

- f. Active power
 - g. Reactive power
 - h. THD voltage
 - i. Alarm conditions as listed below
- C. The regulator shall have built-in alarm relay for remote indication and following alarm conditions locally:
 - a. Low power factor
 - b. Abnormal power factor
 - c. Leading power factor
 - d. Over current
 - e. Over temperature
 - f. Over voltage
 - g. THD high
 - h. Capacitor overload etc.
- D. The regulator shall provide facility to manually energize/de-energise capacitor steps for the purpose of testing and verification of required/set power factor.
- E. The regulator shall provide facility to change manual mode of operation to auto operation after preset (programmable) time for manual mode of operation has elapsed

1.3.18.4 Field Tests

- A. The results so obtained shall be verified with the actual requirements and ADDC regulations, modification, if any, shall be carried at no extra cost.

1.3.19 Instruments

- A. All indicating instruments e.g. Ammeters, Voltmeters, KW Meter, Frequency Meter, Power Factor Meter etc. wherever specified shall be of 240 Degree scale, flush mounted and of the same appearance throughout.
- B. They shall comply with BS 89 and built to industrial grade accuracy not exceeding 0.5%. They shall be sealed against ingress of moisture and dirt and shall be hermetically sealed or tropicalised.