

b) at 85 percent of rated voltage and supply frequency.

Temperature rise test at rated voltage
Run the pumpset at rated voltage and at maximum current in the operating head range for 2 h. Stop the set and measure the winding resistance and water temperature within 30s. Temperature rise computed by resistance method as per 19.2 of IS 9283 shall not exceed 35°C.

7.4.6.4 Temperature rise test at reduced voltage

Carry out this test immediately after test at rated voltage. Run the set at maximum current in operating head range at rated voltage. Reduce the voltage to 85 percent of rated voltage in this condition. Run the pumpset for 1 h and measure the winding resistance.

Temperature rise so computed shall not exceed 45°C.

Water temperature in both the above tests in 7.4.6.3 and 7.4.6.4 shall not exceed 45°C.

(Page 7 clause 10.2.2) Substitute “7.7.1 of IS 11346:1985” by “ 7.5.2 of IS 1346:2002”

*(Page 8 & 9 and in figures 5 & 6) – The words “Head in metres” in Y – axis to be substituted by “Head per stage in metres”

Note:

* - Since the clause 1. Scope of the standard covers single or multistage submersible pumpset and, to correct the standard inline with the other existing pump standards IS:8034 – 2002 and IS: 9079 – 2002, the modification was suggested in pump seminar held at Coimbatore on 6.2.2009.



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Fortnightly Newsletter

Activities from 1st May 2009 to 15th May 2009

Session on, “UK Aerospace & Automotive Sectors”

We jointly with Confederation of Indian Industry, Coimbatore Zone had organized a Session on, “UK Aerospace & Automotive Sectors” by Dr. Maghin Tamarasan, Associate Director, Strategic Business, QinetiQ, UK on 5th May 2009 at our Association.

Meeting with Sri D. Raja:

Sri G. Rajendran, Past President met Sri D. Raja, General Secretary, Communist Party of India and Sri K. Subbarayan, Member of Parliament, Coimbatore on 6th May 2009 and discussed about the industrial scenario in Coimbatore.

Felicitation:

Sri Jayakumar Ramdass, President attended a get-together on 6th May 2009 to felicitate Sri C.R. Swaminathan, Chief Executive, PSG Institutions on his election as the Chairman of

Confederation of Indian Industry, Southern Region organized by CODISSIA.

Felicitation:

Sri R.R. Ranganathan, Vice-President attended a get-together on 7th May 2009 to felicitate Sri C.R. Swaminathan, Chairman, Confederation of Indian Industry, Southern Region organized by Coimbatore Productivity Council.

Committee Meeting:

Sri R.R. Ranganathan and Sri V. Lakshminarayanan, Vice-Presidents attended the Managing Committee Meeting of Indian Chamber of Commerce & Industry Coimbatore on 11th May 2009 at Chamber Towers.

Special Technical Committee Meeting:

We had convened a Special Technical Committee Meeting to discuss about the



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Agenda for 14th Sectional Committee of ET 15, BIS to be held on 18th May 2009 at New Delhi.

Meeting with Director General, BEE:

Sri Jayakumar Ramdass, President, Sri V. Krishnakumar, President, Indian Pump Manufacturers' Association and Sri Y.I. Buch, Sri Bharat Patel and Sri Rajiv Amin, Past Presidents, IPMA met Dr. Ajay Mathur, Director General, Sri Jiresh Nandan and Sri Sandeep Garg, Energy Economists, Bureau of Energy Efficiency, Ministry of Power, Government of India on 12th May 2009 at their office and discussed about the implementation of S & L programme under BEE.

Factory visits:

We had arranged Factory visits for the members of AIEMMA, Mumbai to M/s. Anugraha Valves Castings Pvt. Ltd., (Unit 1) and M/s. PS.G. & Sons Charities Metallurgy and Foundry Division, Coimbatore on 15th May 2009.

Luncheon Meeting:

Sri Jayakumar Ramdass, President and Sri C.R. Shanmugasundaram, Immediate Past President attended a luncheon meeting with the Executive

Council members of All India Electric Motor Manufacturers' Association, Mumbai organized by Sri Mahendra Ramdas, Past President, SIEMA & AIEMMA on 15th May 2009.

Joint meeting of SIEMA & AIEMMA:

A joint meeting of Managing Committee members of SIEMA & All India Electric Motor Manufacturers' Association (AIEMMA), Mumbai was held on 15th May 2009 at our Association.

Get-together with members of AIEMMA;

We had arranged a get-together with the Executive Council members of AIEMMA on 15th May 2009 at Coimbatore Club.

Visit to Si'Tarc & COINDIA:

We had arranged a visit for the members of AIEMMA, Mumbai to Si'Tarc and COINDIA to get to know the first hand information of the latest machineries and equipments available in Si'Tarc & COINDIA.

The President and members of AIEMMA expressed their happiness for the kind hospitality extended by SIEMA during their stay at Coimbatore.

FORTH COMING EVENTS

Joint meeting with COINDIA to felicitate Sri C.R. Swaminathan, Chairman, Confederation of Indian Industry (Southern Region) will be held on 23rd May 2009 at our Association.

A session on, "VETRI KODI KATTUM PANIYAALARGAL" by Sinthanai Kavigar Kavidasan, Director and Head, HRD, Roots Group of Companies, Coimbatore on 28th May 2009 at our Association .

Draft Amendment sent to BIS, New Delhi

Amendment No. 6 October 2008 to IS 14220: 1994 Openwell Submersible Pumpset – Specification
Add the following Note under Fig. 5 and 6

Note 3 Efficiency of the pumpsets having declared duty points beyond the efficiency lines on either side may be declared by the manufacturer and applicable tolerance applied. Where the point lies in between the efficiency lines, the higher value is taken as minimum efficiency.

(Page 7 Clause 10.2.1) – Add the following: For checking the non-overloading requirements in the

operating head range a 7% plus tolerance on the maximum current value shall be permitted. In the case of lesser value (maximum current) declaration by the manufacturer, only 7% plus tolerance shall be allowed for the declared maximum current.

(Page 6 Clause 7.4.6.2) – Substitute the following

7.4.6.2 Type Test

Submersible motors shall conform to all the requirements of IS 9283. However, in case of pumpset, motor need not be tested for full load test [16.1 (g)], performance characteristics [16.1 (h)] momentary overload test [16.1(m)], vibration test [16.1(n)], temperature rise test [16.1(j)] and temperature rise at reduced voltage test [16.1(k)] as per IS 9283. Temperature rise test however shall be done as per 7.4.6.3. The temperature rise test at reduced voltage as per 7.4.6.4 shall not be applicable for category 'A' Submersible motors.

(Page 6 Clause 7.4.6.3 and 7.4.6.4) – Substitute as following

7.4.6.3 Temperature Rise Test

Temperature rise test for winding shall be carried out on sample pumpset:

a) at rated voltage and supply frequency, and