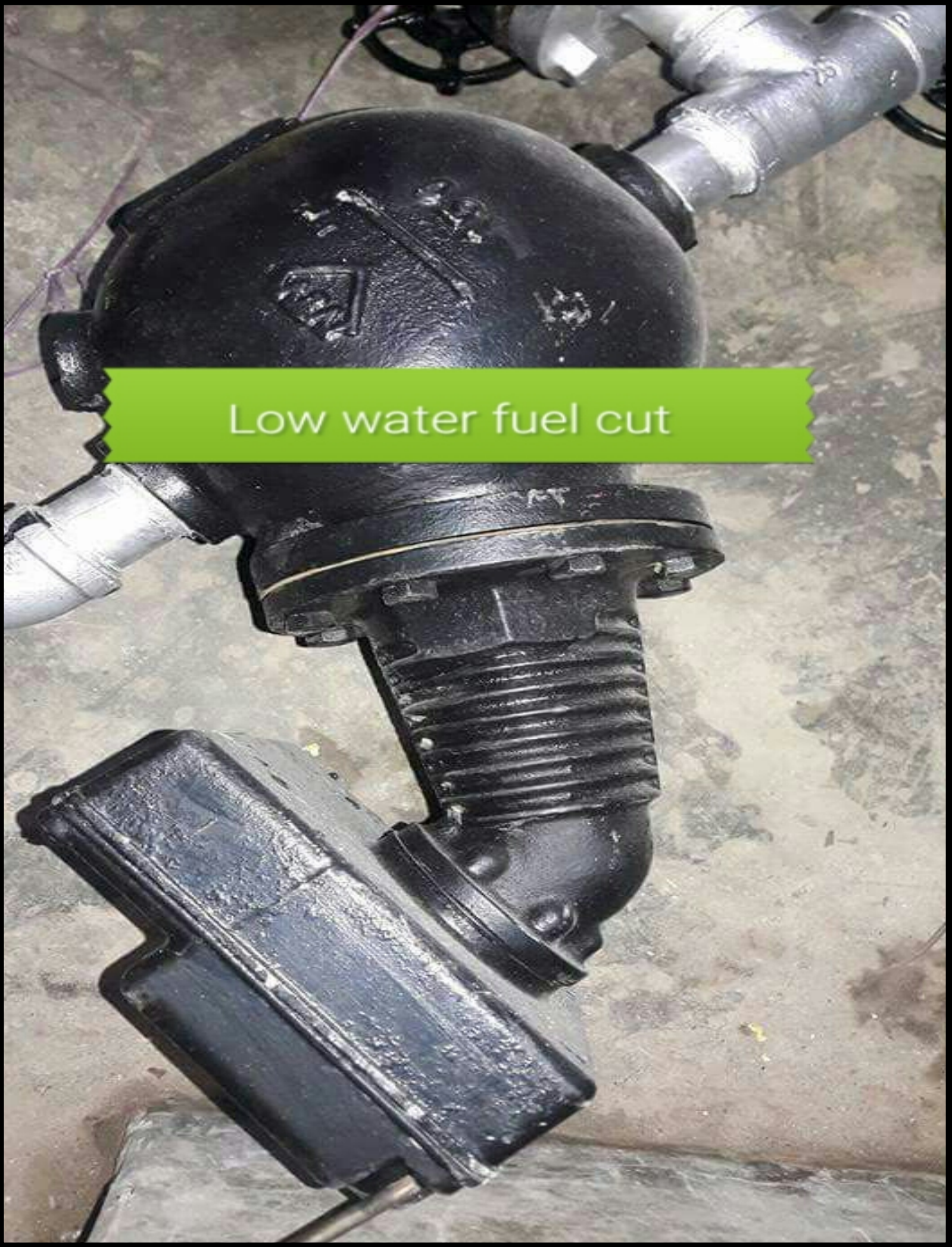

Locomotive fire tube boiler

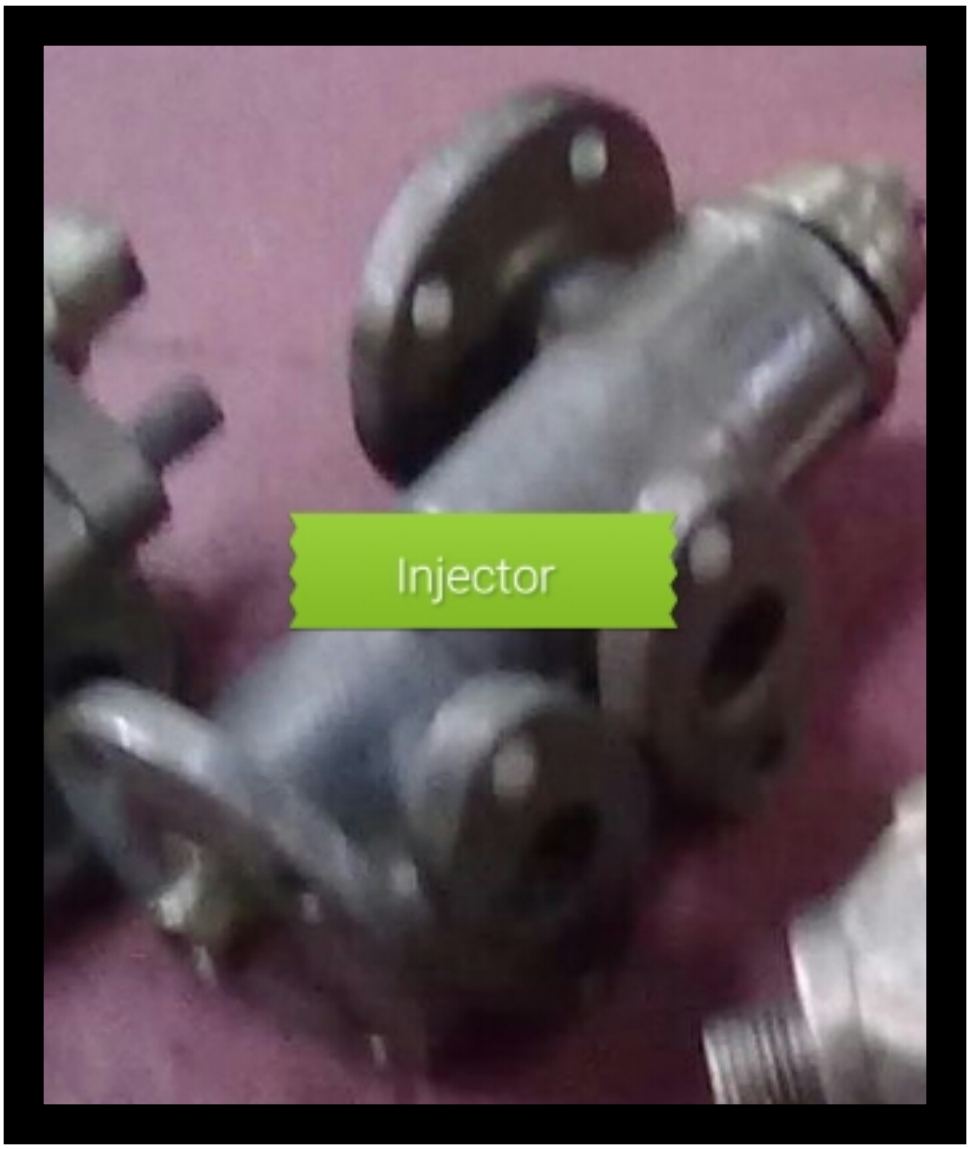

Plug cock
Non retrn v/v
(NRV)
Combine feed
check valve
Boiler side
flanged

Steam cock
Main blowdown v/
Feed check v/v
Led plug
Steam enjector
Water cock
Countr sunk rivit


