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**（e.g. Xiaogang Wang1, Wei Li2, Yan Zhang3\*）**

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Abstract

This paper explores possible measures of enhanced control the nitrogen oxides (NOx) emission from combustion on a new circulating fluidized bed (CFB) test platform, which is combined CFB and... (Font: Arial, 11 pt; Line space: 12 pt; Justified on both sides).

1. Introduction

Circulating fluidized bed (CFB) boilers account for a considerable proportion in thermal power plants in China. Though CFB boilers can reduce initial NOx emission effectively by controlling the bed temperature… (Font: Arial, 11 pt; Line space: 12 pt; Justified on both sides).

2. Headings

2.1 Second Level of Headings

Fig. 1. presents the N1s photoelectron spectra of…(Font: Arial, 11 pt; Line space: 12 pt; Justified on both sides).

 

(a) Sample1 (b) Sample2

Fig. 1. XPS (N1s) Analyses of two samples.

3. Headings

3.1 Second Level of Headings

Binding energies obtained by the fitting of the N1s peaks are presented in Table 1.

Table 1. Binding energy of different nitrogen morphology.

|  |  |  |
| --- | --- | --- |
| Nitrogen morphology | Symbol | Binding energy/eV |
| Pyridine | N-6 | 398.7±0.4 |
| Amine | N-H | 399.7±0.4 |
| Pyrrole | N-5 | 400.5±0.3 |
| Quaternary nitrogen | N-Q | 401.5±0.3 |
| Oxidised nitrogen | N-X | 403.5±0.3 |

4. Conclusion

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Acknowledgment

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