

REVISED DRAFT AMENDMENT

AMENDMENT NO. 3 DECEMBER 2009

IS 8472: 1998 CENTRIFUGAL REGENERATIVE PUMP FOR CLEAR, COLD WATER - SPECIFICATION

(Page 2, Clause 14) – **Substitute** “IS: 996” by “IS: 14582”.

(Page 2, Clause 14.1.1) – **Substitute** the following for the existing

14.1.1 Routine Test

The Routine test shall comprise

- a. Insulation Resistance test at room temperature, with 500V DC supply between all the windings combined and the motor frame, the test value shall be not less than 5 Meg ohms.
- b. High voltage test as per *Clause 12.6* of IS: 14582.1998
- c. Test for no load current, power input and speed at rated voltage and frequency (16.3.c of IS: 14582.1998)
- d. Locked rotor readings of voltage, current and power input at a suitable reduced voltage (16.3.d of IS: 14582.1998)

(Page 2, Clause 14.1.2)

14.1.2 Type Test

Type test shall comprise, the tests covered under 14.1.1, and the tests covered under 16.2 (e), (f), (k) & (m) of IS: 14582.1998.

The temperature rise test shall be conducted as per *Clause 14.1.2.1*

The type test shall be conducted in 1 out of 200 pumpsets or less, of identical type and design manufactured in a month (Similar to IS: 325-STI)

(Page 3, Clause 14.1.2.1.1) – **Substitute** “Table 1 of IS: 12802” for “Table 6 of IS: 996”.

(Page 3, Clause 14.1.2.1.2) – **Substitute** “Table 1 of IS: 12802” for “Table 6 of IS: 996”.

(Page 3, Clause 14.2.2) – Type test shall be modified as follows

14.2.2 – Type Test

Shall comprise (b), (c),(d),(e),(f),(m) and (n) of **22.3.1** of IS:7538 and the temperature rise test as given below.

(Page 3, Clause 15.2) – **Replace** “IS: 996” by “IS:14582”.

(Page 3, Clause 16.2.1 (a)) – **Replace** “IS: 996” in the sixth line by “IS:14582”.

(Page 4, Clause 17.1) – **Add, S)** Nominal Efficiency of motor portion, with the existing marking parameters.

(Page 12, Under Annex-A Clause 2) – List of Referred Indian Standards **Substitute:** IS: 14582.1998 SINGLE PHASE SMALL a.c. ELECTRIC MOTORS FOR CENTRIFUGAL PUMPS FOR AGRICULTURAL APPLICATION SPECIFICATION INSTEAD OF “IS: 996.1979 Reference”.

DRAFT AMENDMENT

AMENDMENT NO. 3 DECEMBER 2009

IS: 11346.2002 TESTS FOR AGRICULTURAL AND WATER SUPPLY PUMPS – CODE OF ACCEPTANCE

(FIRST REVISION)

(Page 11, Clause 9.6.1 a)) – Replace “IS: 996” by “IS:14582”.

(Page 11, Clause 9.7.2) – Replace “IS: 996” in the sixth line by “IS:14582”.

(Page 20, Under Annex A Clause 2) – Replace “IS: 996.1979” by “IS: 996.2009”
SINGLE PHASE a.c INDUCTION MOTOR S FOR GENERAL PURPOSE (THIRD REVISION)

Add IS: 14582.1998 SINGLE PHASE SMALL a.c. ELECTRIC MOTORS FOR CENTRIFUGAL PUMPS FOR AGRICULTURAL APPLICATION SPECIFICATION, in the Reference List.