DN
16
SPIRAX SARCO
1"
TVICHP
Steam trap


Simple vertical

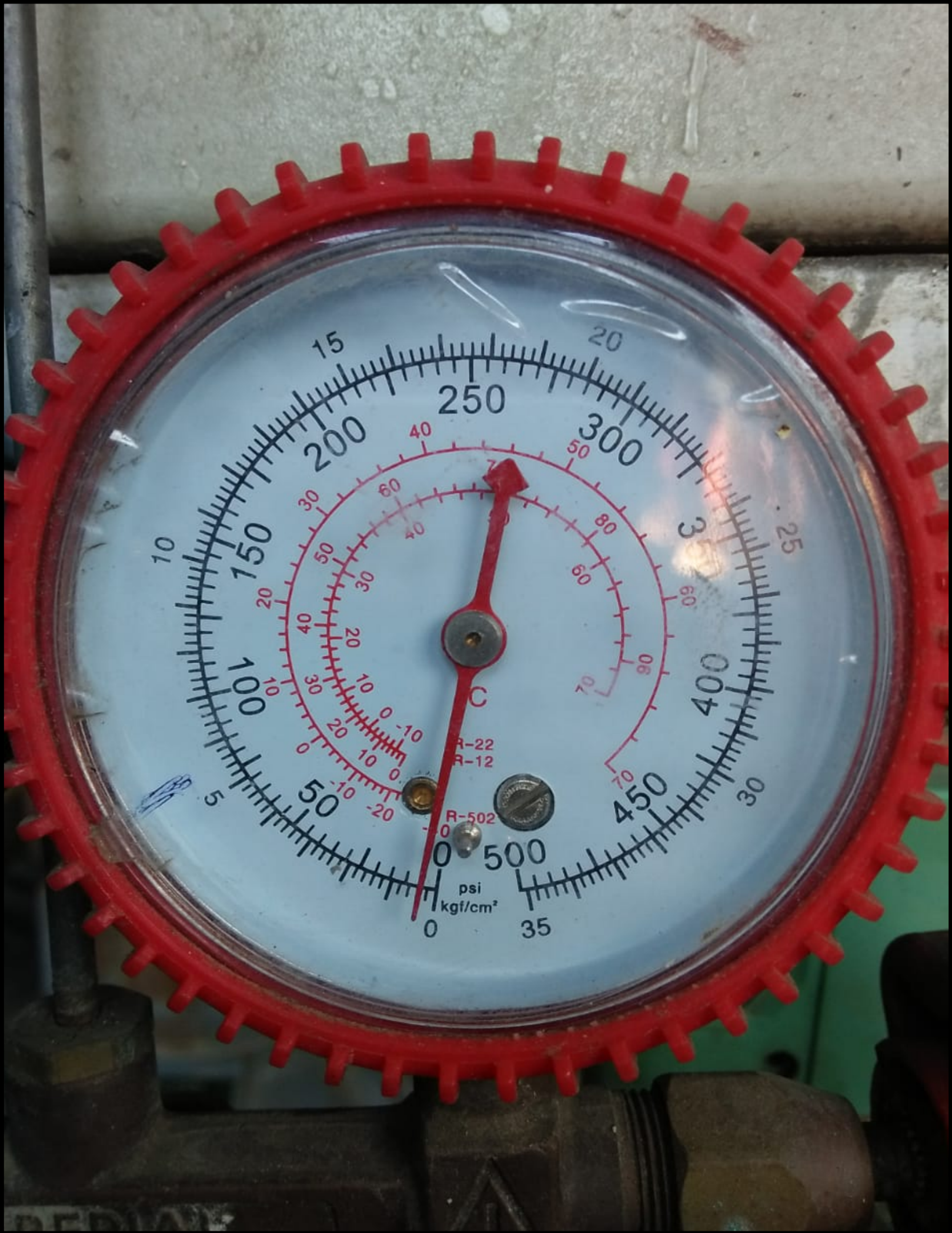

Low water fuel cut


Injector

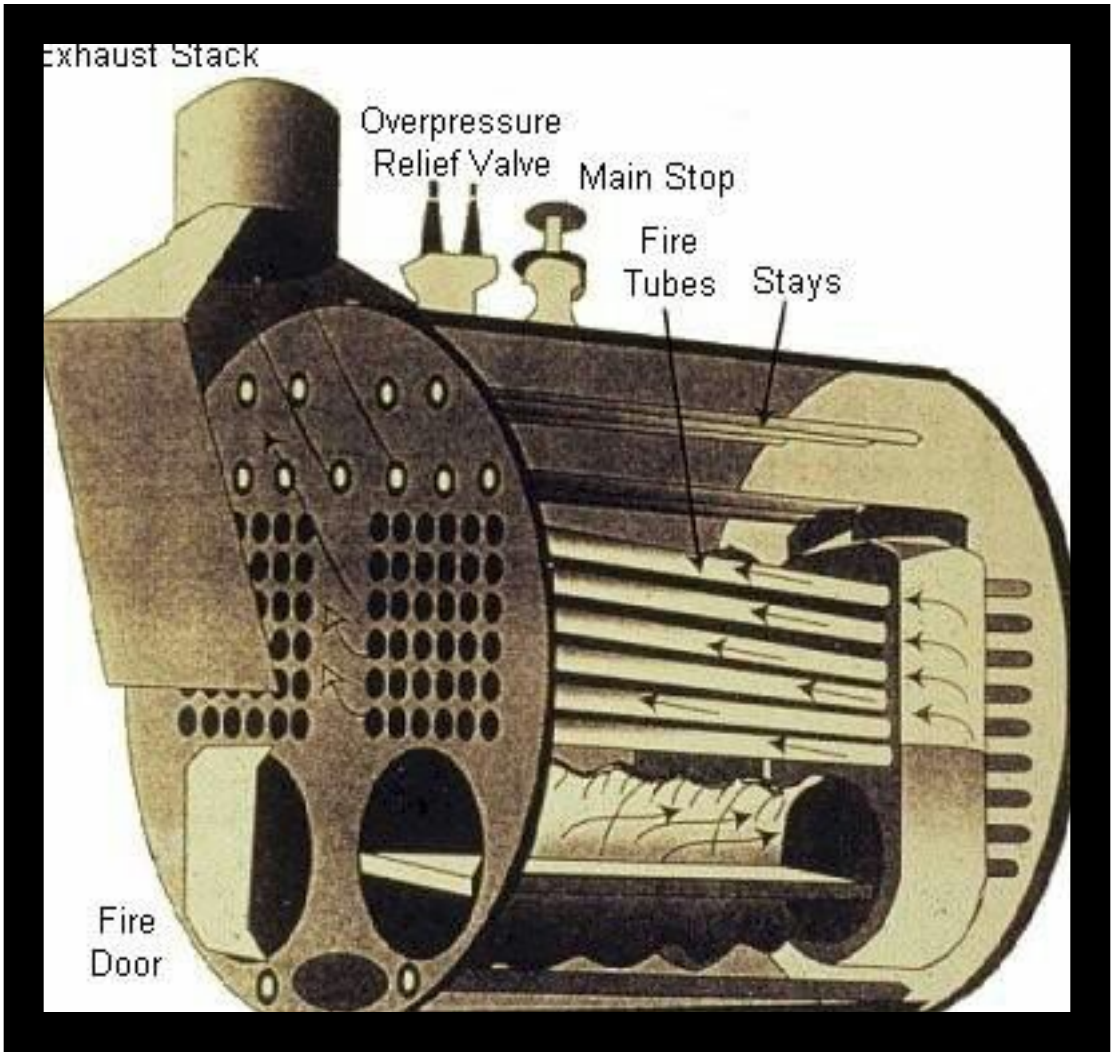

Rivits

H+ 3G 69% 11:10 AM

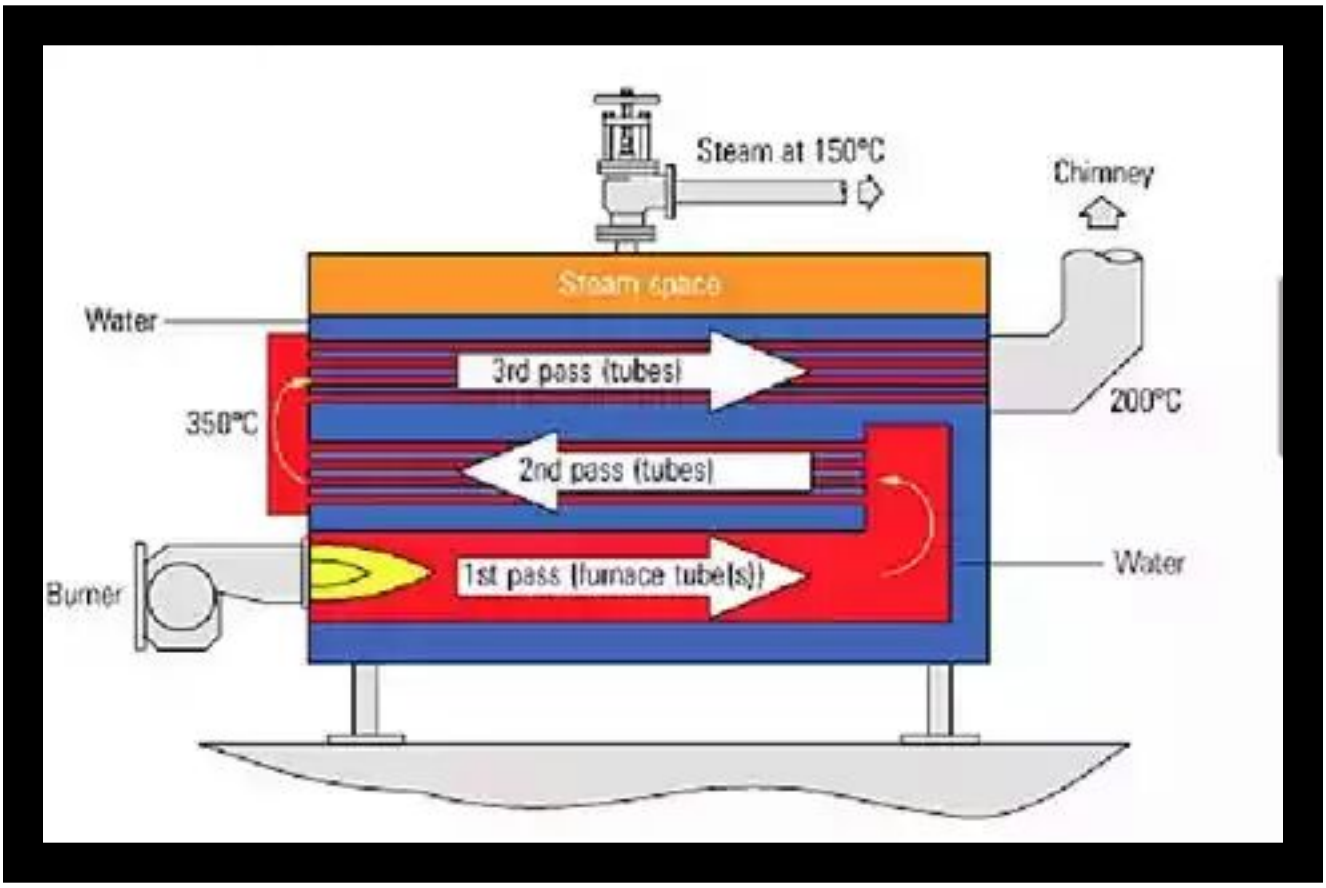



psi
kgf/cm²
C
R-22
R-12
R-502



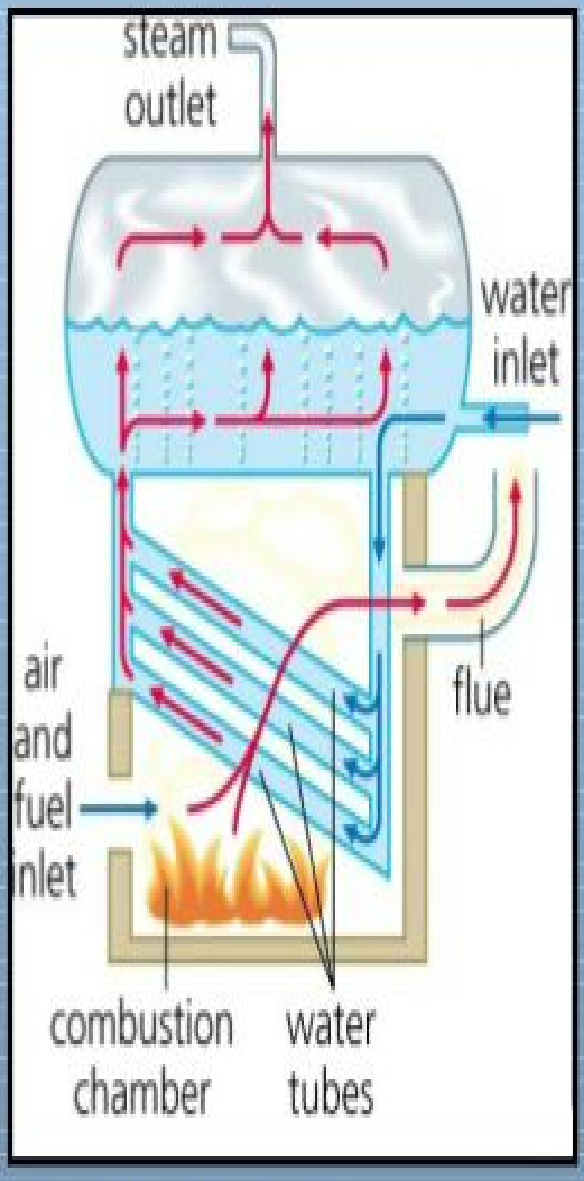

Exhaust Stack
Overpressure
Relief Valve
Main Stop
Fire
Tubes
Stays
Fire
Door


Choco Nut
Safty Volve Body


Steam at 150°C
