

The Main Factors Affecting the Quality of Eddy Current Detection for Pressure Pipeline  
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Abstract: In order to improve the sensitivity of eddy current detection for pressure pipeline, and make effective and accurate quality appraisal for detected workpiece, several key factors are selected and discussed from many factors affecting the quality of eddy current detection. By using least square method to make curve fitting for data, we can obtain these factors' respective effect on the quality of eddy current detection.