

SOCIETY NEWS

Meetings

Four meetings of the Governing Council were held to transact the business of the Society.

New Members

Fellows : Dr. V. A. Altekar, Jamshedpur ; Sri S. K. Seshadri, Bangalore ; Sri R. J. Vaidya, Bangalore ; Dr. R. Narayan, Madras ; Dr. B. A. Appa Rao, Vijayawada ; Sri R. K. Lal, Bombay ; Sri A. Suresh (on conversion from member)

Members : Sri G. L. Nagaraja, Bangalore ; Sri P. B. Shah, Bangalore ; Dr. K. Elayaperumal, Bombay (on conversion from Associate Member) ; Sri M. T. Louis Bangalore ; Sri George Antony, Bangalore ; Sri G. L. Sharma, Jaipur ; Sri G. Ramakrishna, Bangalore ; Dr. A. N. Gupta, Bhubaneshwar ; Dr. Vasant koppa, Bangalore ; Dr. T. R. Sukul, Sagar ; Dr. U. G. Kishnam Raju, Secunderubad ; Sri V. Manaiah, Hyderabad ; Sri G. N. Chandra Mouli, Bangalore ; Sri M. K. Mohan, Varanasi.

Associate Members : Sri N.C. Subramanyam, Nalamangala ; Sri G. Mohan Rao, Bangalore ; Sri V. Venateswara Sastry, Madras ; Sri D.S. Tomar, Sagar; Sri M. Dikshit Suresh, Aurangabad.

Student Members : Sri Rajani, Rohtak ; Sri K. L. Phani, Madras ; Sri D. Prem Kumar, Bangalore.

General News

Inauguration of Jamshedpur Chapter of E. C. S. I. Prof. V. A. Altekar, Director, N. M. L., Jamshedpur and a Life Fellow of E. C. S. I., Inaugurated the Jamshedpur Chapter of the Electrochemical of India, on April 30. 1981. Dr. P. Prabhakaram, Fellow and Chairman of the Local Section, welcomed Prof. Altekar and introduced the Guest Speaker, Sh. R. N. Misra.

Dr. S. K. Narang, Fellow and the Secretary of the Local Section, highlighted the activities of the Electrochemical Society of India. He appealed for cooperation of all by enrolling themselves as Members of the Society.

Prof. Altekar mentioned in his inaugural speech that he had the privilege of being associated with the Society for a long time and was glad to note the opening of the Local Chapter at Jamshedpur. He opined that Electrochemical Technology is one of the most important disciplines and the Local Chapter can play an important role especially in the Eastern region of the country. Since Electrochemistry covers wide areas of interest, such as electrometallurgy, Electrowinning, corrosion, electroplating, electro-refining etc., he emphasized the need of interaction of people from various disciplines and team work for increasing the activities of the Local Chapter. He hoped that he would look forward to an increased tempo in electrochemical research at the National Metallurgical Laboratory and other places in the

eastern region, with the opening of the Jamshedpur Chapter of the Society.

Sh. R. N. Misra, Chief Chemist. H. C. L., Ghatsila, and recipient of national Metallurgist Day Award, delivered a technical lecture on "Electro Refining and Recovery of Precious Metals" (arranged jointly by E. C. S. I., N. M. L. and I. I. M. Jamshedpur Chapter. The lecture was quite interesting, and was followed by a lively discussion.

Dr. S. K. Narang proposed a vote of thanks

Eight Annual Technical Conference of the Powder Metallurgy Association of India will be held at Hyderabad in March 1982. Papers are invited for presentation at the conference. The technical Session will cover (1) Manufacture, testing and characterisation of powders. (2) Powder compaction and sintering (3) Manufacture and application of sintered products. (4) Powder Metallurgy of special materials and superalloys. For further details please contact ;

Shri N. T. George, Convenor, Eight Annual Technical Conference, Powder Metallurgy Association of India H. No. 47, MIGH, New Santoshnagar, Colony Hyderabad-500 659.

M/s. Canning Mitra Phoenix Ltd., Bombay, has just published a handy "Pocket Book for Electroplaters 1981". It appears to be a miniature version of their Handbook which has been very popular. The pocket book contains 236 pages of which 220 pages cover tha details regarding various plating baths for Cu, Ni, Cr, Zn, Cd, Sn and Ag. A section is on Anodising. Data required by electroplaters are contained in the last 16 pages. Though printed in small type the test is clear and readable.

It will be very useful for electroplaters in general and those using salts of the Company's manufacture in particular. It is priced at Rs. 20.

Health Hazard Alert on 2-Nitro Propane (2-NP) as a Suspect Cause of Cancer : International Occupational Safety and Health Hazard Alert System has alerted for 2-NP through the Directorate General Factory Advice Service and Labour Institutes, Central Labour Institute Building, Sion, Bomaby - 400 022.

2-Nitro propane (other names : Dimethyl nitromethane, Isonitropropane. Nitroisopropane, NI-Par-6-20 TM, NI-Par-S-30-TM) Formula CH_3-CH (NO_2)-CH_3 is a hazardous chemical-a confirmed animal carcinogen and a suspect cause of cancer in humans. The permissible limit for exposure is 25 ppm which cannot be detected by odour since its detecting power by order is 83-160 ppm and hence greater danger for exposure by the following users/processers :

> Casting vinyl and epoxy paints and resins, Nitrocellulose paints, chlorinated rubber paints, Printing (Rotogravure and Flexographic) inks, Ship building and maintenance (Marine coatings), Furniture painting, Plastic products, Adhesives, Highway Maintenance (Traffic Markings), etc.

Symptoms of acute exposure are reported to be nausea vomiting, diarrhoea, anovexia, severe headache etc., Liver and Kidney systems may be affected from prolonged exposures. Symptoms of toxic hepatitis have been reported.

For guidelines of health and safety measures and further details can be had from : Dr. R. P. Dambal, Secretary: Electrochemical Society of India, Indian Institute of Science, Bangalore-560 012.