

# One Energy Partners Service Capabilities

## Summary:

- 1) Pressure Parts inspections
- 2) APH inspections
- 3) Pulverizer inspections
- 4) Firing system inspections
- 5) Combustion tuning
- 6) Performance testing
- 7) Testing, airflow, fineness etc
- 8) Commissioning
- 9) Construction
- 10) Coal studies
- 11) Balance of plant
- 12) Welding procedures
- 13) Control Logic
- 14) Assessments
- 15) Procedures

**Boiler Services—New Units**  
锅炉系统服务—新机组





As the precursor of power generation industry, ALSTOM Thermal Services China provides entire boiler system installation, supervising, post-installation tuning and test services for new utility boilers including:

凭借在发电行业领先的专业技术和经验, 公司向国内电厂提供整套锅炉系统的安装、优化调整及试验服务, 包括:

- New Unit Set Up Consulting  
新机组安装咨询
- Pressure Parts Installation and Process Support  
压力部件安装指导
- Pulverizing System Installation and Commissioning Support  
制粉系统安装及调试指导
- APH System Installation and Commissioning Support  
空预器系统的安装及调试指导
- Combustion System Installation, Tuning and Performance Tests  
燃烧系统安装、优化调整及性能试验
- Training  
电厂人员培训

**Boiler Services—Existing Units**  
锅炉系统服务—已投运机组



Backed by years of experience and technology accumulation in global power-generation industry service market, ALSTOM Thermal Services China provides the following professional services to customer's existing units:

凭借阿东集团在发电行业多年的技术积累, 公司向现有电站锅炉机组提供以下服务:

- Pressure Part Failure Analysis, Replacement / Welding Consulting  
压力部件故障分析及检修、焊接咨询
- Pulverizing System Maintenance, Commissioning Support and Tests  
制粉系统检修、调试指导及试验
- APH System Maintenance, Commissioning Support and Tests  
空预器系统检修、调试指导及试验
- Combustion System Maintenance, Tuning Support and Performance Tests  
燃烧系统检修、优化调整指导及性能试验
- Boiler System Operation Consulting  
锅炉系统运行咨询



Pulverizing System Maintenance Support  
制粉系统检修指导



Tube Failure Analysis  
爆管原因分析



Pressure Parts Maintenance  
压力部件检修、更换指导

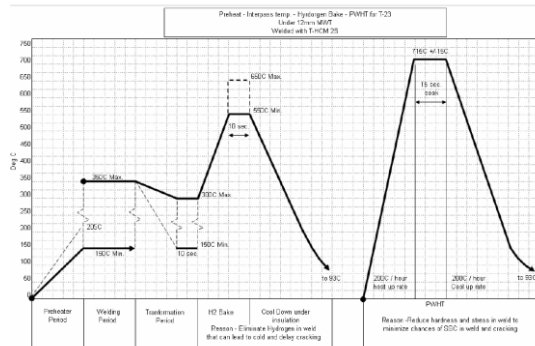


APH System Maintenance Support  
空预器系统检修指导

# One Energy Partners Construction Capabilities

Summary:

- 1) Boiler Erection sequence
- 2) Commissioning
- 3) Special material welding etc



# Products Supplied

- 1) Burner Nozzles
- 2) Burner Nozzles tips
- 3) Air Nozzles
- 4) Air Nozzles tips
- 5) Water wall panels
- 6) Grinding Rolls
- 7) Journal bearings
- 8) Classifiers Rotors
- 9) Liner plates
- 10) Scrappers
- 11) Airpreheater elements
- 12) Airpreheater bearings
- 13) Oil Seal
- 14) Pressure parts bends, all types SH,RH Economizer
- 15) Vanewheels
- 16) Extension rings
- 17) Deflector plates
- 18) Flame Scanners
- 19) Oil Nozzles tips
- 20) OverFire air nozzles
- 21) Boiler Tubing