Chimney
Steam space
Water
3rd pass (tubes)
350°C
200°C
2nd pass (tubes)
Water
Burner
1st pass (furnace tube(s))

Type of Boilers

2. Water Tube Boiler



(Your Dictionary.com)

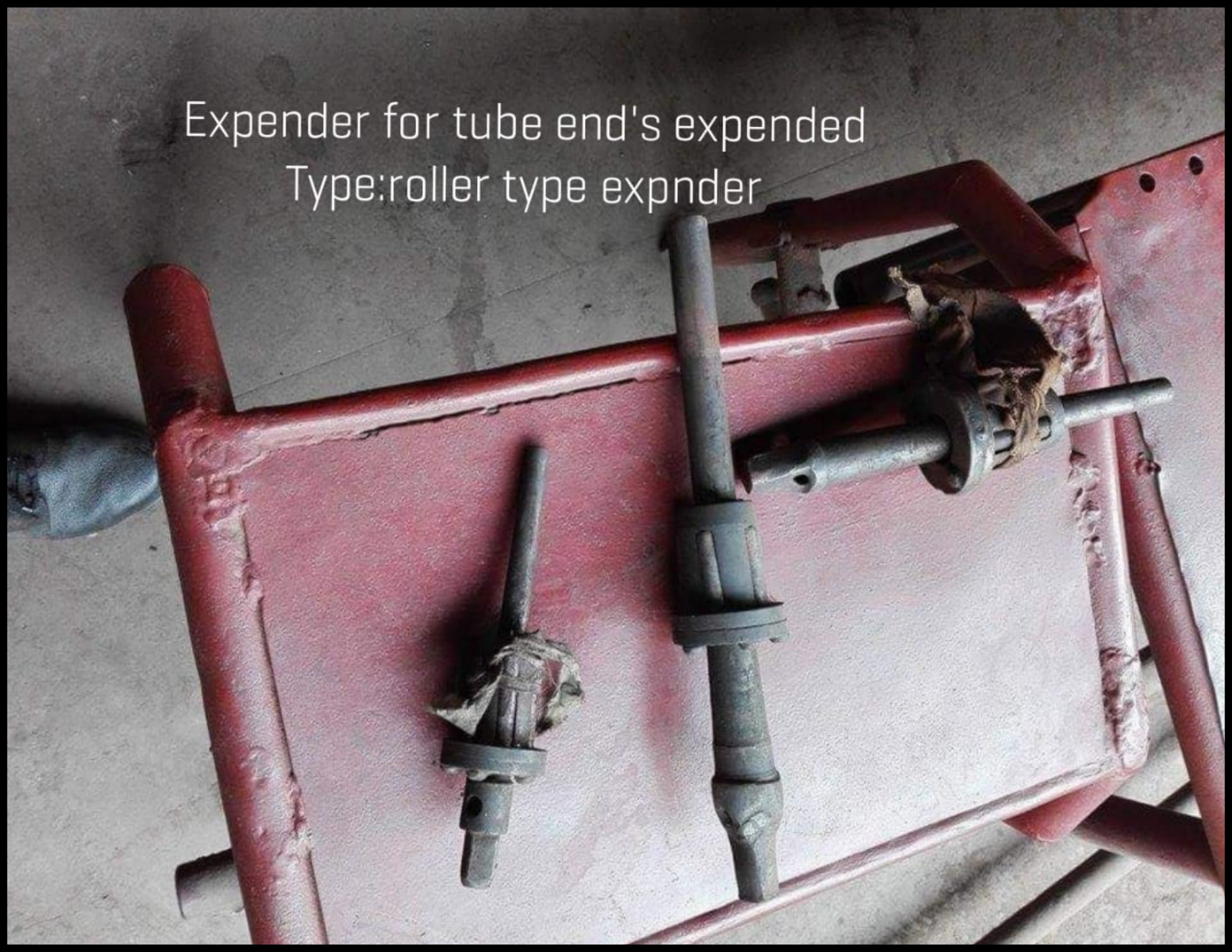
- Used for high steam demand and pressure requirements
- Capacity range of 4,500 – 120,000 kg/hour
- Combustion efficiency enhanced by induced draft provisions
- Lower tolerance for water quality and needs water treatment plant


