

ISO 13470:2012-07 (E)

Trenchless applications of ductile iron pipes systems - Product design and installation

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Trenchless technologies	3
4.1	General	3
4.2	Horizontal directional drilling (HDD)	3
4.3	Pipe bursting (PB)	5
4.4	Casing method (CM)	6
4.5	Pipe jacking (PJ)	7
5	Technical requirements	8
5.1	General requirements	8
5.2	Coatings and linings for pipes	10
5.3	Joint protection	11
6	Performance requirements joints	12
6.1	General requirements	12
6.2	Requirements for joints for pulling methods	12
6.3	Joints for pushing method	13
7	Test methods	15
7.1	Pulling force resistance measurement	15
7.2	Pushing force resistance	15
8	Laying procedure	16
8.1	General	16
8.2	Pulling methods	16
8.3	Pushing methods	17
8.4	Site pressure test	18
8.5	Safety procedures	18
Bibliography		19