

Mumbai Branch

Mumbai Branch organized a series of activities during the last couple of months. On 24th April 2005, A lecture entitled 'Managing business in changing scenario' was delivered by Mr. N.R. Parameswaran. On 20th May a lecture entitled 'Advancement in Waterjet Cutting' was

delivered by Mr. R.T. Jagasia. A lecture entitled 'Purging and monitoring of Weld Steels' was delivered by Mr. Darren Sewell. On 26th August Mr. V.M. Pavaskar delivered a talk on Welding of duplex stainless Steels. A lecture was delivered by Mr. M.R. Jain and the topic was of 'Inspection and Weld Repair of Pressure vessels-a case study' On 23rd September. ■

BOOK REVIEW

GUIDE TO WEAR PROBLEMS AND TESTING FOR INDUSTRY

By M.J. Neale and M. Gee

Professional engineering publishing Ltd

London and Bury St. Edmonds UK. 150 pages

Wear and failure have been constantly engaging the attention of many plant personnel. Constant efforts are being made to evolve methods, techniques to resist wear due to a variety of service conditions in industries. Wear tests can be useful in assessing the relative behavior of materials and helps in approximately grading them for a specific application. This book provides an in depth knowledge on this subject.

After detailing the types of wear in the initial chapter, the book proceeds to give details on how to simulate the actual wear condition in tests. Detailed tables have been provided giving the wear process with examples and the tests, which can be used for assessment. This can form a good guide for those who are wondering as what test method can be used for assessing a material, weld metal suitability for a specific service condition. Guidance on procedures to be followed for examining the worn

out surface of the specimen after the tests are also given in detail. The entire process of wear testing has been split in to six simple steps comprising of

- 1) Identification of a wear problem
- 2) Identification of the dominant wear mechanism
- 3) Deciding on the action to be taken
- 4) Choosing an appropriate wear test
- 5) Planning appropriate series of tests
- 6) Carrying out the wear test program
- 7) Assessing the results

Two separate appendix give details on several wear tests (and procedures) like ASTM G132, G65, B611, G105, G99, G75, G133 G32, G76 covering a wide variety of wear conditions.

It is very difficult to find so much information in a single book and the compilation will be very useful for every one who is dealing with wear. It can be used as a single reference book.

By **R. RAVI** ■



Phone : 2243-1254, 2210-3849
GRAM : BUTELBOW
FAX NO. : 033-2242-6091
E-mail : n_l_hazra@hotmail.com

n. l. hazra & son

HOUSE OF BUTT-WELDED & PIPE FITTINGS, VALVES

36, STRAND ROAD. (GROUND FLOOR) KOLKATA-700 001

Regd. Office & Factory :
ARUPARA, G.I.P. COLONY, HOWRAH-711 321, W.B., PHONE : 2653-4084/3576