

WANG Xiaolin,SHUAI Jian, SONG Hongbo, ,et al. Identification and hierarchical management of high-consequence areas in oil pipelines [J].China Safety Science Journal,2015,25(06):129-135.

[8] 董绍华, 杨祖佩. 全球油气管道完整性技术与管理的最新进展 [J] . 油气储运, 2007,26(2):1-17.

DONG Shaohua,YANG Zuipei. The world oil & gas pipeline integrity management and technology latest development and Chinese pipeline counter measuie [J].Oil &Gas Storage and Transportation ,2007,26(2):1-17.

[9] 王弢, 帅健. 管道完整性管理标准及其支持体系 [J] . 天然气工业 , 2006, 26(11):126-129.

WANG Tao,SHUAI Jian.The feature of the standards of pipeline integrity management and its supporting regulations system[J]. NATURAL GAS INDUSTRY, 2006, 26(11):126-129.

[10] 赵新伟, 李鹤林, 罗金恒, 等. 油气管道完整性管理技术及其进展 [J] . 中国安全科学学报, 2006,16(1):129-135.

ZHAO Xinwei,LI Helin, LUO Jinheng,et al. Managerial technique for integrity of oil and gas pipeline and its progress[J].China Safety Science Journal,2006,16(1):129-135.

[11] 冯庆善, 张华兵, 王富才, 等. Q /SY 1180. 1-2009 管道完整性管理规范 [S]. 北京: 石油工业出版社, 2009.

FENG Qingshan,ZHANG Huabing,WANG Fucai, et al. Q /SY 1180. 1-2009.Pipeline integrity

management specification[S]. Beijing:Petroleum Industry Press,2009.

[12] 董绍华. 四维管理是管道完整性管理发展的必然趋势 [J] . 天然气工业 , 2007,27(12):147-151.

DONG Shaohua.The four-dimensional management is the inevitable trend of pipeline integrity management[J].Natural Gas Industry,2007,27(12):147-151.

[13] 黄维和, 郑洪龙, 吴忠良 . 管道完整性管理在中国应用 10 年回顾与展望 [J]. 天然气工业 , 2013, 33(12): 1-5.

[HUANG Weihe ,ZHENG Honglong ,WU Zhongliang. 10 years review and prospect of pipeline integrity management in China[J]. NATURAL GAS INDUSTRY, 2013,33(12): 1-5.

[14] 董绍华 . 管道完整性管理体系与实践 [M]. 北京 : 石油工业出版社 , 2009.

DONG Shaohua. Pipeline integrity management system and practice[M]. Beijing: Petroleum Industry Press, 2009.

[15] 杨筱衡, 严大凡 . 逐步实施我国油气管道的完整性管理 [J] . 天然气工业 , 2004, 24(11):120-123.

YANG Xiaoheng,Yan Dafan. Gradually fulfill integrity management of oil/gas pipeline in China [J]. NATURAL GAS INDUSTRY, 2004, 24(11):120-123.

(作者单位：京津冀物流公司)

