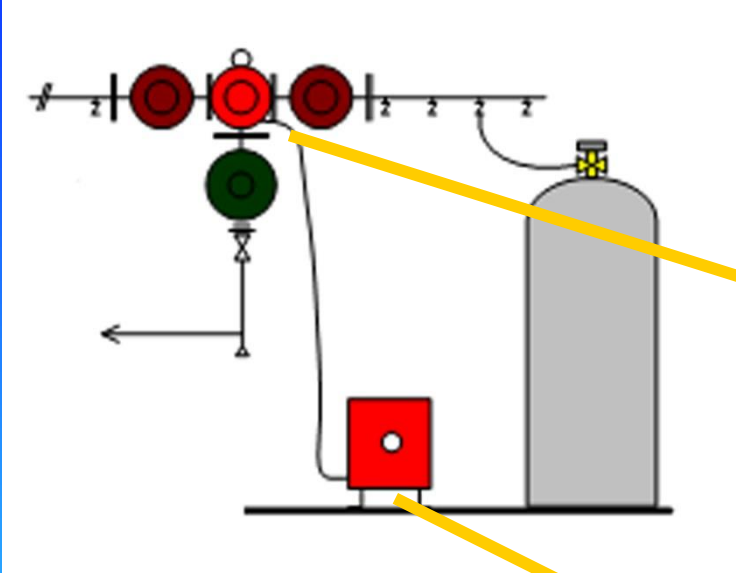


[illegible]

The Earthquake Sensor & Shut Off Valve



Earthquake-Proof Shut
Off Valve



Earthquake-Proof
Detecting Sensor



Lineup



EQ-25



EQT-25

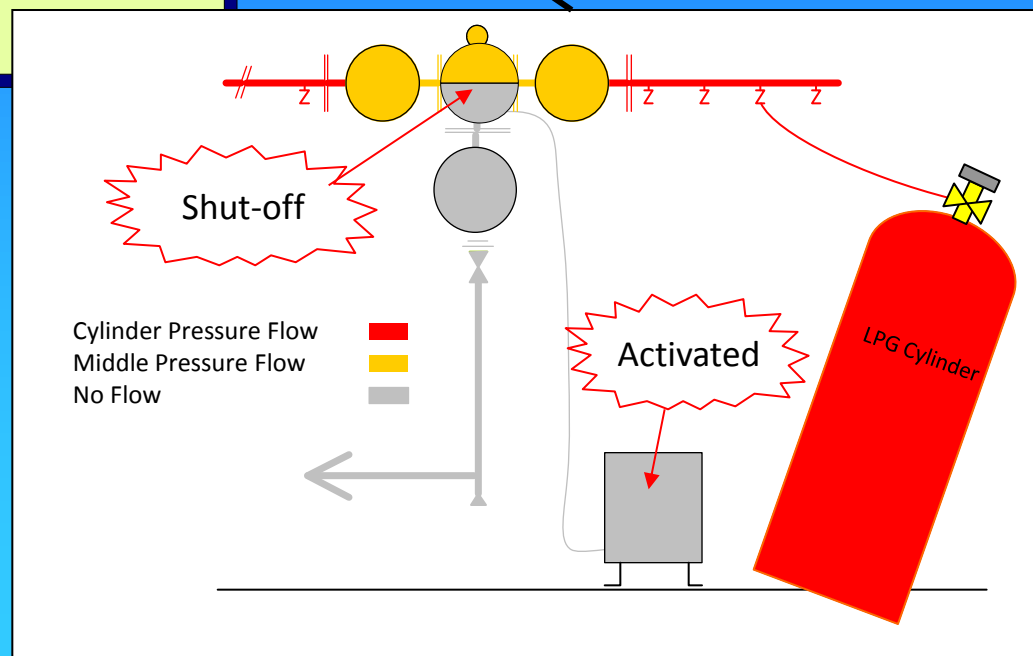
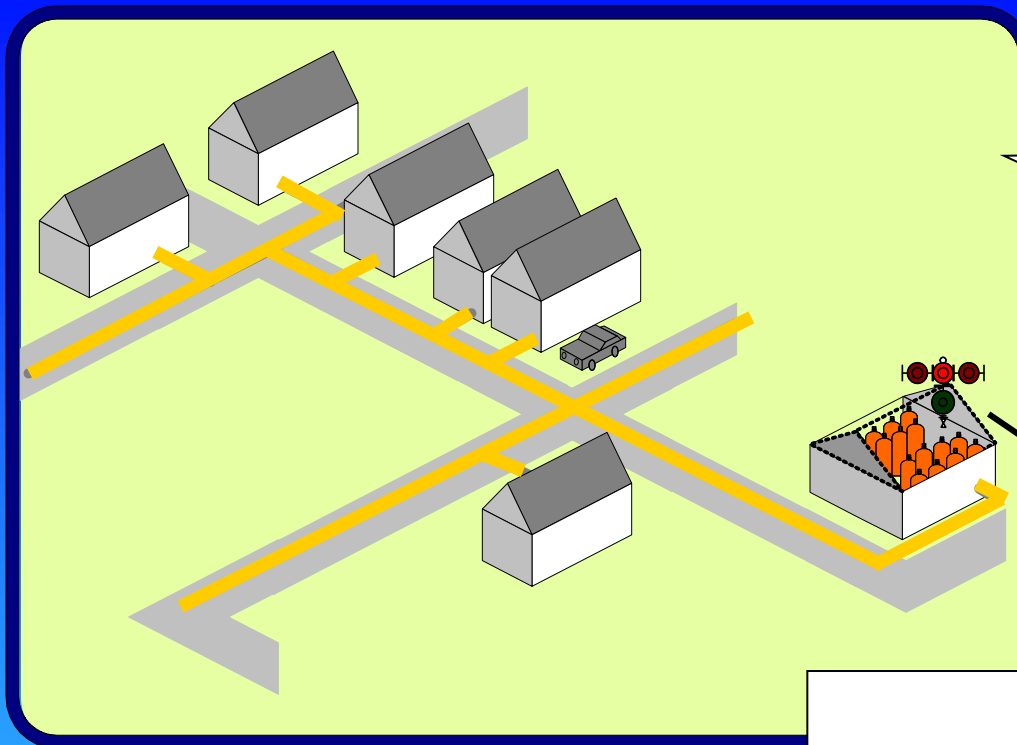


