

**Master
Lock.**

**Oil and Gas industry
dedicated Lockout
Tagout solutions**



**PROTECT
YOUR EMPLOYEES**



OIL AND GAS INDUSTRY DEDICATED SOLUTIONS

Whether onshore or offshore, every operational and supply chain aspect of the oil and gas industry requires the most stringent checks to be in place for safety and security.

Corrosive, volatile, explosive and other hazardous materials are routinely used, therefore the whole environment is highly controlled and subject to strict procedures, standards and regulations that require constant training for the workforce.

Lockout Tagout (LOTO) products are often exposed to extremely harsh conditions during scheduled maintenance, shut downs and turn-arounds for the Oil & Gas industry. Therefore, LOTO product performance is critical in order to maintain worker safety in varying environmental conditions; from extreme temperatures to harsh material exposure such as sand, dirt, debris and corrosive chemicals.

Oil and Gas companies can rely on Master Lock's experience in Safety Solutions and adopt a wide variety of LOTO padlocks and devices that effectively meet the demands and conditions where lockout is performed in their environments, and a selection of tailored services to help develop a program adapted to their sites, write machine specific procedures and train affected employees.

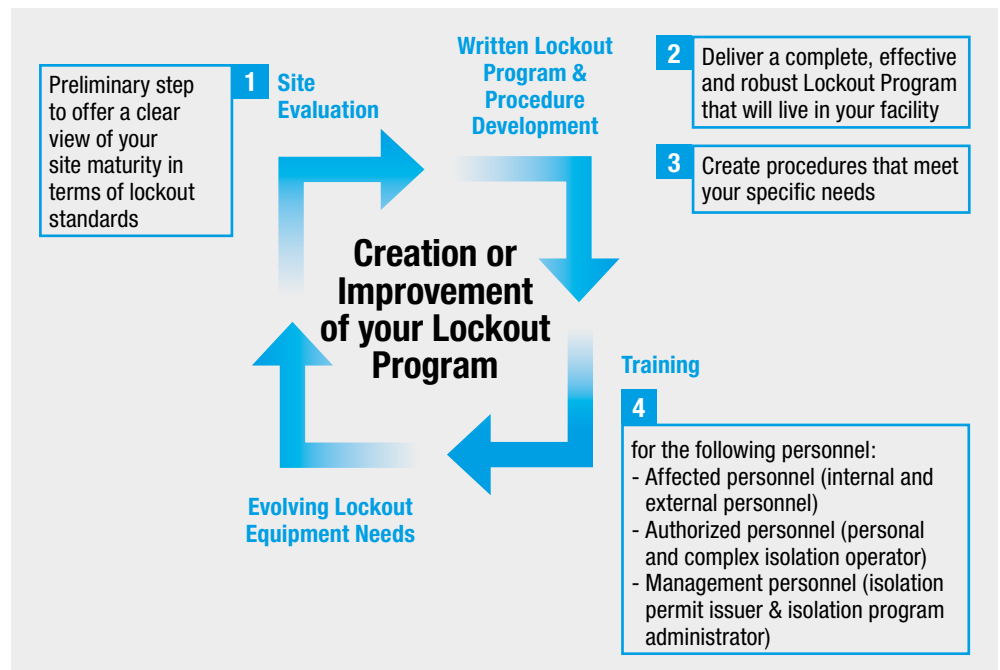


MASTER LOCK SERVICES



Defining and implementing a successful Lockout/Tagout system can be complex. To be efficient and effective, a safe isolation system requires a comprehensive review of the procedures, training and equipment, as well as

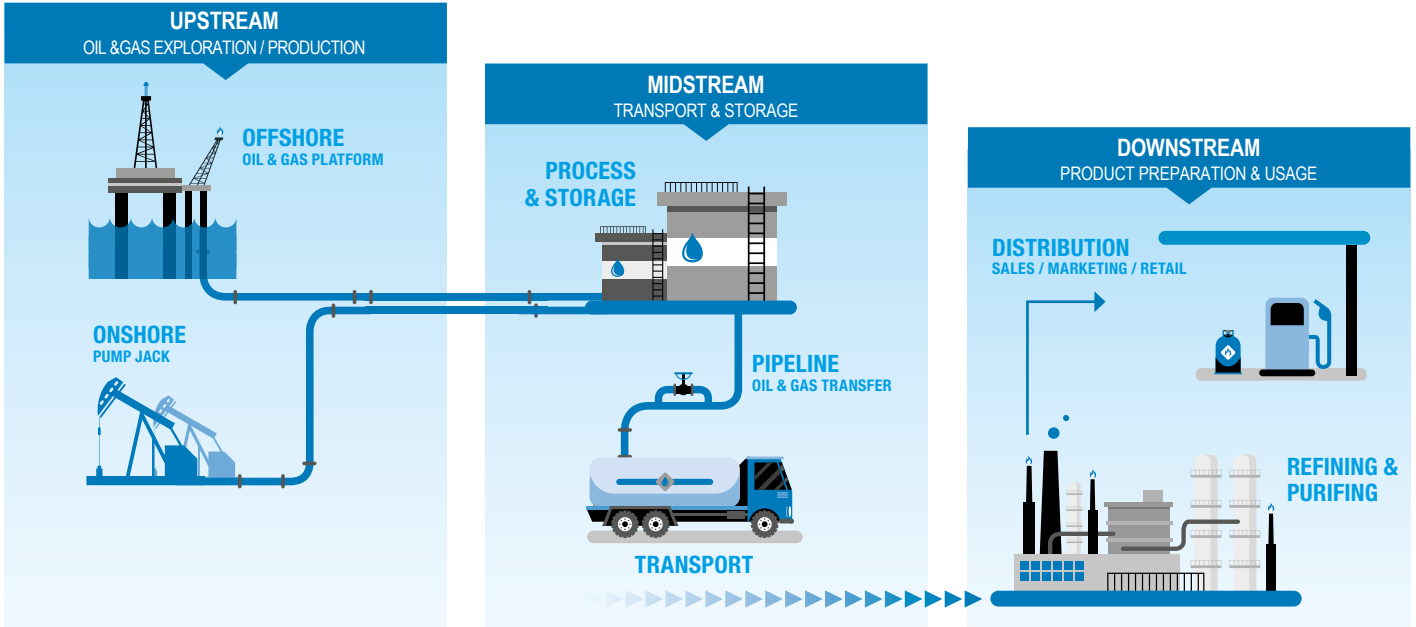
consideration of how work activities are undertaken. Our team has years of experience writing lockout programs and procedures. Whether you need to improve your existing program or develop an entirely new lockout program, we can help:



