

10 PERMITS

10.1 General

Since the majority of the assets are buried underground, prior to start of any repair (underground works) it is mandatory to obtain clearance from the various service Departments.

The DMAT / Consultant will ensure written permission is obtained before entering a 'live system', including those which may have been constructed and handed over as part of the Works of the Contract. This authorization shall not be given until the Contractor has fulfilled the requirements set out in the "Permit to Work" (PTW) form.

10.1.1 Identification of 3rd Party Utilities

Before commencing any excavation work including traffic control, all necessary permits and all necessary notifications to government, public entities, including the DMAT and Consultants, the location of any existing utilities on the site that may be impacted shall be secured.

Active utilities on the site shall be carefully protected from damage, relocated or removed as required by the work. When an active utility line is exposed during excavation, its location and elevation shall be plotted in the record drawings and both the Engineer and the utility owner notified in writing.

Inactive or abandoned utilities encountered during excavation may be removed, plugged or capped if approved by the utility company. The location of such utility shall be noted on the record drawings and reported in writing to the Engineer.

Active utility lines damaged during the course of excavation shall be repaired or replaced as determined by the Engineer and where applicable, at the Contractor's expense. Immediately an active utility line is damaged, the Engineer shall be notified and the utility owners by telephone and followed in writing by fax and/or letter.

10.2 Permit to Work

Major maintenance/inspection and overhaul procedures, which require shutdown of the plant for more than two hours irrespective of availability of standby plant shall be coordinated with a 'Permit to Work' system through the DMAT/Engineer. The Contractor shall submit a request for 'Permit to Work' at least 48 hours before the proposed shutdown along with his detailed method statements ensuring the continuous operation.

Purpose of Permit

To ensure that any work carried out by persons on any pumping apparatus, is properly controlled and monitored so that the work is carried out safely with minimum risk to all.

When to Issue the Permit

When the work to be carried out could present a significant risk to personnel, equipment or apparatus, e.g. the requirement to Enter into Confined Spaces, etc.