Feed check and
Plug cock

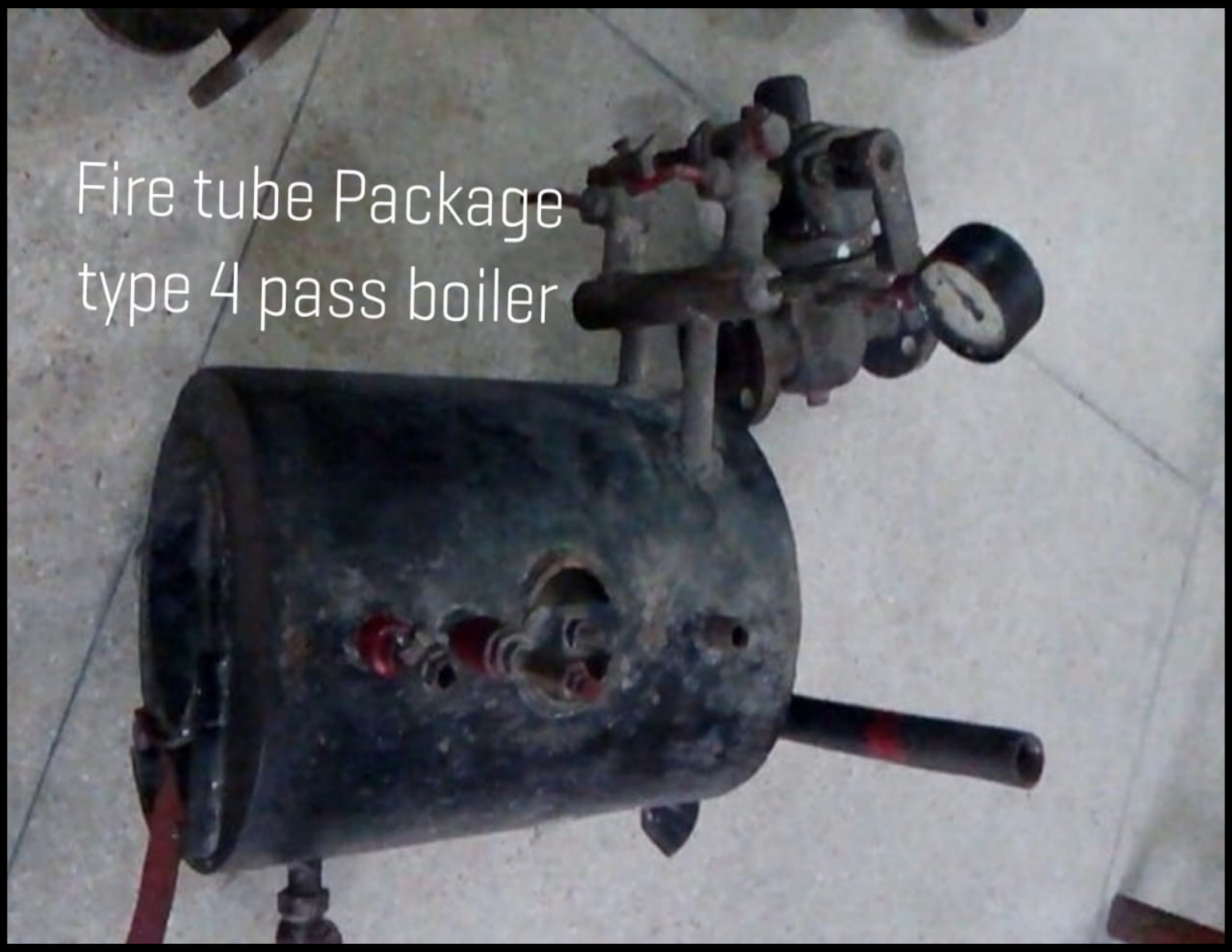



Plug cock
Non retrn v/v
(NRV)
Combine feed
check valve
Boiler side
flanged


Fire tube wet back boiler
Water lig


Expender for tube end's expended
Type:roller type expnder

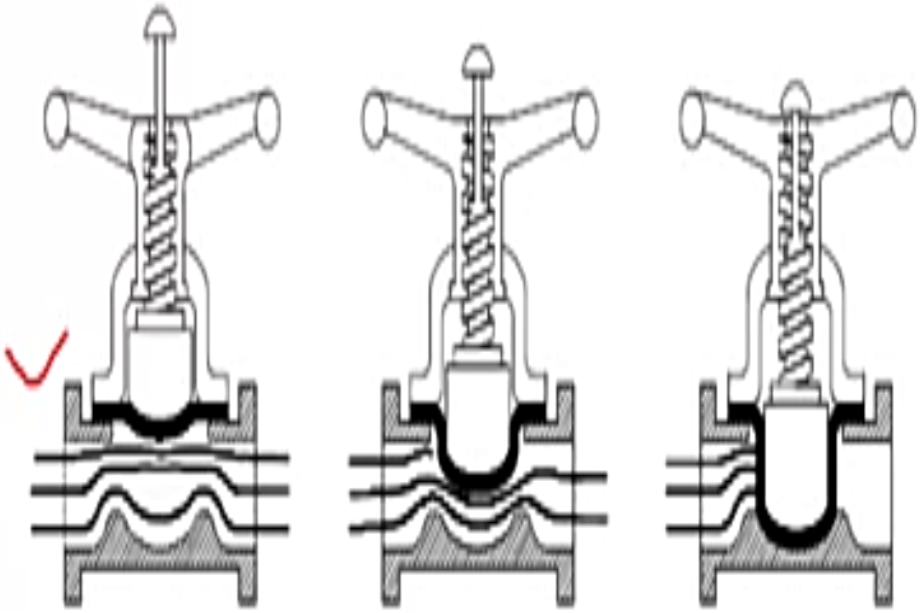

Locomotive fire tube boiler


Fire tube Package
type 4 pass boiler

9. Diaphragm Valves.

A diaphragm valve is a linear motion valve that is used to start, regulate, and stop fluid flow.

Diaphragm valves are used on shut-off and throttling service for liquids, slurries and vacuum/gas.



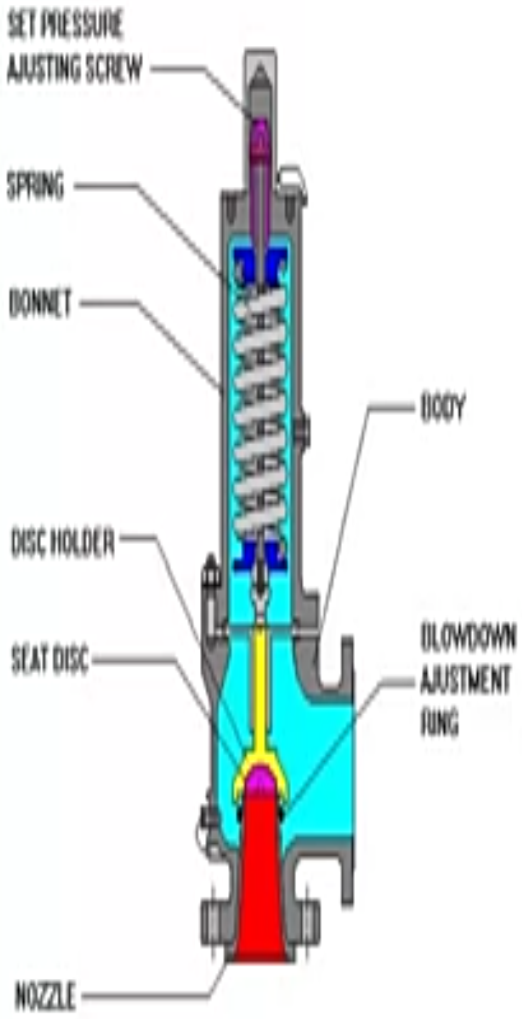


ASHOK
ETUTOR

10. Pressure Safety/Relief Valves.

ASHOK
ETUTOR

A pressure Safety valve or pressure Relief valve are used to protect equipment or piping system during an overpressure event or in the event of vacuum. This valve releases the pressure or vacuum at pre-defined set pressure.









Functions of Valves :



- ✓ Stopping and starting flow.
- ✓ Reduce or increase a flow.
- ✓ Controlling the direction of flow.
- ✓ Regulating a flow or process pressure.
- ✓ Relieve a pipe system of a certain pressure.

