

	RESOURCE LIBRARY - TECHNICAL SERVICES Boiler System Standards	<i>CODE:</i> 07.01.045
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Purpose:

目的

Ensure boiler system safe and operating well
 确保锅炉系统安全运行及使用

Policy:

政策

Implement policy and procedure strictly
 严格按照管理制度执行

Procedure:

程序

1. Inspect contents of Bureau of Quality Supervision

质量技术监督局定期检验内容:

- 1.1 Inspect safe valves annually
 锅炉安全阀每年校验一次;
- 1.2 Inspect pressure gauge quarterly
 压力表每季度校验一次;
- 1.3 Inspect interior and exterior of boiler annually
 锅炉炉体每年内检外检各一次。

2. Water quality standard of boiler water

锅炉用水水质标准:

- a. Water quality should appropriate to rules as following after chemical treatment
 蒸汽锅炉和汽水两用锅炉的给水一般采用锅外化学水处理，水质应符合下表规定:
- b. The nominal capacity is not more than 2T/H and nominal pressure is not more than 1.0MPa. Scaling, corrosion should be cleaned. Water quality should appropriate to regulations as following:
 额定蒸发量小于等于2t/h，且额定蒸汽压力小于等于1.0MPa的蒸汽锅炉和汽水两用锅炉（如

对汽、水品质无特殊要求)也可采用锅内加药处理。但必须对锅炉的结垢、腐蚀和水质加强监督,认真做好加药、排污和清洗工作,其水质应符合下表规定:

Item/项目	Water/给水	Boiler water/锅炉水
Suspended solids/ 悬浮物, mg/L	≤20	
Hardness/ 总硬度, mol/l	≤4	
Alkalinity/ 总碱度, mol/l		8-26
pH25℃	≥7	10-12
Dissolving capacity/ 溶解固形物,mg/L		<5000

2. PH should be between 10-12 after putting medical

通过补加药剂使锅水pH值控制在10—12;

3. Oxygen should be cleared completely if rated power of boiler is not less than 4.2MW and cleared if rated power of boiler is less than 4.2MW .

额定功率大于等于4.2MW的承压热水锅炉给水应除氧, 额定功率小于4.2MW的承压热水锅炉和常压热水锅炉给水应尽量除氧;

4. DC boiler water should be dealt with chemical external, the nominal pressure should be between 1.6MPa and 2.5MPa.

直流(贯流)锅炉给水应采用锅外化学水处理, 其水质按表1中额定蒸汽压力为大于1.6Mpa、小于等于2.5Mpa的标准执行;

5. Discharge pollution regularly according to procedure

视水质情况每天定期排污, 认真执行排污程序;

6. Boiler body test should be by four year.

锅炉本体水压试验每4年一次;

7. The boiler body should boiling out annually

锅炉本体煮炉(视锅炉结垢情况, 一般每年一次)。