EQH-25

型 式 Model		使用 圧 力 Operating Pressure MPa	容量 Flow Rate l/min (Air)	接 続 Connection				面間寸法(mm) Face to Face Dimension	質量 (kg) Product Weight
				入 口 Inlet		出 口 Outlet			
EQシリーズ (中圧用) EQ Series (for Medium Pressure)	EQ-15	0.025~0.20	20	Rc1/2		Rc1/2		94	約 3 Approx.3
	EQ-20		47	JIS20K20Aフランジ	JIS20K20A Flange	JIS20K20Aフランジ	JIS20K20A Flange	120	約6.6 Approx.6.6
	EQ-25		67	JIS20K25Aフランジ	JIS20K25A Flange	JIS20K25Aフランジ	JIS20K25A Flange	130	約7.8 Approx.7.8
	EQ-40		200	JIS20K40Aフランジ	JIS20K40A Flange	JIS20K40Aフランジ	JIS20K40A Flange	180	約20 Approx.20
	EQ-50		334	JIS10K50Aフランジ	JIS10K50A Flange	JIS10K50Aフランジ	JIS10K50A Flange	220	約24 Approx.24
	EQ-80		492	JIS10K80Aフランジ	JIS10K80A Flange	JIS10K80Aフランジ	JIS10K80A Flange	320	約52 Approx.52
EQTシリーズ (中圧用) EQT Series (for Medium Pressure) T字接続 T-joint	EQT-20	0.025~0.20	47	JIS10K20Aフランジ×2	JIS10K20A Flange×2	JIS10K25Aフランジ	JIS10K25A Flange	150×120	約11 Approx.11
	EQT-25		67	JIS10K25Aフランジ×2	JIS10K25A Flange×2	JIS10K25Aフランジ	JIS10K25A Flange	180×150	約11 Approx.11
	EQT-40		200	JIS10K40Aフランジ×2	JIS10K40A Flange×2	JIS10K40Aフランジ	JIS10K40A Flange	180×150	約27 Approx.27
	EQT-50		334	JIS10K50Aフランジ×2	JIS10K50A Flange×2	JIS10K50Aフランジ	JIS10K50A Flange	200×150	約27 Approx.27
EQHシリーズ (高圧用) EQH Series (for High Pressure)	EQH-20	0.07~1.56 (ただし操作圧力は 0.025~0.20) for Operating Pressure 0.025~0.20	47	JIS20K20Aフランジ	JIS20K20A Flange	JIS20K20Aフランジ	JIS20K20A Flange	120	約6.6 Approx.6.6
	EQH-25		67	JIS20K25Aフランジ	JIS20K25A Flange	JIS20K25Aフランジ	JIS20K25A Flange	130	約7.8 Approx.7.8
	EQH-40		200	JIS20K40Aフランジ	JIS20K40A Flange	JIS20K40Aフランジ	JIS20K40A Flange	180	約20 Approx.20

3 Features

- **When an earthquake occurs, this device shuts off the LP gas supply at the entry point of gas line.**