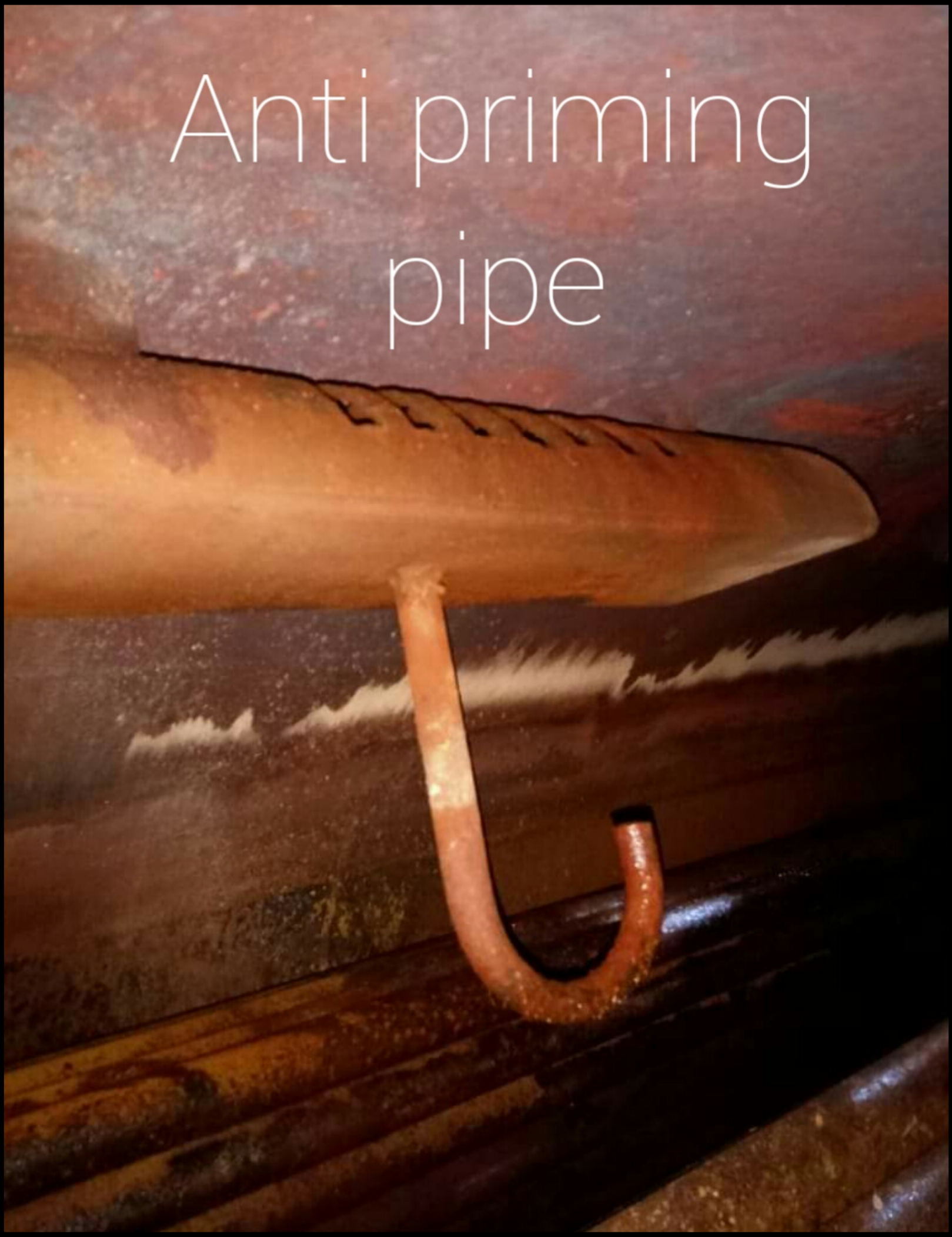
ASHOK

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Types of Valves

ASHOK
ETUTOR

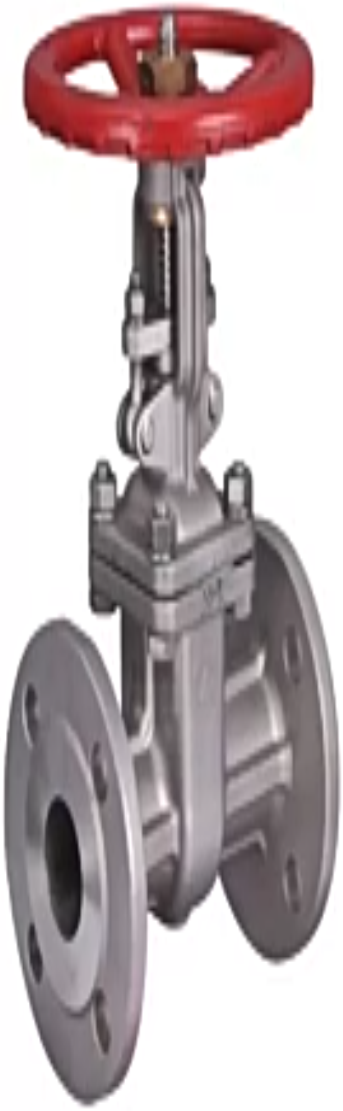
1. Gate Valve.
2. Globe Valve.
3. Butterfly Valve.
4. Ball Valve.
5. Plug valve.
6. Pinch valve.
7. Needle valve.
8. Check valve.
9. Diaphragm.
10. Pressure Safety/Relief Valve.


Anti priming
pipe

1. Gate Valves.

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Gate valves are primarily designed to start or stop a flow when a straight line flow of fluid and minimum flow restriction are needed. In service, these valves are pretty much kept either fully open, or fully closed.





2. Globe Valves.

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ETUTOR

Generally used for cooling water systems, transporting fuel oil and turbine lube oil systems, a globe valve is a linear motion valve used to stop, start and regulate flow.





3. Butterfly Valves.

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the butterfly valves is used to stop, start and regulate flow. Easy and fast to open.

Butterfly Valve is suitable for large valve applications due to Compact, lightweight design that requires considerably less space, as compared to other valves.



