

## Bhel 210mw Turbine Operation Manual

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### **Bhel 210mw Turbine Operation Manual**

Bharat Heavy Electricals Limited TIRUCHIRAPPALLI Committed to make a better world FIELD ENGINEERING SERVICES (FB) UNIT CAPACITY TURBINE INLET PARAMETER TURBINE HEAT RATE (kcal / kW hr) STATION HEAT RATE (kcal / kW hr) 60/100MW 90 ata 535 O C 2315 2784 110/120 MW 130 ata 535/535 O C 2180 2551 200/210 MW 130 ata 535/535 O C 2025 2424

### **Committed to make a better world FIELD ENGINEERING ...**

TENDER NO. BHEL/HR/SC7/PARBATI-II/E-MANUAL/897 FOR "PREPARATION OF INTERACTIVE ERECTION E-MANUAL (SOFTWARE BASED) OF HYDRO TURBINE & ITS AUXILIARIES FOR 4X200 MW PARBATI-II HEP." PART I – TECHNICAL BID Bharat Heavy Electricals Limited (A Govt. Of India Undertaking) Power Sector – Northern Region, Plot No. 25 , Sector - 16A , Distt.

### **PREPARATION OF INTERACTIVE ERECTION E-MANUAL (SOFTWARE ...**

Meeting of the Members of BHARAT HEAVY ELECTRICALS LIMITED will be held on 'Tuesday' the 30th September 2003 at 10.00 A.M. at FICCI Auditorium, Barakhamba Road (Tansen Marg), New Delhi-110001, to transact the following business: - ORDINARY BUSINESS 1. To receive, consider and adopt the audited Balance Sheet of the Company as at 31st March, 2003 and

### **CONTENTS**

Turbine over-speed trip operated ( 11- 12 % ) . Turbine over-speed trip addl. Protection operated ( 15% ) . Turbine relay oil pressure is less than 10 kg/cm2. Turbine Manual Trip operated 9. COLD START UP OF TURBINE The turbine is considered to be cold if the temperature of lower part of HPT casing is less than 150 OC.

### **210 mw LMZ Turbine rolling and its GOVERNING**

4) Protective gears to ensure safe operation of the turbine under all conditions.5] Must have facility to test the protective devices. Governing system of 210MW KWU unit:- The turbine of 210MW KWU unit is equipped with electro-hydraulic governing system to facilitate the operation of the turbo -set in inter- connected grid system.

### **GOVERNING SYSTEM OF 210MW KWU**

Operation Manual 500 Mw Bhel Turbine Operation Manual 500 Mw When writing can change your life, when writing can enrich you by offering an applications category that until recently, only steam turbines had owned.Apr 21, 2012 100 / 195 / 200 / 210 /

### **Bhel turbine operation manuals 500 mw**

Turbines can be condensing or non-condensing, depending on whether the back pressure is below or equal to the atmospheric pressure. For small units without reheat, the steam turbine may consist of a single turbine when the steam expanding through the turbine exhausts to a condenser or a process line.

### **Operation and maintenance schedule of a steam turbine ...**

1) Adjustment of droop in fine steps, even during on-load operation. 2) Avoids over speeding of turbine during load throw offs. 3 ]Exact load-frequency droop with high sensitivity. 2.1) The main elements of the governing system and the brief description of their functions are as follows: 1) Remote trip solenoids (RTS).

### **250 MW KWU GOVERNING SYSTEM**

Bharat Heavy Electricals Limited (BHEL), Tiruchi, successfully demonstrated a full-load operation of its first 250 MW Circulating Fluidised Bed (CFB) boiler supplied to Neyveli Lignite Corporation (NL

### **BHEL demonstrates full-load operation of its first 250 MW ...**

The power turbine of the PGT16 gas turbine is identical to that of the PGT10 heavy duty, high efficiency gas turbine which has been in operation for more than half a million hours. Page 15: Pgt25 PGT25 Aeroderivative Gas Turbines The PGT25 gas turbine consists of an LM2500 GE aeroderivative gas generator coupled with a rugged, industrial power ...

### **GE Gas Turbine Manual**

OPERATION: a) Manual operation by hand wheel. By turning the hand wheel clockwise, screw moves downwards through warm wheel and it pushes the pilot spool downwards. Oil under the piston of IV get released and the piston moves down due to spring force, thus closing the interceptor valve.

### **Lmw turbine oprn. manual**

210MW Turbine Generator Feed Pumps,Condenser,Auxiliaries,Associated piping and Electricals Stator Generator weight 170MT 9 metre high operating floor by special reging then stator was pulled in position 6 Crowled on its sole plates. Erection Testing & Commissioning of 210MW Condensor,Static and Rotating Auxiliaries.E.S.P.

### **Swamina International - Power Plant Operation and ...**

LMW/500MW BHEL-KWU Study and understand the safety procedures mentioned in operation manual and other relevant ii) Aux CW system Generator Generator Aux Power Plant Piping C&I 1.2 TYPE OF MANUAL Bharat Heavy Electricals Limited Rev 00, 7-98 page 2 of 3 STEAM TURBINE 500 MW IS IMMEDIATELY RE-LOADED OR THE BOILER IMMEDIATELY REDUCED.

### **2. Boiler And Boiler Aux. Bhel Manual**

2.1.12 Operation without HP heaters in service 2- 8 2.1.13 Operation with/ without turbine HP-LP bypass system 2- 8 2.1.14 Mode of steam generation operation and rate of loading 2- 8 2.1.15 Provision for future installation of FGD system 2- 9 2.1.16 Furnace 2- 9 2.1.17 Pressure parts 2- 10 2.1.18 Superheaters and reheaters 2- 11

### **STANDARD TECHNICAL SPECIFICATION FOR MAIN PLANT PACKAGE OF ...**

Rail King 6-8-6 Steam Turbine Engine Operating Instructions Manual (32 pages) Railking 6-8-6 steam turbine with proto-sound 2.0 ready-to-run train set operating instructions. Manual is suitable for 1 more product: ...