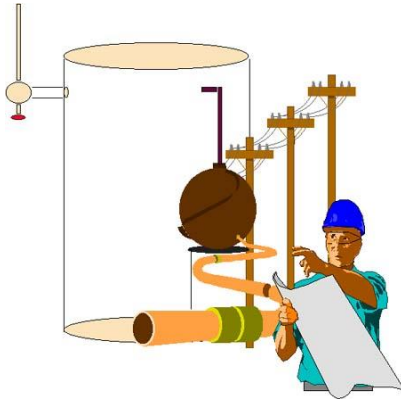


Confined Space → Permit Process / System

Controlling of the Permit Process :

The permitting process must include the following elements:

- A Risk Analysis, including the need for a competent person to assess such risks as oxygen or contaminants levels, temperature extremes, and concentrations of flammable substances
- Isolation procedures for contaminants and other energy sources
- Need for ventilation, the requirement for breathing apparatus
- The sign-in and sign-out of all persons entering the confined space; internal lighting and signalling
- Emergency lights, auxiliary lights
- Atmospheric protection conditions;
- Display of the permit
- Communication equipment
- Safety specification of equipment to be taken into the confined space
- Barricading (isolated the work area)
- Rescue plan and equipment
- Standby person
- All the work procedures.
- Modification possibilities:
 - If a new hazard is recognized or introduced during the course of work, then the permit must be modified and revalidated



SONASID Fiche de contrôle ou permis de travail en espace clos

Identification de l'espace clos :
 Localisation et accès des lieux :
 Profondeur :
 Nombre de divisions et superficie :
 Travail à l'air :
 Risques spécifiques :

Caractéristiques :
 Fiche d'évaluation des risques consultée :
 Stratégie d'intervention établie :
 Carénage/écoulement :
 Commentaires vérifiés :
 Vidange de l'espace clos effectuée :
 Nom :

Ventilation permanente en fonction :
 Spécification isolée :
 Analyse de l'atmosphère :
 Résultats avant l'entrée :
 Après l'ouverture :
 Après la purge :
 À l'extérieur

Nombre de prélèvement, fréquence :
 Taux d'oxygène (entre 19,5 % et 23 %)
 Gaz inflammables ou combustibles : 10 % LEL
 Sulfure d'hydrogène (H₂S) (max: 10 ppm)
 Monoxyde de carbone (CO) (max: 35 ppm)
 Dioxyde de carbone (CO₂) (max: 5000 ppm)

Résultats de l'analyse spécifique :
 Accès :
 Ouverture de l'espace clos :
 Ventilation d'appui :
 Purge, temps d'attente :
 Forcage :
 Désinfection :
 Équipements de protection individuelle :
 Protection respiratoire :
 Intérieur de sécurité pour chacun :
 Lunettes, gants, bottes, masque (spécifier) :

Équipements de travail :
 En cas d'urgence, signaler :
 Nom :
 Signature des travailleurs :
 Signature du surveillant :
 Date :



Permits are valid for up to 12 hours or remainder of shift - whichever is less.

When work is completed, permit form should be returned to safety.

Safety Checks, Hazard Identifications and Risk Assessments (HIRA) are the most important actions before entering a Confined Space

Required checklist for a CS Work Permit

- ☒ ☒ ☐ The entrants are ArcelorMittal personal ?
- ☒ ☒ ☐ The entrants are Contractors ?

The permit contains following information's :

- ☒ ☒ ☐ Date and authorized duration of entry
- ☒ ☒ ☐ The location of the permit space,
- ☒ ☒ ☐ The purpose of the entry,
- ☒ ☒ ☐ The hazards of the permit space to be entered and the acceptable entry conditions,
- ☒ ☒ ☐ The identity of each authorized entrant, each attendant and the entry supervisor,
- ☒ ☒ ☐ The measures to be taken to isolate the permit space and to eliminate or control permit
- ☒ ☒ ☐ Space hazards before entry,
- ☒ ☒ ☐ The results of initial and periodic tests performed with the identity of testers,
- ☒ ☒ ☐ The name and telephone numbers of rescue and emergency services and means to be used to contact them,
- ☒ ☒ ☐ The additional permits, such as for hot work, that have been issued authorizing work in the permit space,
- ☒ ☒ ☐ Special equipment and procedures, including PPE and alarm systems?
- ☒ ☒ ☐ Is the permit signed by all the concerned party's before entering?

- ☒ ☒ ☐ Are specific sign in and out fields in case of entering and leaving the confined space on the permit ?
- ☒ ☒ ☐ Are permits cancelled if new conditions have to be noted.

This document has to be used as a help before starting the work or performing a SFA