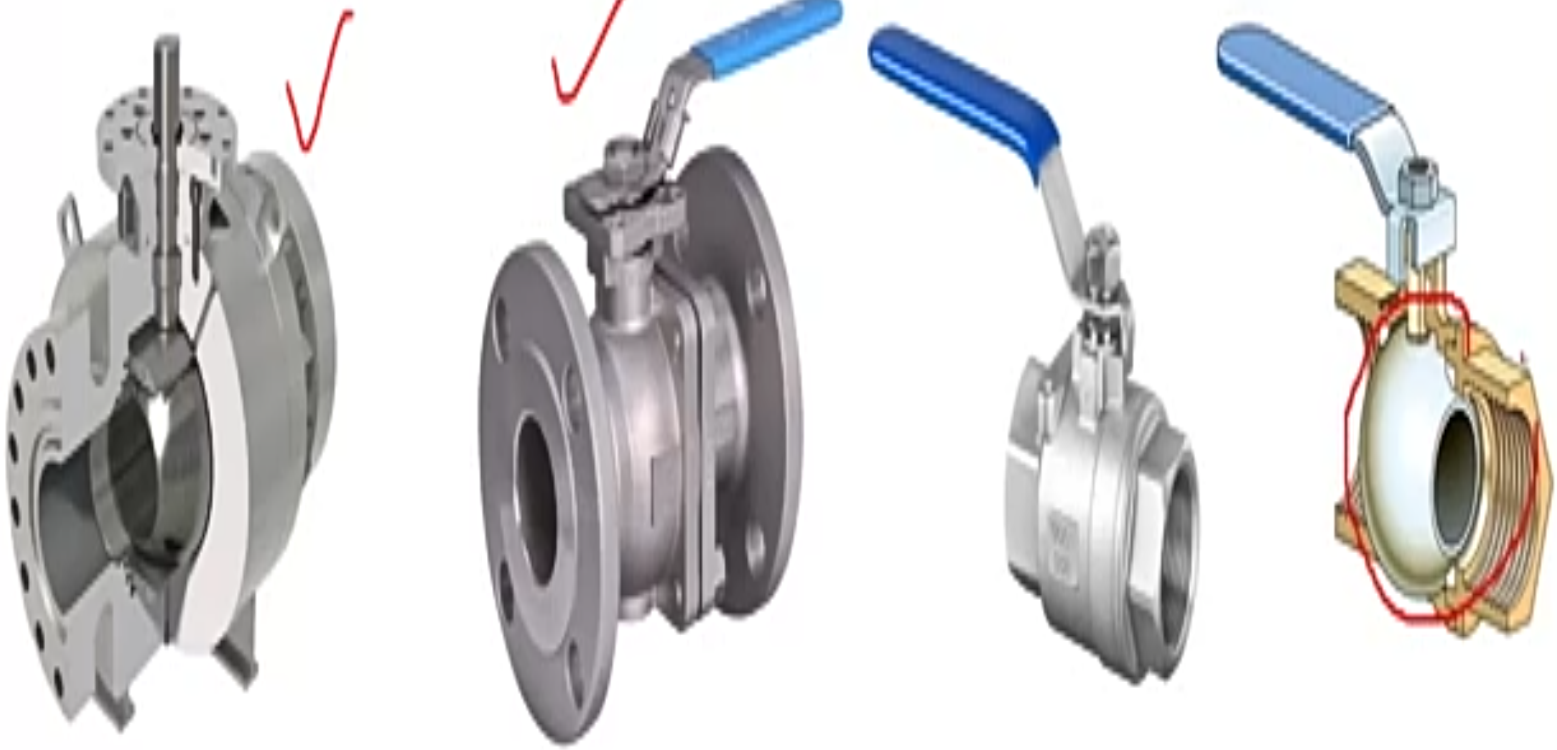




4. Ball Valves.

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ETUTOR

A ball valve is a quarter-turn rotational motion valve that used a ball-shaped disk to control a flow. If the valve is opened, the holes in the ball stay in line with the body inlet allowing contents to pass.



5. Plug valves.

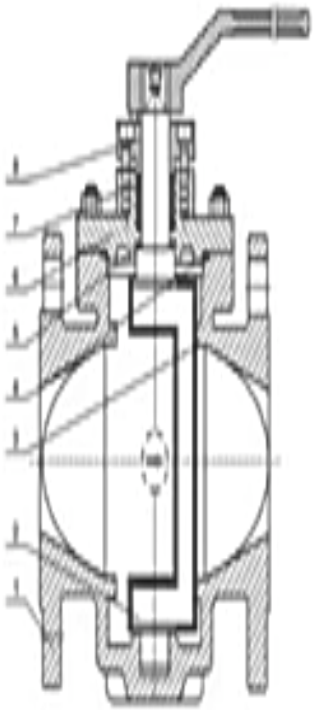
A plug valve uses a tapered or cylindrical plug to stop or start a flow. Plug valve used as on-off stop valves. Plug valve can be used in vacuum to high-pressure & temperature applications









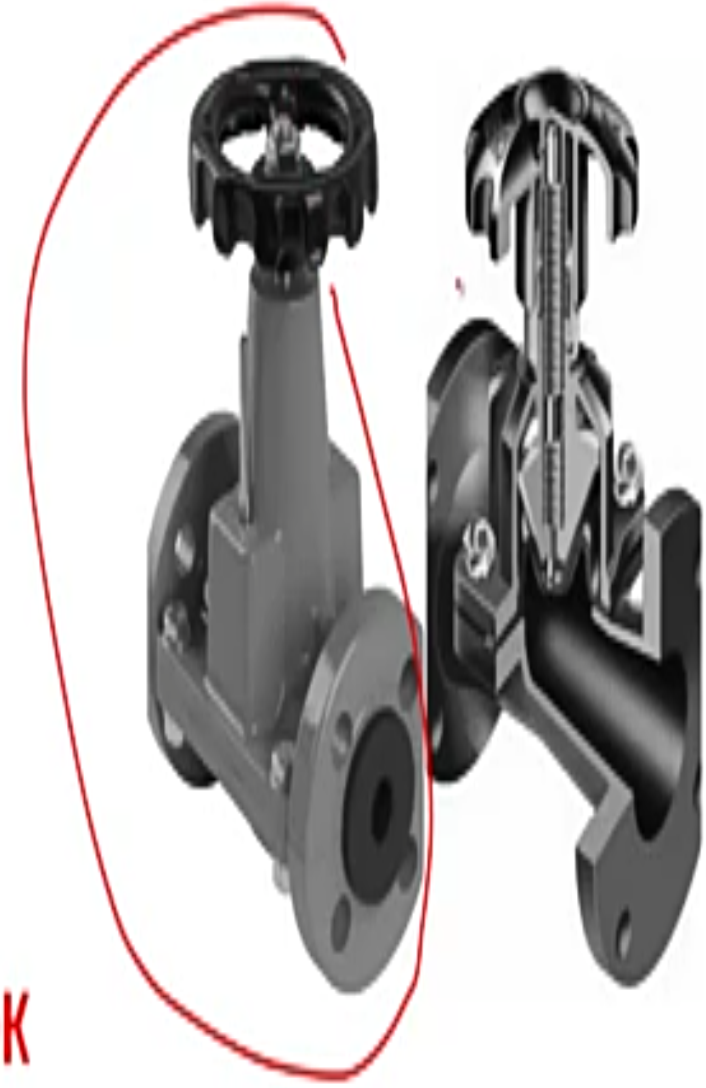


ASHOK

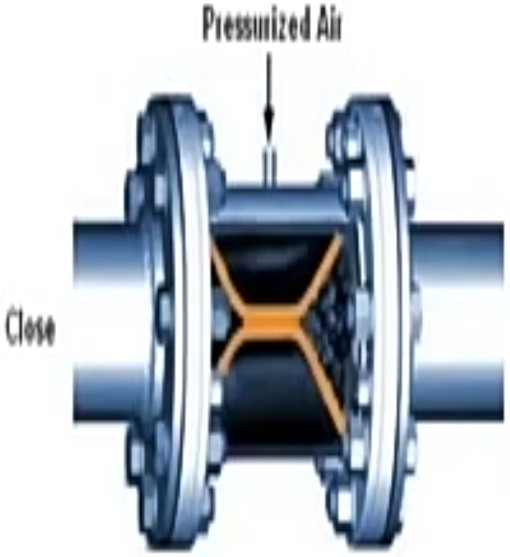
ETUTOR

6. Pinch valves.

The pinch valve is also known as clamp valve. It is a linear motion valve. Used to start, regulate, and stop fluid flow. It uses a rubber tube, also known as a pinch tube and a pinch mechanism to control the fluid







ASHOK

ETUTOR

7. Needle valves.

Needle valves are designed to give very accurate control of flow in small diameter piping systems. Very low pressure can be controlled needle valves.



ASHOK

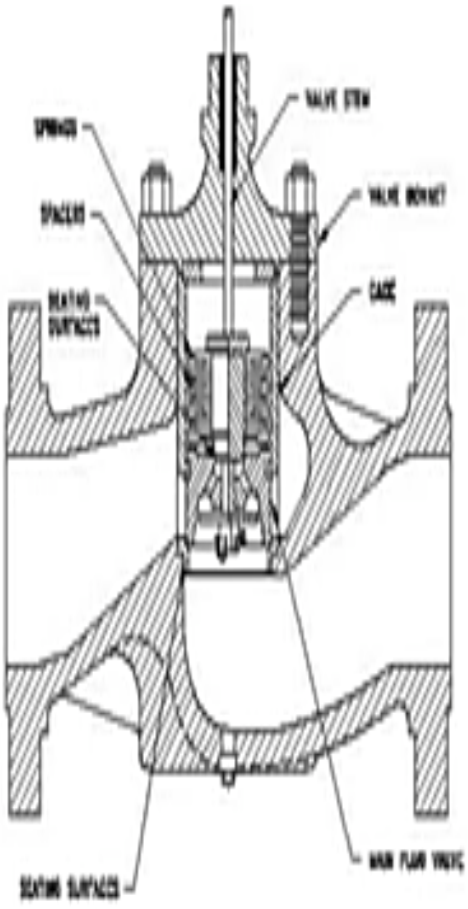
ETUTOR

8. Check valves.

The check valves are non-return valves. These valves alow the fluid to flow only in one direction.