LOCKOUT TAGOUT SOLUTIONS

Master Lock provides solutions for lockout tagout operations at each step of the chain. All of them can be used in all ATEX zones*.

Durable materials and substantial designs resist unauthorized removal and prevent accidental re-activation.



- Choose our padlocks made of aluminum or Zenex™ material developed specifically to resist oil environments thanks to a **superior corrosion, UV exposure, extreme temperatures and chemicals resistance.**



- Add covers preventing dust and debris to enter padlocks and optimize their **protection and durability.**



- Create your **custom key system** thanks to various options (KD, KA, MK, GMK) and prevent duplicate keys from jeopardizing your lockout program, thanks to LifeGuard™ : a **free key charting service** that maintains a list of all key codes built for and assigned to a specific site.

LifeGuard

Suitable for use in explosive atmospheres



BLIND FLANGE LOCKOUT DEVICE



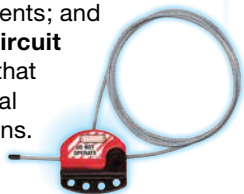
Provides the best practice solution to blind flange lockout during pipeline maintenance

- Four locking holes allow for multiple departments, shifts, permits or project leads to lockout the same blind
- Durable product that withstands tough environments
- Takes only seconds to apply.

For Gate valves' lockout, use our unique, patented **rotating design** that allows for easier installation. Its tough, lightweight, dielectric Zenex™ Thermoplastic body **withstands chemicals and performs effectively in extreme conditions.**



Master Lock developed a **general maintenance KIT** including products essentials for **universal lockout operation**, like our tough and flexible **adjustable lockout cable**, perfect for any lockout application and that withstands chemicals and extreme environments; and our **Grip tight™ circuit breaker lockout** that ideally fits electrical or valve applications.



Make sure your safety message is clearly visible for years with **Guardian Extreme Signs and Tags** that resist effectively water, grease, chemicals and extreme temperatures.



Master Lock offers many other Lockout solutions that can help you preventing accidents and successfully implement the best possible lockout/tagout program for your facility: Pressurized Gas Valve Lockout devices; Confined Space Covers; Group lock boxes...

*Please contact your Master Lock representative for the latest list of compliant products as the selection might evolve over time

OIL AND GAS INDUSTRY DEDICATED SOLUTIONS

PERIMETER AND PROPERTY SECURITY

Protect your properties to assure your promise of uninterrupted service. Perimeter gates, machines & equipment, remote substations and vehicles are

many of your utility's assets that must be secured against theft, vandalism and greater security threats.

Master Lock can help with a selection of dedicated solutions like padlocks, chains, safes...



American Lock® and Master Lock® solutions are unsurpassed in proven reliability and quality for superior protection. They are built to withstand tough conditions and protect your valuable cargos that require high security levels. For example, our hidden shackle padlock design provides maximum security against drilling, sawing and crowbars.

EDGE® KEY CONTROL SYSTEM



Simple and affordable key control security solution that strictly limits access to authorized personnel.

You can own a unique keying system that is exclusive to your facility.

This key system reserves key numbers just for you and restricts access to the key blanks making your specific authorization necessary for anyone to make duplicate keys.



Bluetooth™



4400EURD



4401EURDLH



5441EURD

Control the access to your facilities and your freight thanks to the Bluetooth technology



Keyless



No combination



Share access remotely



Temporary access management



Monitoring



Easy to use

Master Lock

www.masterlock.eu

MASTER LOCK EUROPE

Tel : +33.1.41.43.72.00 -

Fax : +33.1.41.43.72.01

E-mail : safeyeu@mlock.com