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三层波纹管焊接与制造技术

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收稿日期 2005-1-5 修回日期 网络版发布日期:

摘要 采用钨极氩弧焊对 350mm、230mm两种焊接波纹管进行工艺研究和制造。实验确定了焊接波纹管的理论刚度、疲劳强度。通过工艺实验,选择合理的焊接工艺参数,制定了波纹管的制造工艺,生产了 350mm、230mm两种焊接波纹管。焊接波纹管的质量符合波纹管技术标准。

关键词 [焊接波纹管](#) [焊接工艺](#) [钨极氩弧焊](#)

分类号 [TG444.7](#)

Welding and Manufacture Technology of Three-Layer Bellows

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Abstract Using argon tungsten arc welding the technology research and manufacture was carried out for three-layer bellows with the diameter of 350 mm or 230 mm. The theory rigidity and fatigue intensity of welded bellows were experimently confirmed, the reasonable welding parameters was selected, and three-layer welded bellows with the diameter of 350 mm or 230 mm were manufactured. Quality of welded bellows accords with techniques standard.

Key words [welded bellows](#) [welding technology](#) [argon tungsten arc welding](#)

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