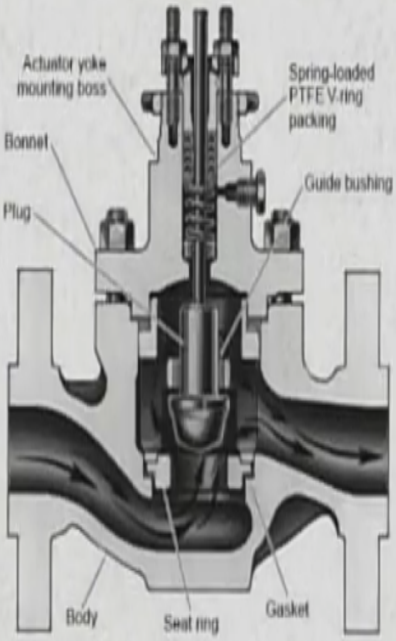
ASHOK

ETUTOR

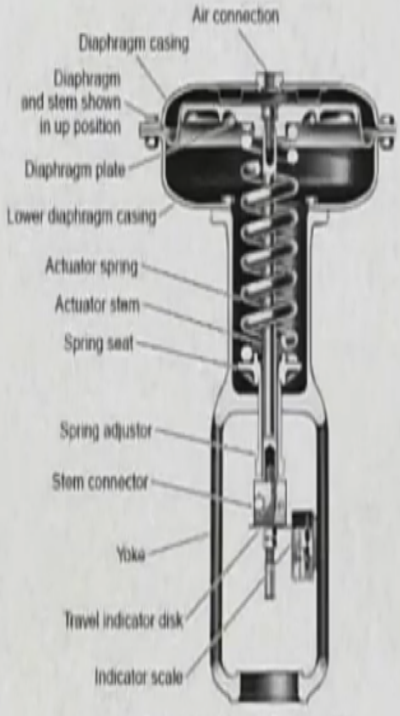
CONTROL VALVES



A CONTROL VALVE IS A VALVE USED TO CONTROL FLUID FLOW BY VARYING THE SIZE OF THE FLOW PASSAGE AS DIRECTED BY A SIGNAL FROM A CONTROLLER. THIS ENABLES THE DIRECT CONTROL OF FLOW RATE AND THE CONSEQUENTIAL CONTROL OF PROCESS QUANTITIES SUCH AS PRESSURE, TEMPERATURE, AND LIQUID LEVEL.



Cross sectional view of a globe valve showing the basic structure

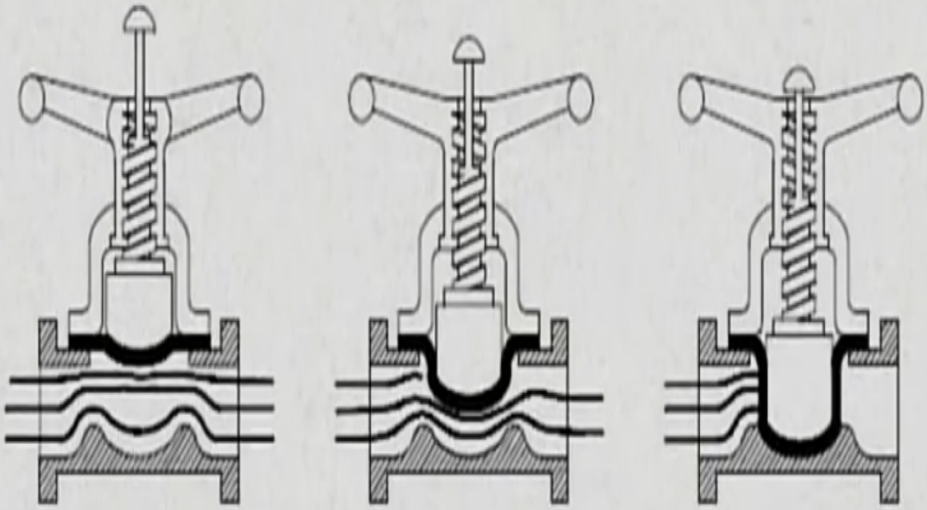


Typical arrangement of a spring and diaphragm type actuator

DIAPHRAGM VALVES



LINEAR MOTION VALVES THAT ARE USED TO START, REGULATE, AND STOP FLUID FLOW. THE DISK IS FLEXIBLE AND SEALS WITH THE SEAT IN AN OPEN AREA AT THE TOP OF THE VALVE BODY.

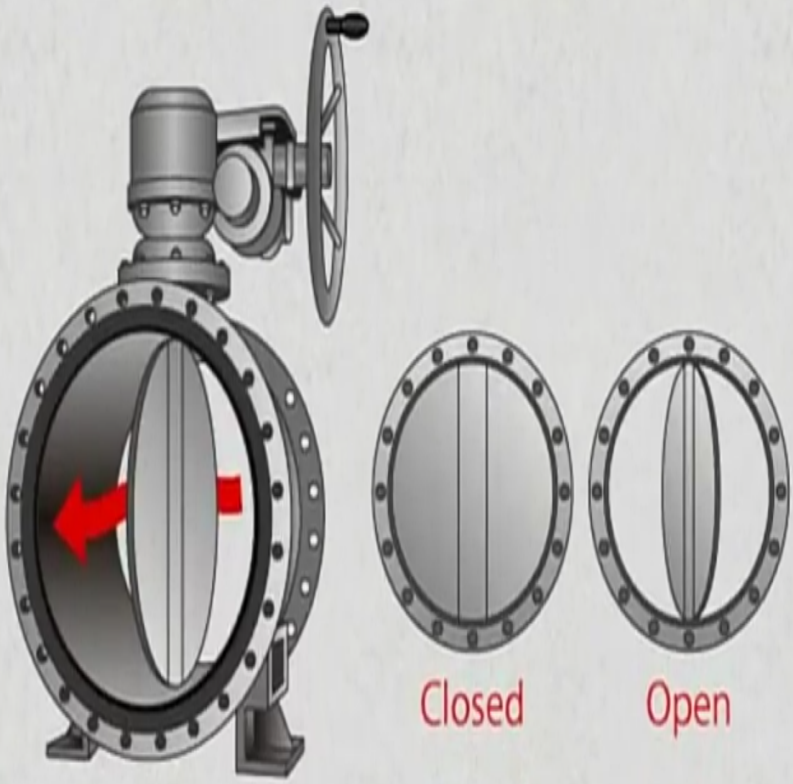


OPEN THROTTLING CLOSED

BUTTERFLY VALVES



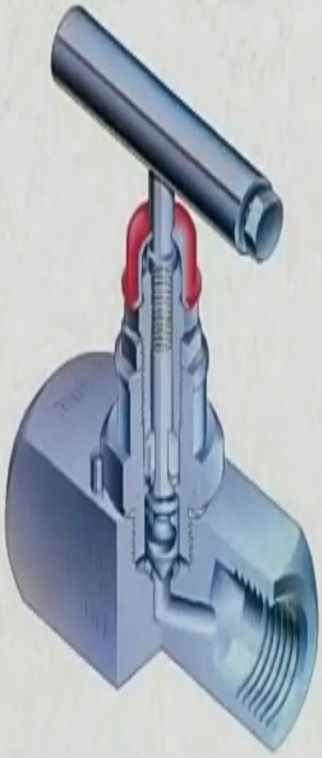
ROTARY MOTION VALVES THAT CAN BE USED IN ON-OFF AND THROTTLING SYSTEMS. THEY ARE QUICK AND EASY TO OPERATE. THE FLOW CONTROL ELEMENT IS ON EITHER A VERTICAL OR HORIZONTAL AXIS AND IS OPENED WHEN THE HANDLE IS ROTATED 90 DEGREES AND CLOSED WHEN THE VALVE IS TURNED AN ADDITIONAL 90 DEGREES.



