

Decision Support System for Load Cell Selection

W.M.R.Thamel

179477D

Faculty of Information Technology

University of Moratuwa

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Thamel WMR

179477D

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Declaration

We declare that this is our own work and has not been submitted to another degree or diploma at a university or other higher education institution. Information obtained from published or unpublished work by third parties is acknowledged in the text and a list of references is provided.

Name of Student

Signature of Student

W.M.R.Thamel

.....

Date:

Supervised by

Name of Supervisor

Signature of Supervisor

Chaman Wijesiriwardana

.....

Date:

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ABSTRACT

Loadcell is a transducer that converts force into an electrical signal, used in diverse industrial applications. Selecting a proper Loadcell is a key success point of a weighing application. The Loadcell selection process requires expert knowledge. Usually, the customer support team of the manufacturer shares expertise knowledge with the customer. Automation of the customer support process can be done using data mining techniques. Previous customer support records can be utilized for this process and the Naïve Bayes theory guides this automation process. The predictions can be used to determine important relationships which help to make critical decisions.

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