

COMMISSIONING AND TRIAL OPERATION Rev - 01

A. Trial Operation

1. On completion of erection of any major items along with its auxiliaries, the same shall be thoroughly inspected by the Contractor together with TSGENCO's Engineers for correctness, completeness and acceptability for Pre-Commissioning Tests. Though the TSGENCO's Engineers associate themselves with such inspection, the responsibility for declaration for correctness, completeness and acceptability shall rest with the Contractor and the pre-commissioning tests shall be carried out after such declaration. The pre-commissioning tests to be performed at site as well as necessary documentation and formats for the protocols to be signed during and after the tests shall be prepared by the Contractor taking into account relevant Indian/International Manufacturer's standards as applicable and finalized by the TSGENCO sufficiently in advance through mutual discussions. On conclusion of satisfactory pre-commissioning tests of each individual equipment, the trial operation shall start consistent with parameters of the technical specifications.
2. The duration of trial operation shall be for 14 days during which period the system/equipment shall run as follows:
 - a) The trial operation the equipment including standby auxiliary equipment shall run for a minimum period of more than 72 hours during which period the equipment including standby equipment shall run at its rated capacity for a maximum period of 24 hrs.

Any interruption caused by the Contractor up to 24 hours will not affect the period of 14 days trial operation indicated above. In case of such interruption occurring for more than 24 hours, the above period shall be extended correspondingly. The system/equipment is deemed to be commissioned on successful completion of the above trial operation. Upon successful completion of trial operation, a protocol shall be signed by the both parties.

3. A document shall be prepared on the results of trial operation. This document besides recording of the details of the various observations during the trial run will also include the date of start and finish of the trial operation and will, be signed by the representative of

both the parties. The document of the trial operation shall have log sheets and all adjustments, repairs, interruptions etc., shall be recorded therein.

4. The readiness of the system/equipment for the trial operation shall be intimated by written notice to TSGENCO.
5. The trial operation shall be carried out in compliance with relevant manufacturer's standards and/or relevant Indian / International standards and manufacturer's operation directions before starting them.
6. Defects shall be listed in the above mentioned documents and shall be rectified by the contractor in accordance with the agreement in all respects.