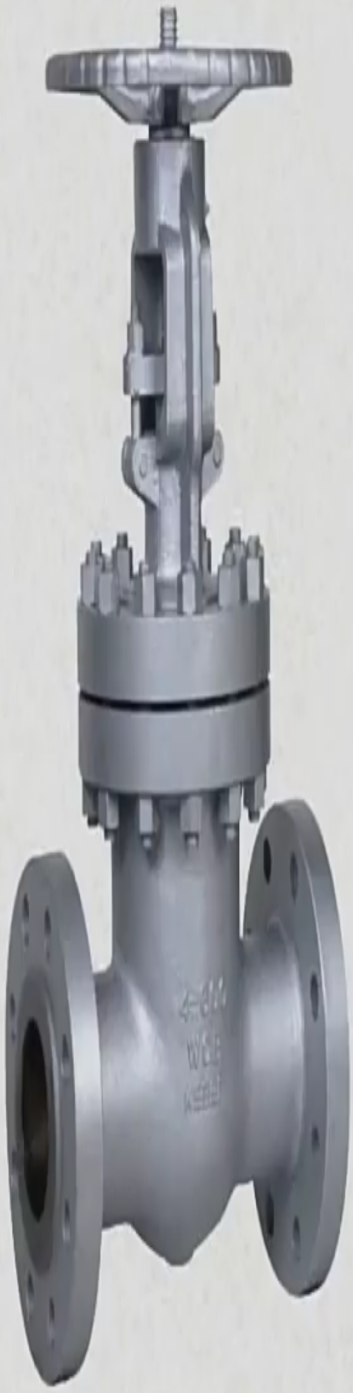
NEEDLE VALVES



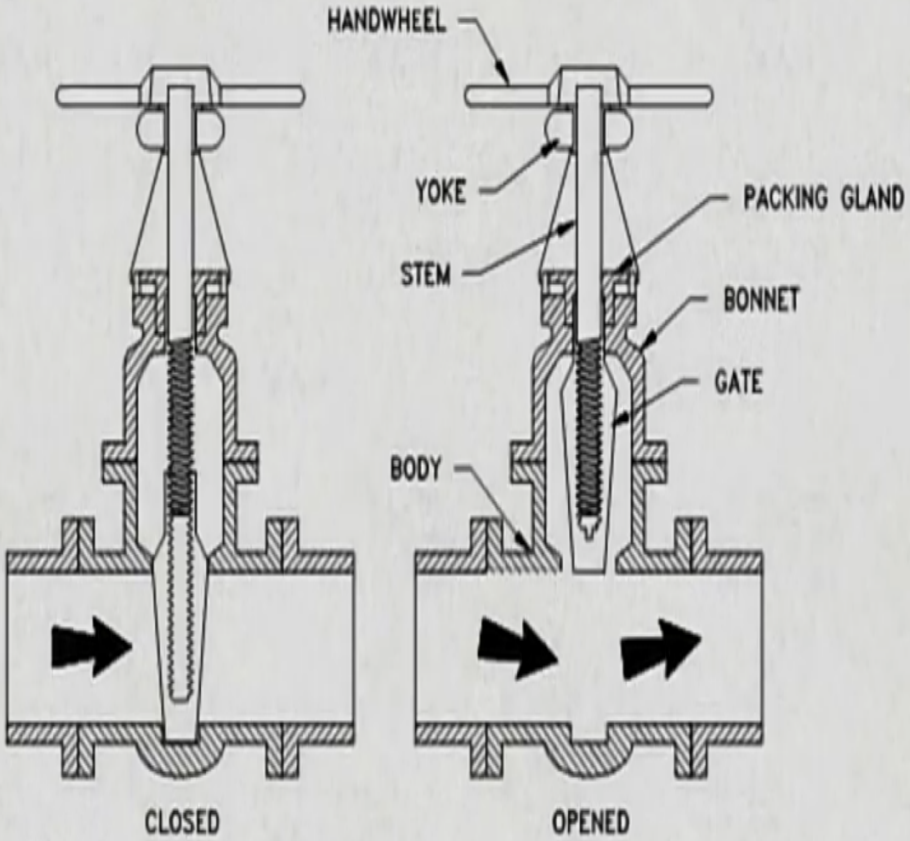
NEEDLE VALVES HAVE A LONG, TAPERED, NEEDLE-LIKE POINT THAT IS USED TO MAKE RELATIVELY FINE ADJUSTMENTS IN THE AMOUNT OF FLUID FLOW. THEY ARE SOMETIMES USED AS COMPONENT PARTS FOR OTHER VALVES BECAUSE THE NEEDLE ALLOWS FOR A GRADUAL CHANGE IN THE SIZE OF THE FLUID FLOW OPENING.



GATE VALVES



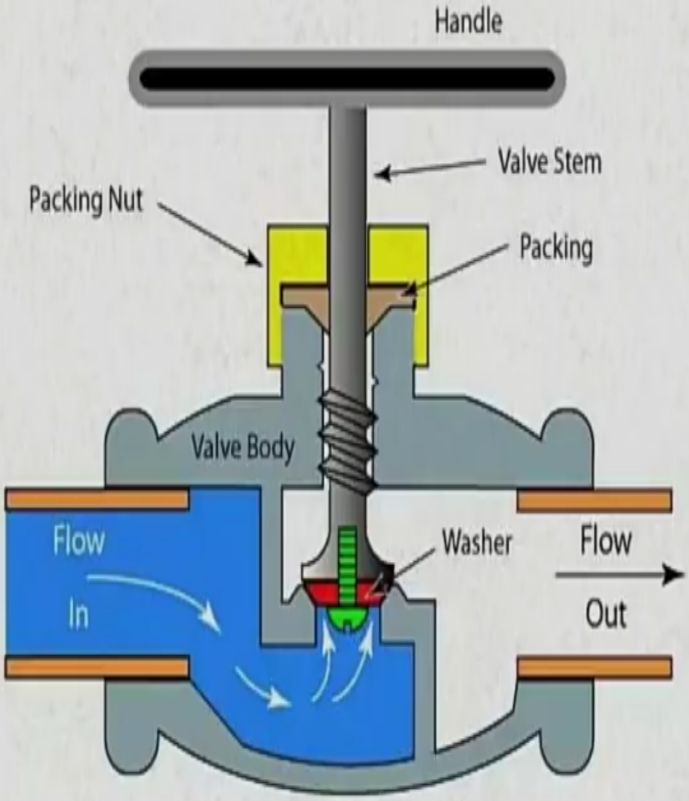
GATE VALVES USED TO START AND STOP FLOW.
THE VALVE IS COMPLETELY OPENED WHEN THE DISK IS REMOVED FROM THE FLOW STREAM.
CLASSIFICATION OF GATE VALVES IS MADE BY THE TYPE OF DISK USED: SOLID WEDGE, FLEXIBLE WEDGE, SPLIT WEDGE, OR PARALLEL DISK.



GLOBE VALVES



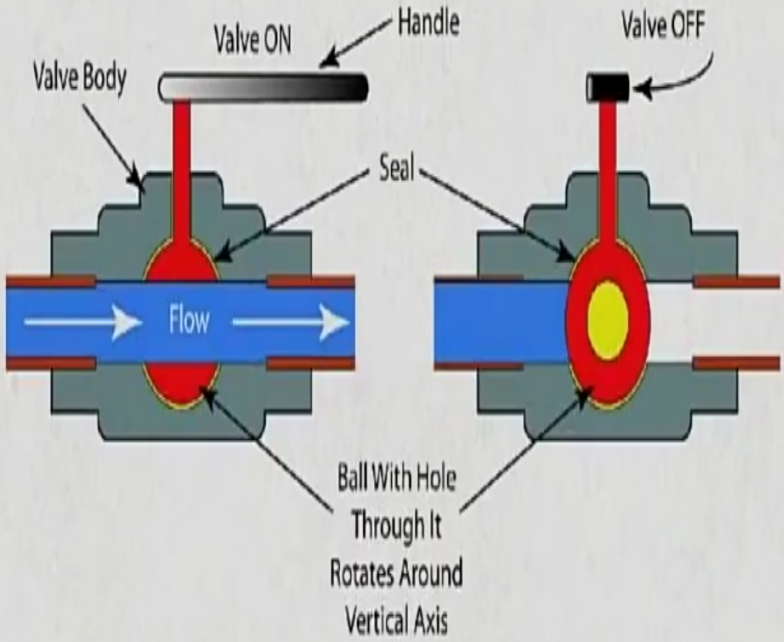
GLOBE VALVES USED TO START, STOP AND REGULATE FLOW. THE DISK MOVES PERPENDICULAR TO THE SEAT TO OPEN OR CLOSE THE FLOW SO THE ANNULAR SPACE BETWEEN THE DISK AND SEAT RING GRADUALLY CHANGES. THERE ARE THREE BODY DESIGNS FOR GLOBE VALVES: Z-BODY, Y-BODY, AND ANGLE AND THREE DESIGNS FOR THE DISK: BALL DISK, COMPOSITION DISK, AND PLUG DISK.



BALL VALVES



ROTATIONAL MOTION VALVES USED TO START, STOP OR THROTTLE FLOW. THE VALVE USES A BALL SHAPED DISK WITH A HOLE IN IT. WHEN THE VALVE IS OPENED THE HOLE OF DISK IS TURNED IN-LINE WITH THE DIRECTION OF THE FLOW. WHEN THE VALVE IS SHUT, THE BALL IS ROTATED SO THAT THE HOLE IS PERPENDICULAR TO FLOW DIRECTION.



CHECK VALVES



CHECK VALVES OR NON-RETURN VALVE ARE USED IN SYSTEMS EMPLOYING GATE VALVES BECAUSE THEY PREVENT THE REVERSAL OF FLOW IN THE PIPING SYSTEM AND THERE IS A LOW PRESSURE DROP ACROSS THE VALVE. THE PRESSURE OF THE FLUID THROUGH THE SYSTEM OPENS THE SYSTEM, WHILE THE WEIGHT OF THE CHECK MECHANISM WILL CLOSE THE VALVE IF THE FLOW IS REVERSED.

