

6 REFERÊNCIAS BIBLIOGRÁFICAS

[1] JOHN L. LOTH , GARY J. MORRIS, (MIKE) GEORGE M. PALMER AND GRADUATE STUDENTS: RICHARD GUILER AND DEEPAK MEHRA – **“Technology Assessment of On-line Acoustic Monitoring for Leaks Infringements in Underground Natural Gas Transmission Lines”** West Virginia University Task 3 for DOE Contract DE-FC26-02NT413424 Monitor: Daniel Driscoll, NETL Morgantown, WV, USA January 5, 2003.

[2] JOLLY, W.D., MORRROW, T.B., O'BRIEN, F.F., SPENCE, H.F., AND SVEDEMAN, S.J., **“New Methods for Rapid Leak Detection in Offshore Pipelines”**, Final Report for U.S. Department of the Interior Minerals Management Service, pp. 1-84, April 1992.

[3] HUEBLER, J.E., **“Detection of Unauthorized Construction Equipment in Pipeline Right of Ways”**, Presentation given at U. S. Department of Energy, National Energy Technology Center Natural Gas Infrastructure Reliability Industry Forums, Morgantown, WV, September 2002.

[4] RENAN MARTINS BAPTISTA, WELLINGTON CAMPOS, FELIPE BASTOS DE FREITAS RACHID, JOSÉ HENRIQUE CARNEIRO DE ARAÚJO, **“Uma Nota sobre a Incerteza Associada à Localização de Vazamentos”**, This paper was prepared for presentation at the 3rd Seminar on Pipeline, held in Rio de Janeiro, Brazil, 21-23 November, 2001.

[5] SHACK, W.J., ELLINGSON, W. A., AND YOUNGDAHL, C.A., **“Development of a Noninvasive Acoustic Leak Detection System for Large High Pressure Gas Valves”**, ISA Transactions, Vol. 19, No. 4, pp. 65-71, 1980.

[6] JÚLIO ALONSO, **“Sistemas de Detecção e Localização de Vazamentos por Acústica”**, Este Trabalho Técnico foi preparado para apresentação na Rio Pipeline Conference & Exposition 2003, realizado no Rio de Janeiro, no período de 22 a 24 de Outubro de 2003.

[7] RENAN MARTINS BAPTISTA, CARLOS HENRIQUE WILDHAGEN MOURA, **“Leak Detection Systems for Multiphase Flow – Moving Forward”**, Proceedings of IPC 2002, International Pipeline Conference 2002 Calgary, Alberta, Canada , September, 29-October 3, 2002.

[8] WALTER E. HYDE (Halliburton Company), **“Pipeline Leak Locator Plug”**, U.S. Patent 3,768,304, c. 10/30/73, f. 03/27/72 (Appl. 238,031).

[9] J.K. MCCARRON, asr.; (Shell Oil Co), **“Leak Detector for Fluid Conductors”**, U.S. Patent 3,782,172, c. 1/1/74, f. 9/1/72 (Appl. 285,761).

- [10] WILLIAM M. BUSTIN, HARRY C. COOK (Esso Co.), “**Pipeline Leak Detector**”, U.S Patent 3,561,256, c. 02/09/71, f. 03/28/69, (Ser. No. 811,519).
- [11] ZHANG, X. J.. “**Statistical leak detection in gas and liquid pipelines.**”, *Pipes & Pipelines International*, July:26-29, 1993.
- [12] FURNESS, R. A and VAN REET, J. D.. “**Pipeline leak detection techniques.**” pp1-18. In *Pipes and Pipeline International*, 1986. Proceedings of Pipeline Integrity Monitoring Conference, Oct. 29-30, Aberdeen.
- [13] LIOU, J. C. P. and TIAN, J., “**Leak detection – transient flow simulation approaches.**” *ASME Journal of Energy Resources Technology*, 117:243-248.
- [14] MEARS, M. N., “**Real world applications of pipeline leak detection.**”, Proceedings of the International Conference on Pipeline infrastructure II, ASCE, 189-209, San Antonio.
- [15] ROCHA, M. S., “**Acoustic Monitoring of Pipeline Leaks**” Paper # 89-0333, ISA, 1989
- [16] Igal Brodestky e Michael Savic, “**Leak Monitoring System for Gas Pipelines**”, Electrical Computer and System Engineering Department Signal and Speech Research Laboratory Ressenlaer Polytechnic Institute, Troy, New York, 12180.
- [17] R. C. McMASTER, editor, “**Non Destructive Testing Handbook, Vol 1: Leak Testing.**” American Society of Metals, 1982.
- [18] KOVECEVICH, J.J., SANDERS, D.P., NUSPL, S.P., ROBERTSON, M.O., “**Recent Advances in Application of Acoustic Leak Detection to Process Recovery Boilers**”, Babcock and Wilcox Report No. BR-1594, pp. 1-7, <http://www.babcock.com>, September 1995.
- [19] MEASUREMENT SPECIALTIES, INC. SENSOR PRODUCTS DIVISION “**Piezo Film Sensors Technical Manual**”, www.msiusa.com, e-mail: sensors@msiusa.com. 950 Forge Avenue, Norristown, PA 19403.