

# Nu-Phalt Case Study

## Falkirk Council



The ease of use and reduced lift requirement of the Nu-Phalt system means that HAVS (Hand Arm Vibration Syndrome) employees can be reintroduced to more of the routine requirements of highways repair, giving them a greater sense of satisfaction.

Falkirk Council's trial of the system revealed hidden benefits as well as a relatively low cost patching solution, while proving that DLOs can help HAVS operators broaden their responsibilities in the process.

Falkirk agreed to take on a trial of the process after a successful demonstration. During the trial, overseen by Nu-Phalt, the operatives consistently delivered quality repairs.

The trial was undertaken in housing estates to avoid busy roads where traffic management would be necessary.

This approach also reduced potential 'down time' by avoiding the need to travel between repairs that is often required when carrying out reactive safety survey generated repairs.

When concentrated in an area, the team easily accomplished 25 repair cycles each day, which approximates to 25 square metres of permanent carriageway repairs.

Supervisors working with the process were very impressed with the production rate and quality of the repairs, so much so that senior management has already confirmed its commitment to lease the system from April 2011.

### The customer

Falkirk Council also recognises other benefits from the system. Down-time going to a quarry and the tip are eliminated, as are landfill charges. There is capability to work out of hours without concerns over noise. The most positive benefit is in relation to HAVS. There are a number of Falkirk employees who have been identified with severe levels of HAVS, which has severely

curtailed their ability to carry out traditional roadworks. The Nu-Phalt process with its telescopic hoist and maximum of 25kg bagged material reduces the loads being carried, and has allowed Falkirk to redeploy a long serving employee, who suffers the debilitating effect of HAVS, into a purposeful job. This has regenerated the man's enthusiasm for his work as he now has the ability to make a real contribution to road maintenance.

*"I was getting fed up doing bits and pieces and I didn't know what I would be doing next. I have been restricted in what I could do because of HAVS. I was becoming a bit disillusioned and bored. Redeployment onto the Nu-Phalt system has given me a new lease of life. The van is well equipped with lifting apparatus and nothing has to be gunned out. As we re-use what's in the road there's no huge amount of shovelling. The only vibration equipment used is the roller and my second man does that. Its good to feel that I'm doing a real job again and I've regained my enthusiasm for coming to work."*

Falkirk Operative

### Health & Safety

Nu-Phalt is the only facility of its kind to have GASTEC (H&S) certification. GASTEC is an independent respected energy and environmental product testing company and has over 50 years' experience in appliance testing and certification to satisfy regulatory requirements.

An account of GASTEC's stringent test requirements can be accessed here:

[http://www.nuphalt.com/media/health\\_and\\_safety/NuPhalt%20GASTEC%20Summary.pdf](http://www.nuphalt.com/media/health_and_safety/NuPhalt%20GASTEC%20Summary.pdf)

Call Nu-Phalt today on **08442 571570** (UK South) or **01383 411210** (UK North) for a free, no-obligation quote, or email [enquiries@nuphalt.com](mailto:enquiries@nuphalt.com) for more information.  
[www.nuphalt.com](http://www.nuphalt.com)