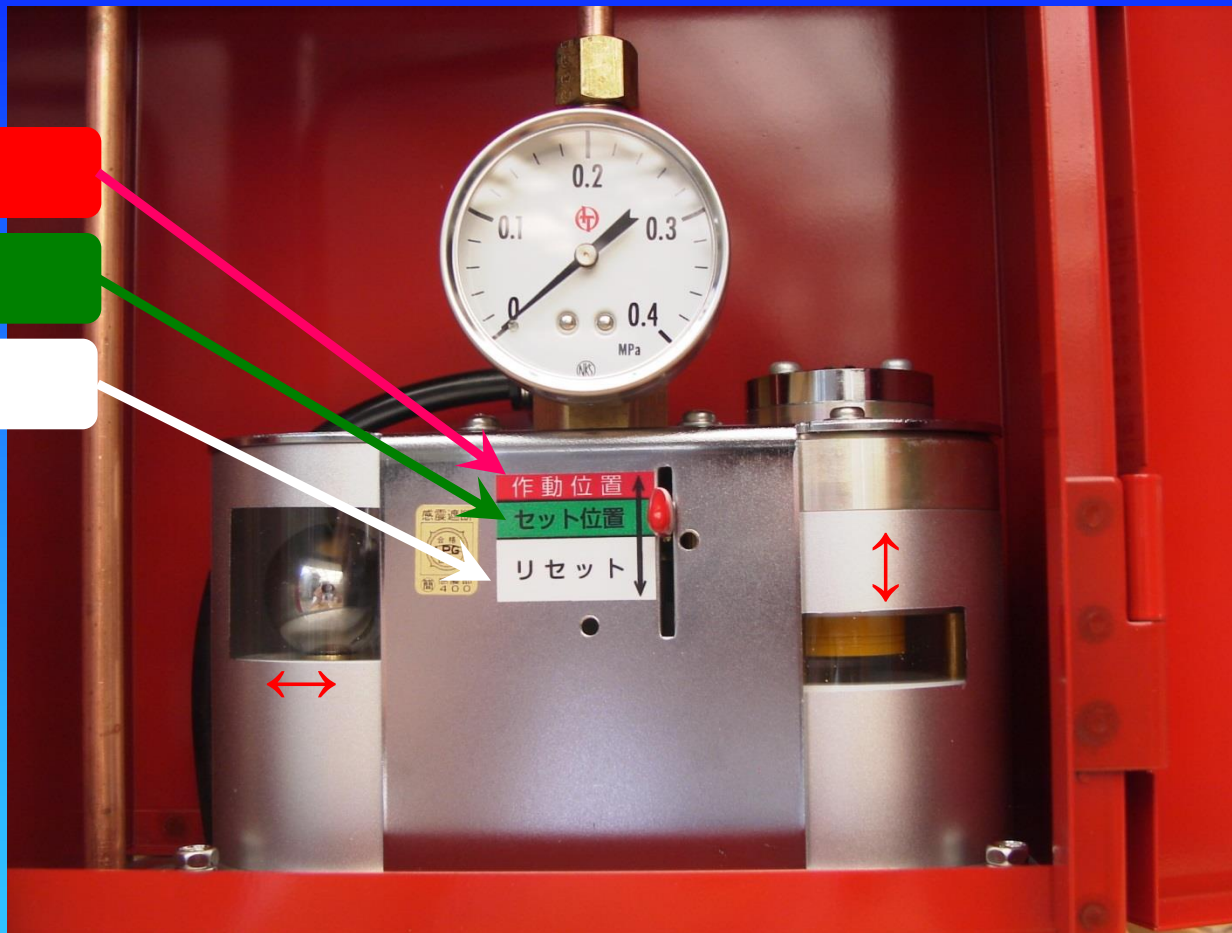


- **A combination of two elements with different operating characteristics provides this sensor with stability.**

