

# wirenews

News from Springwire Sweden AB. October 2009.

## Skills development with the help of the ESF Council

Work to develop the skills of company employees with the help of the ESF Council started with a thorough analysis of operations. First, a group of representatives from company management and trade unions was created. Once the group was established, each part of the company's organisation was analysed with a current state description covering strengths, weaknesses, threats and opportunities. It is important and necessary that other employees are informed of the work's development, that they are involved in the process and that views from outside the work group are also heard.

This analysis served as the bases of joint work to develop action plans

leading to a new application for implementation to the ESF Council. These action plans were drafted in autumn 2008 and the application was submitted in January 2009. The ESF Council reviewed the application and provided viewpoints on the action plans. After certain adjustments were made, the application was approved and passed on to the deciding body, which approved the action plans. The project has now entered the implementation phase.

In the near future, the action plans will be supplemented through contacts with previously intended and new suppliers of courses and services for the project. The project is now entering an intensive phase.

Courses will be conducted in subjects such as leadership, methods for continual improvements, lean production, quality technology, marketing and material planning.

It will be exciting to follow the development that this period will bring to the company.



### Increased activity

2009 has been a year of change for most companies in Sweden and the rest of Europe.

As autumn approaches, stability and increased activity can be seen in the market. Our skills development work has led to the creation of skills development action plans through the ESF Council. These action plans have been approved and the first step toward implementation has been taken. The skills development programme will continue until October 2010.

In addition, planning has started for participation in the Wire trade fair in Düsseldorf, Germany. The trade fair will be held from 12-16 April 2010. We hope it will be just as successful as the last one.

Please visit us during these intense days!



EUROPEAN UNION  
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# Bergsskolan in Filipstad

Bergsskolan – a cooperation partner with resources in material issues and testing.



Bergsskolan (the Swedish School of Mining and Metallurgy) in Filipstad is a college with a long tradition and good reputation for training industrial engineers and technicians. The course programmes are traditionally developed in close collaboration with the companies that hire the graduating students. In recent years, Bergsskolan has focused greatly on developing its materials technology laboratory to strengthen its education programme.

We can offer the following analyses:

- Shear, tensile, bending and compression testing; machine 1 (small): 0-50 kN, machine 2 (large): 0-600 kN.
- Hardness testing; Brinell: 3000 kg, Rockwell: 150 kg, Vickers: 1-100 kg, Micro Vickers 0.10-1 kg, Knoop: 0.10-1 kg.
- Impact testing; Charpy KV 150.
- Hardness penetration measurement; Case hardening and induction hardening
- Metallic element analysis with spark spectrometer
- Combustion analysis; carbon C and sulphur S.

- Metallography and microscopy with digital image processing.
- Also perform small-scale heat treatment in laboratory environment.

Examples of courses:

- Metallurgy and materials technology
- Wire technology, 2 days.
- Basic steel course, 4 days.
- Metallurgy and materials technology, 15 days.
- Leadership training for production personnel



In doing so, Bergsskolan has expanded its capacity for performing highly qualitative material analyses and investigations for the industrial sector. Among other things, we recently acquired a modern tensile testing machine for 50 kN and a high-class hardness gauge. An additional tensile testing machine will soon be delivered for heavier jobs. It is capable of handling up to 600 kN.



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