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文章名称: DH63型空压机振动故障分析及处理

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:: 文章简介 ::

摘要: 通过在线监测系统对空压机机组进行状态监测, 并由其频谱特性和相位特性以及轴心轨迹进行相应的故障诊断, 分析空压机在运行过程中产生振动的原因, 并提出降低振动的处理措施, 初步实现设备的预测维修, 以保证压缩机安全、可靠地工作。关键词: 离心式压缩机; 振动; 故障分析; 处理中图分类号: TH452 文献标识码: B 文章编号: 1006-8155 (2007) 05-0063-03 Faults Analysis and Treatment of Vibration for DH63 Air Compressor Abstract: In this paper, the air compressor unit is monitored on condition through the on-line monitoring system. The reason of vibration produced in the process of running of air compressor is analyzed based on the relevant faults diagnosis by the spectrum and phase characteristic and the locus of shaft center. Furthermore, the measures of reducing vibration are pointed out and the prediction maintenance for equipment is realized. Thus, it ensures the compressor working safely and reliably. Key words: air compressor; vibration; faults analysis; treatment

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