Activated

Set

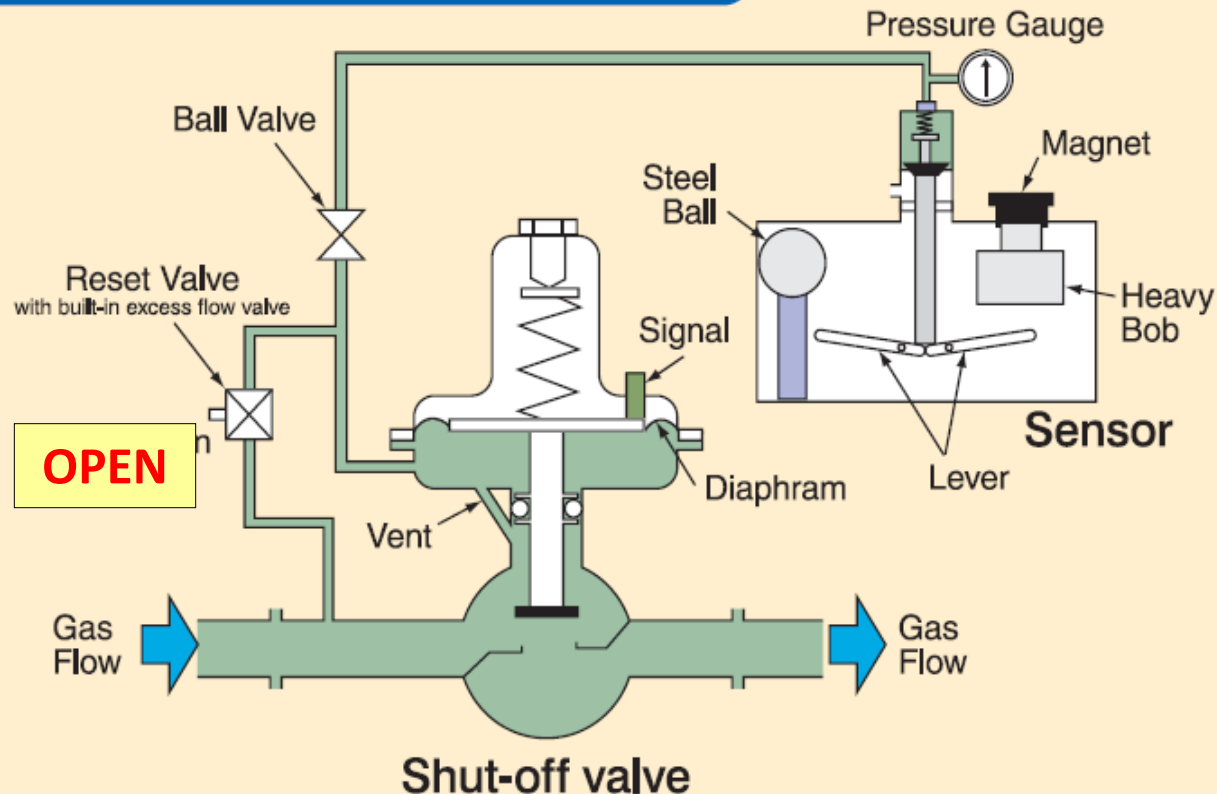
Resetting



- **This device does not require electricity.
Explosion-proof certification is not necessary.**

