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First edition
2005-08-15

Polyethylene pipes and fittings for the supply of gaseous fuels or water — Training and assessment of fusion operators

*Tubes et raccords en polyéthylène pour le transport de combustibles
gazeux — Formation et évaluation des opérateurs de soudage*



Reference number
ISO/TR 19480:2005(E)

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Published in Switzerland

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

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In exceptional circumstances, when a technical committee has collected data of a different kind from that which is normally published as an International Standard ("state of the art", for example), it may decide by a simple majority vote of its participating members to publish a Technical Report. A Technical Report is entirely informative in nature and does not have to be reviewed until the data it provides are considered to be no longer valid or useful.

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ISO/TR 19480 was prepared by Technical Committee ISO/TC 138, *Plastics pipes, fittings and valves for the transport of fluids*, Subcommittee SC 4, *Plastics pipes and fittings for the supply of gaseous fuels*.

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Introduction

The quality of a piping system for the supply of gaseous fuels or water is to a large extent determined by the skills of the operators involved in installing the network. When installing polyethylene (PE) pipes, the quality of the fusion joints is essential for the piping system.

Since fusion joints in PE piping systems can be made using various technologies, it is important that the fusion operators are trained and competent in the fusion technology employed in constructing PE networks.

Continued competence of the fusion operator is covered by periodic re-training and re-assessment.