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UNI PDR / GUIDELINE ON LOW ENVIRONMENTAL IMPACT UNDERGROUND INFRASTRUCTURE TECHNOLOGY

ABSTRACT

In order to disseminate, facilitate growth and answer to the growing needs of the no-dig technology market, two of the tools deemed necessary are a price list and a voluntary reference of technical standardization.

Referring to the latter point, in order to meet the needs of a market that in an innovative and fast changing context requires timely solutions, UNI (the Italian Standardization Body) decided to develop a new standardization tool called Prassi di Riferimento - (Best Practice Reference), which are guideline specifications aimed at technological and innovative transfer; particularly useful since the development of a full technical standard is not yet possible.

IATT seized the opportunity and developed a series of Best Practice References in collaboration with UNI, in various sectors of trenchless technology, making use at all times of a Permanent Technical Commission (CPT). These documents were elaborated on the basis of a rapid sharing procedure with final approval by a joint IATT-UNI commission.

The UNI/PdR contain technical specifications regarding innovative matters for the application of no-dig technology to network services (water, gas, sewerage, telecommunications, electricity) and provide technical indications for designers, contractors and clients.

The UNI/PdR, which are structured according to an “I know, I choose, I design, I do and I check” path.

The paper will provide a synthesis of the contents of numerous UNI/Best Practice