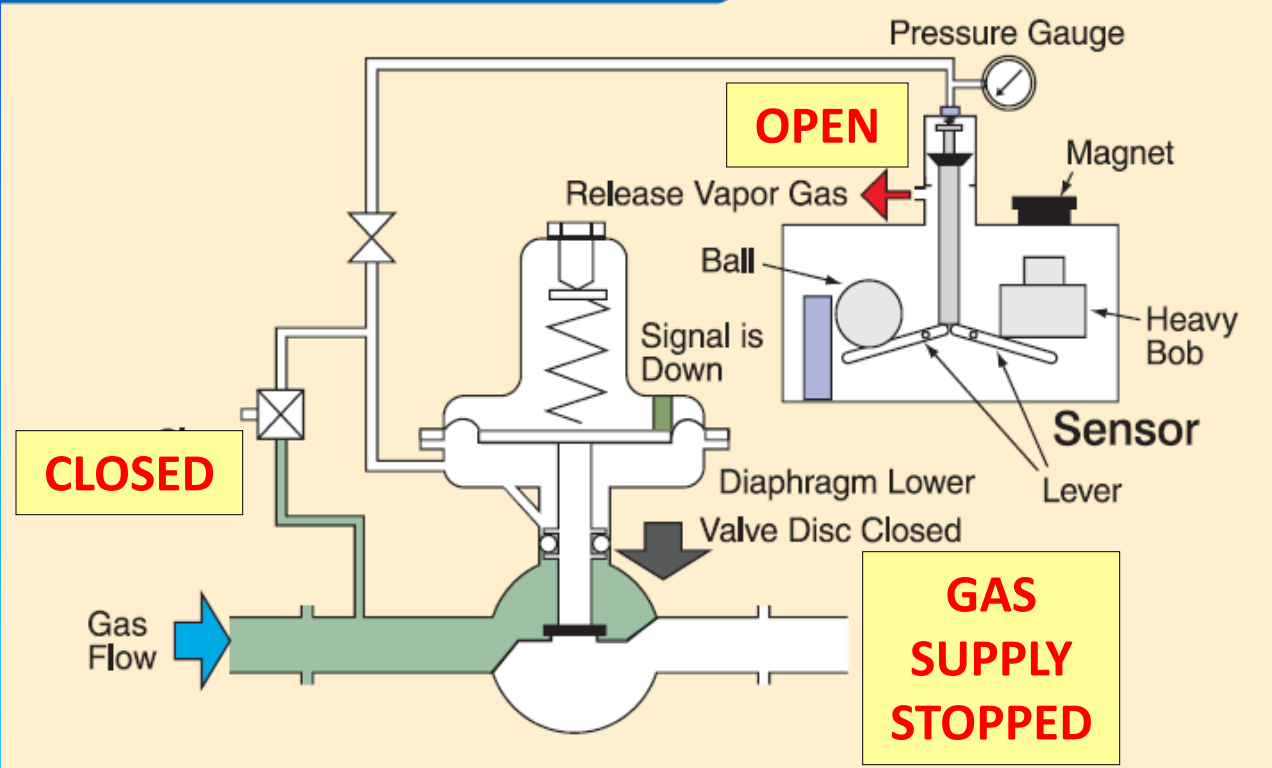
Mechanism Of Shut-Off

When Supplying Gas Normally

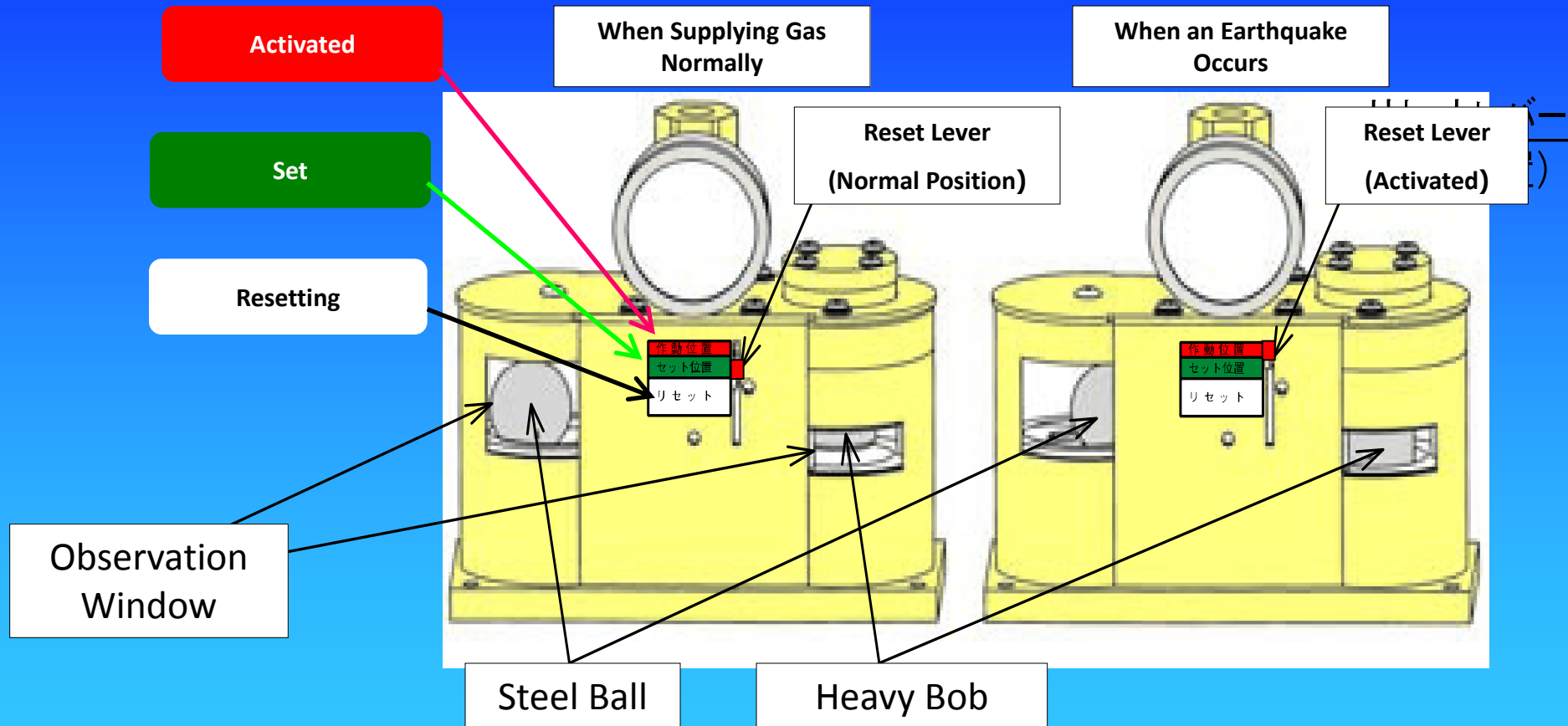


Mechanism Of Shut-Off

When an Earthquake Occurs



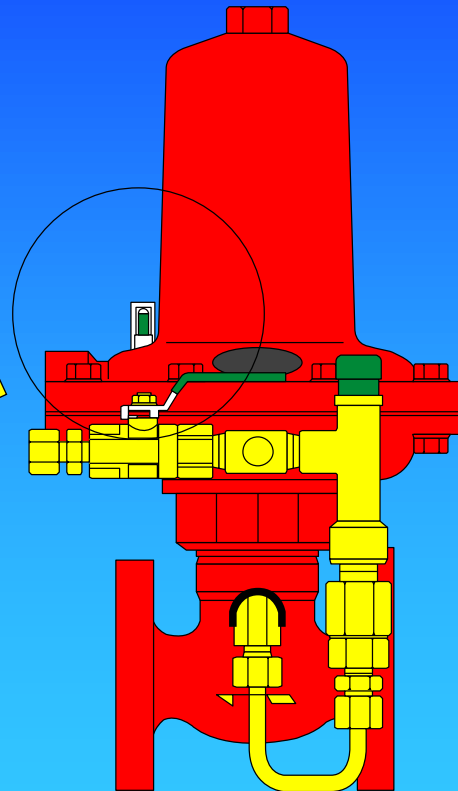
Earthquake Detecting Sensor



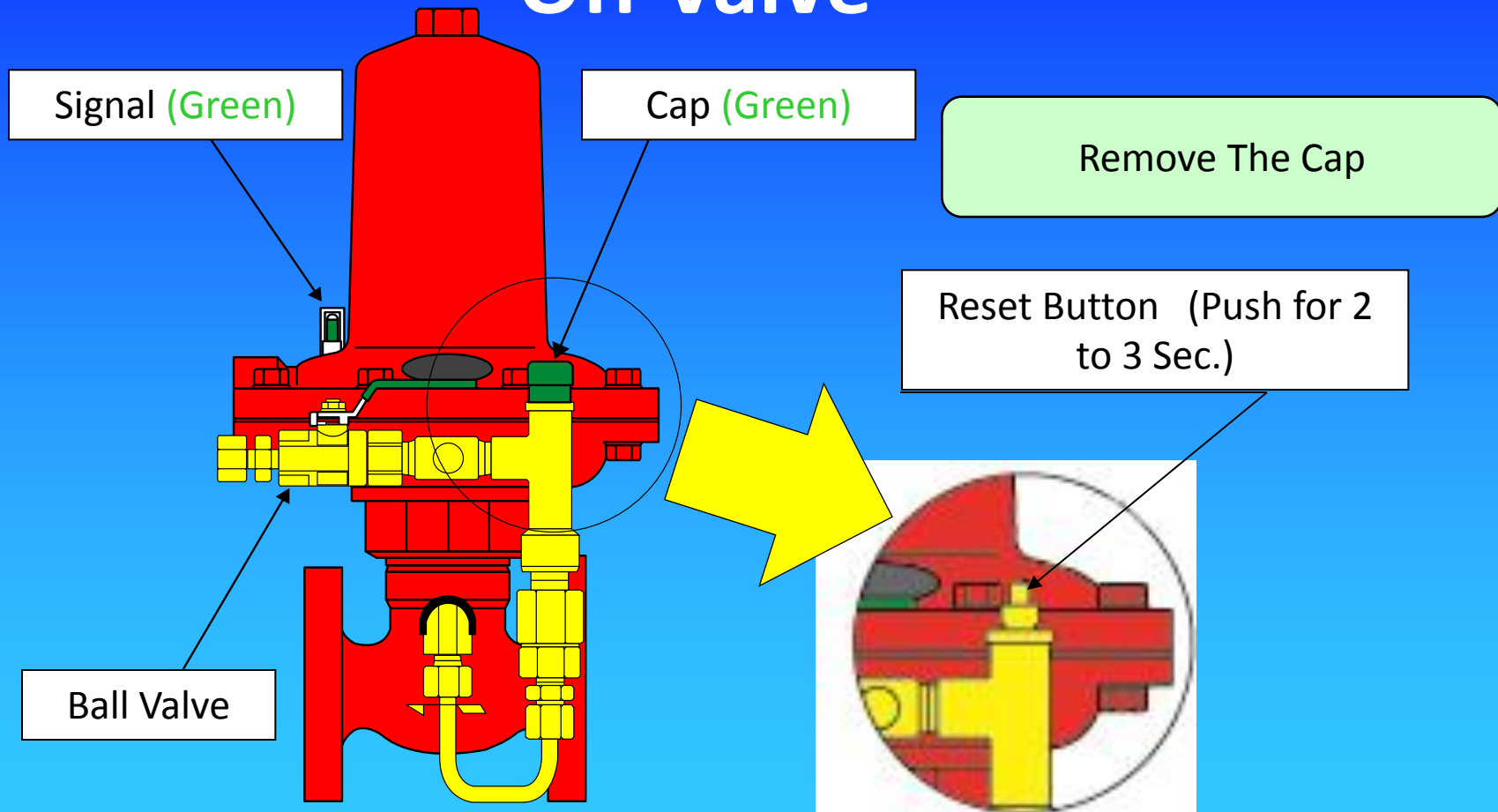
Shut Off Valve Signal

When this **GREEN** stick shows, the valve is **OPEN**.

The status is normal and gas is flowing.



Resetting the Earthquake-Proof Shut Off Valve



Earthquake-Proof Shut Off Valve

