

What is Permit To Work (PTW) System?

A Permit to Work System or PTW is a standard operational procedure used by organizations to issue documented permission to perform tasks that are considered hazardous or non-routine. A permit to work form consists of specific instructions of the nature of the job, the time and place along with adequate information of critical safety procedures to follow.



Types of Work Permits

Hot Work Permit

A Hot Work Permit is required for any work involving open flames or heat sources that may cause a fire hazard, such as welding or soldering.

Cold Work Permit

A Cold Work Permit is necessary for non-hot work activities that still pose risks, such as electrical maintenance, equipment repairs, or painting.

High Risk Work Permit

A High Risk Work Permit applies to tasks that present significant risks, like working at heights, confined space entry, or handling hazardous materials.

Hot Work Permit



Welding

Welding operations require a Hot Work Permit due to the potential for sparks, flames, or molten metal, which can ignite materials nearby.



Cutting and Brazing

When using cutting torches or brazing equipment, a Hot Work Permit is necessary to ensure fire safety and prevent accidents in the workplace.



Open Flame Applications

Any work involving open flames, such as the use of blowtorches or gas-fired equipment, requires a Hot Work Permit to mitigate fire risks.

Cold Work Permit

1 Electrical Maintenance

Electrical maintenance tasks, such as installing or repairing electrical systems, require a Cold Work Permit to ensure safety and compliance.

2 Equipment Repairs

Cold Work Permits are necessary for activities like equipment maintenance, servicing, and repairs that do not involve heat-producing operations.

3 Painting and Surface Coating

Painting or applying surface coatings, including abrasive blasting and spray painting, require a Cold Work Permit to manage potential hazards.

High Risk Work Permit

1

Working at Heights

Tasks involving working at heights, such as roof repairs or scaffold installation, require a High Risk Work Permit to ensure fall protection measures are in place.

2

Confined Space Entry

Whenever workers need to enter confined spaces like tanks or manholes, a High Risk Work Permit is required to manage the associated risks.

3

Handling Hazardous Materials

Work involving the handling, storage, or disposal of hazardous materials necessitates a High Risk Work Permit to ensure proper precautions are taken.

Work Permit Validity

The Work Permit's validity depends on the task's duration, complexity, and associated risks. It is typically granted for a specific period, ensuring continuous safety assessment.