

Thesis

Project 3: Superior Production- and Process system

Company: Cascades Djupafors AB



Extent

Master or bachelor level, suitable for one or two students working together.

Field of study

Mechanical or Chemical Engineer with specialization in polymeric materials, wood/paper, process development and energy/energy efficiency.

Planned start and duration

Spring and summer 2013.

Task

Description

Cascades is a Canadian group of companies specializing in the manufacture and conversion of pulp and paper products. The group consists of approx. 120 companies in North America and Europe. Cascades Djupafors AB are included in the division for manufacturing of cardboard for packaging both dry and liquid food.

Cascades Djupafors AB has approx. 150 employees in Kallinge and produce approx. 60 000 tons of cardboard for the European market. The company has a strong environmental profile and an explicit goal to combine environmental responsibility with economic efficiency and sustainability that meets both the shareholders, customers and employees' expectations.

Background

In a modern mill for carton production, there are several different and separate monitoring systems to control everything from energy production, machine control, production processes and product quality. But when the demands of the business increases, it processes becomes more complex, and that increases the need for an overriding and unifying system for process monitoring and alarm handling of machinery & production.

Cefur

Cascades Djupafors AB now want start up a thesis to explore the possibility to develop and implement an appropriate coordinated surveillance system for the whole factory.

The goal for the thesis should be that to through literature studies, dialogue and problem solving create a proposal for how a coordinated monitoring system can and should be designed. The possibility to include practical elements is good, based on the need of investigating the actual conditions prevailing at Djupafors.

Location

Kallinge. The work is possible to perform partly at distance.

Language

The thesis should preferably be in English.

Expenses

Expenses might be reimbursed after agreement.

Please contact

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Application

Register your interest by sending your CV, cover letter, course list and references to the contact person at Cefur: martina.lindgren@ronneby.se
Application and selection is ongoing.