EQ Series

Working Pressure Range: 0.025 ~
0.20MPa (250 mbar ~ 2 bar)



EQH Series

Working Pressure Range: 0.07 ~
1.56MPa (700 mbar ~ 15.6 bar)



Earthquake Detecting Sensor

C2-250B・400B

Working Pressure Range: 0.025～
0.20MPa (250 mbar ~ 2 bar)



Relations between Gal and Intensity in Japan

ガルと震度の関係

(震度4以下は旧震度階に、震度5弱以上は日本建築学会試算による参考値)



震度 0

0.8Gal以下



震度 1

0.8~2.5Gal



震度 2

2.5~8.0Gal



震度 3

8.0~25Gal



震度 4

25~85Gal



震度 5弱

85~150Gal



震度 5強

150~270Gal



震度 6弱

270~475Gal



震度 6強

475~845Gal



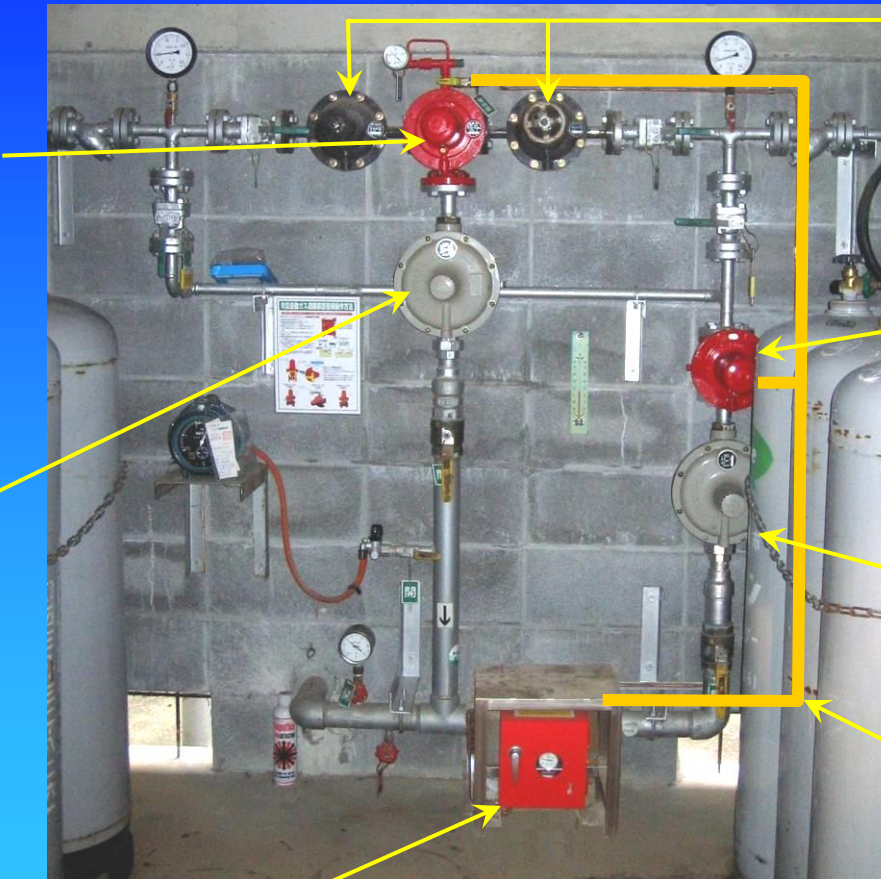
震度 7

845Gal以上

Installation Example - Japan

**Earthquake-Proof
Shut-off Valve**
Model: EQT-20

**Second-stage
Regulator**
Model: GL-70-2



**Automatic
Changeover
First-stage Regulators**
Model: AX-160-0

**Earthquake-Proof
Shut-off Valve**
Model: EQH-25

**Single-stage
Regulator**
Model: GL-70-1

**Sensor Impulse Line
(Copper Pipe)**

Seismic sensor
Model: C2-400B

Earthquake Detecting Sensor

CP-250B・400B

Working Pressure Range:

