Accepted Manuscript

Integrated production, quality control and condition-based maintenance for imperfect production systems

Guo Qing Cheng, Bing Hai Zhou, Ling Li

 PII:
 S0951-8320(17)31142-0

 DOI:
 10.1016/j.ress.2018.03.025

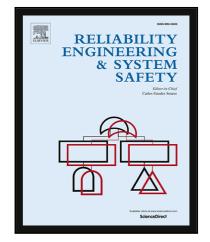
 Reference:
 RESS 6109

To appear in: Reliability Engineering and System Safety

Received date:	21 September 2017
Revised date:	16 March 2018
Accepted date:	22 March 2018

Please cite this article as: Guo Qing Cheng, Bing Hai Zhou, Ling Li, Integrated production, quality control and condition-based maintenance for imperfect production systems, *Reliability Engineering and System Safety* (2018), doi: 10.1016/j.ress.2018.03.025

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



ACCEPTED MANUSCRIPT

Highlights:

- We study the joint design of production, quality and maintenance control policies.
- The production system is subject to both reliability and quality deteriorations.
- Both the condition monitoring and the quality information feedback are incorporated into the maintenance decision-making process.
- A simulation-based optimization approach is proposed to solve the complex stochastic problem.

ACTIVE

1

Download English Version:

https://daneshyari.com/en/article/7195184

Download Persian Version:

https://daneshyari.com/article/7195184

Daneshyari.com