CIC Luoyang Heavy Machinery Co.,Ltd

Optimization and Modification Designing Feedback

JIN HE Abrasive Co..Ltd. purchased mill liner from other manufacturer and meet some problems, we CIC analysis and solve the problems successfully.

Client: JIN HE Abrasive Co..Ltd.

Mill Specification: Φ5.5x2.4m

Problems Description:

1) Cracking and arching deformation of mill liner was found after running the mill in a few days.

2) Breakage of fixing bolt caused by the arching deformation of mill liner.

• Reasons analysis:

1) The quality of mill liner is not qualified because the materil is not right. The mechanical property of mill liner can not meet the mill working condition, so caused the breakage of mill liner.

2) Wrong structure designing of mill liner.

Solution:

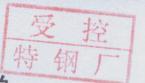
1) Adopt pearlite wear resistant chrome molybdenum as materil of mill liner HMCB and HMCB02 series, the hardness standard is HB325-375, impact energy≥55J.

2) Design and transformation of shell liner according to the designing standard of SAG mill liner.

3) Add the monitoring frequency of mill grinding sound, add the feeding timely when the filling is not sufficient.

Feedback from the client:

CIC did the optimization and modification of mill liners and solved the problems of mill liner cracking and arching tranformation. The service life of mill liner is prolonged after improving. We get a good reputation from our customer.



质量信息反馈单

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编号: Q/JL7210 序号:	
责任部门金和耐磨有限公司	
产品或零件名称 篇体研报 图号	
质量问题描述:	
煎、菜收镇业有限词中55x2.4m半月磨瓶、在这行过程中发生行	简本
计板断裂及变形 拱起现象, 圈刻板拱起变形而拉断	初极
紧固螺栓、简体对板的裂处均发生子衬板的平板高仓;	大子
影裂致要等被爆拉扎。部分裂致呈非正常的脆性	为厨
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戴秦岭锡业 的5×24半直廉机的 篇体被扳断裂、变形扶起标	10
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