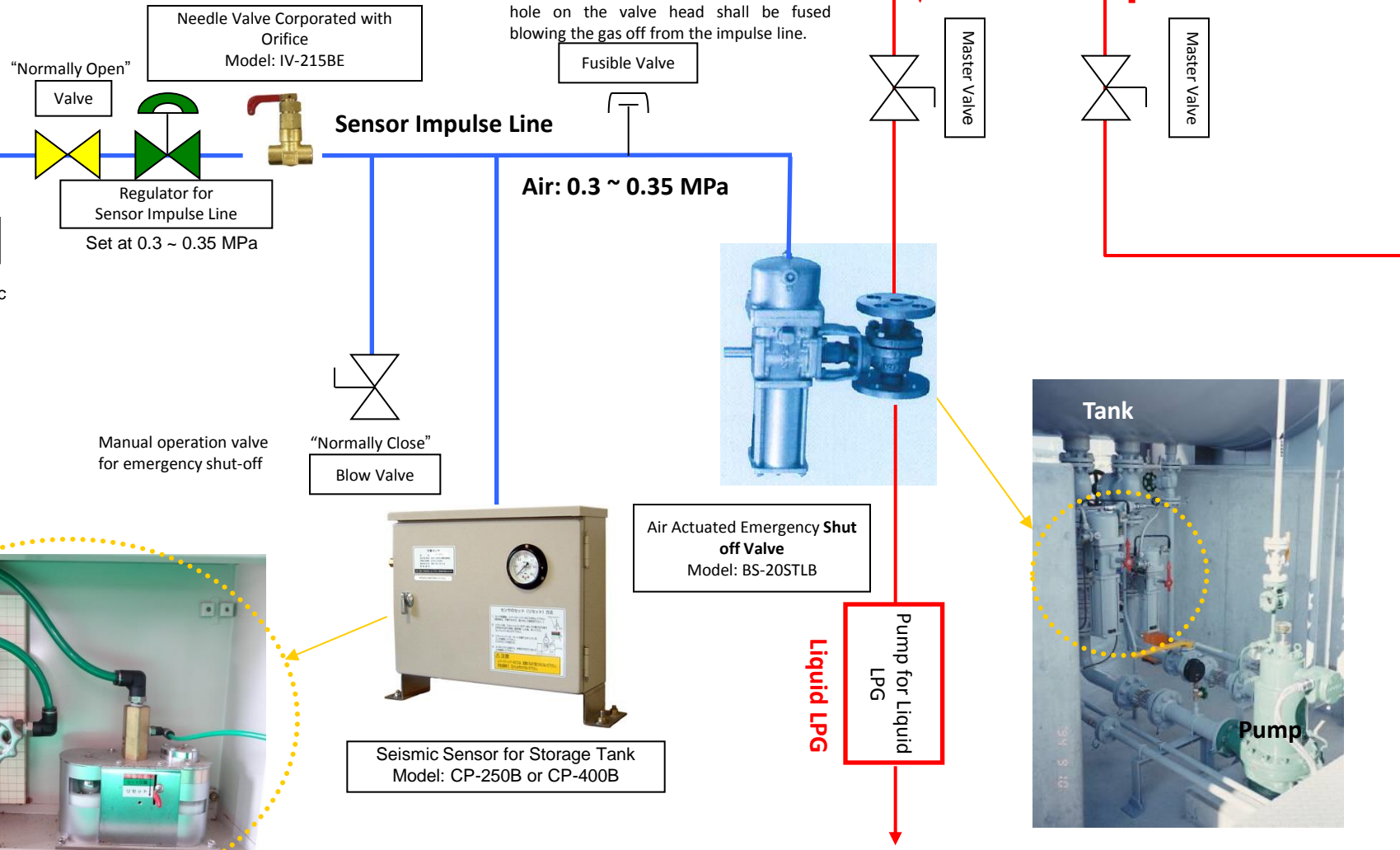
0.1~0.35MPa (1 bar ~ 3.5 bar)



Earthquake-Proof Automatic Gas Shut-Off System for Liquefied LPG or Tank Supply

- To limit the amount of the exhaust gas when the blow valve operates
- To refill the pressure into the sensor impulse line

In case of fire, the metal which seals the hole on the valve head shall be fused blowing the gas off from the impulse line.



Thank You for Your Time.

Arigato.