



## **ANHUI TIANDU PAPER COMPANY LIMITED**

### **Insulation and Leak Repair of Steam Pipelines**

#### **SUMMARY OF THE OPTION**

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Anhui Tiandu Paper Co. Ltd. is a medium size paper company in the Liushipu Industrial Development Area, Anhui Province, China, and currently produces up to 50,000 tons of industrial paper per year for the domestic market, but expanding production capacity to 200,000 tons/year.

During the walkthrough of the plant, it was found that heat loss was a serious concern in the pipelines that transport steam. Heat loss was reduced by:

1. Improving adiathermal materials used as the surface for high temperature pipes
2. Fixing visibly broken steam bags and pipes
3. Installation and repairing insulating layers at steam flanges and valves
4. Repairing damaged steam flanges and damaged valves on time

By adopting the above methods, the company reduced heat loss. However, investment costs and annual financial and environmental savings were not quantified.

#### **KEY WORDS**

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Pulp and Paper, China, Steam Distribution & Utilization, Leaks

#### **FOR MORE INFORMATION**

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##### ***GERIAP National Focal Point for China***

Mr. Wang Xin,  
Project Management Division I,  
Foreign Economic Cooperation Office of State Environmental Protection Administration  
No. 115, Xizhimennei Nanxiaojie  
Beijing 100035, the People's Republic of China  
Tel: +86 10 66532316, E-mail: [wang.xin@sepa.gov.cn](mailto:wang.xin@sepa.gov.cn)

##### ***GERIAP Company in China***

Mr. Chen Xiaoyu,  
Anhui Tiandu Paper Co. Ltd  
Liushipu Industrial Development Area, Yingshang County  
Anhui Province, the People's Republic of China  
Tel: +86-558-4171024  
Mobile: 13083340988  
E-mail: [zhaojian@tiandupaper.com](mailto:zhaojian@tiandupaper.com)

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