

Permit to Work System

Hofinsoft – Permit Solution Version : 1.1.0

Hofinsoft Permit System help the operation personnel in generating permits for the various work orders and maintenance raised as part of the maintenance activity.

Key Benefits

Safety of people and plant is improved with a system that has evolved to meet the ever increasing stringent safety requirements of hazardous operations worldwide

Risks are reduced by using a single application to address all aspects of permits to work, isolation control, hazard identification and risk analysis

The process industry handles large quantities of flammable and toxic materials, so the potential for serious accidents is clear. To prevent them it is vital that safe systems of work should be in place

When incidents do occur, human factors, such as failure to implement procedures properly, are often a root cause. These failures may in turn be attributable to a lack of training, instruction or understanding of either the purpose or practical application of a Permit to Work systems

A Permit System is not simply permission to carry out a dangerous job. It is an essential part of a system which determines how that job can be carried out safely. The permit should not be regarded as a statement that all hazards and risks have been eliminated from the work area. The issue of a permit does not, by itself, make a job safe. That can be achieved only by those preparing for the work and those carrying it out. The Permit system should ensure that authorized and properly trained people have thought about foreseeable risks and that these are avoided by using suitable precautions.

A permit-to-work system is a formal written system used to control certain types of work that are potentially hazardous. A permit-to-work is a document which specifies the work to be done and the precautions to be taken. Permits-to-work form an essential part of safe systems of work for many maintenance activities. They allow work to start only after safe procedures have been defined and they provide a clear record that all foreseeable hazards have been considered.

A permit is needed when maintenance work can only be carried out if normal safeguards are dropped or when new hazards are introduced by the work. Examples are, entry into vessels, hot work and pipeline breaking.

features of Permit system

- clear identification of who may authorise particular jobs (and any limits to their authority) and who is responsible for specifying the necessary precautions
- training and instruction in the issue and use of permits
- monitoring and auditing to ensure that the system works as intended.
- Incorporates and builds on knowledge and requirements of industry
- Exhaustive cross-referencing capabilities and other features/benefits
- Builds on significant industry experience and expertise of Howard Finley Consultants

The general functions of the Permit system are

- ❖ providing facility to classify the Permits and will also allow users to define statutory clauses for each class of permit.
- ❖ provide facility to define valid duration limits for permits.
- ❖ interact with PM Module by downloading work orders.
- ❖ allow enhancing of job description against the work orders.
- ❖ allow the maintenance department to allocate the necessary permits against work orders/
- ❖ provide facility to Operations department to create Permits against work orders. The status will be reflected to the maintenance department.
- ❖ Provide facility to print hard copies of the permits with an option to define the number of copies.
- ❖ allow extensions of permits and history of the same will be maintained.
- ❖ provide facility to close the permits and it will also provide facility for monitoring the status of the permits
- ❖ provide facility to upload permit status
- ❖ provide access through user defined security rights

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