NWSRG
NATIONAL WINTER SERVICE RESEARCH GROUP

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Dynamic testing for gritting vehicles using NWSRG guidance

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Spreader Management
Understanding the need for greater accuracy

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Spreader Management

Who has their winter fleet calibrated annualy?

Who follows the NWSRG Guidance?

Spreader Management

Do spreaders need to conform to any build quality?

Yes – all spreaders should be built to BS1622 1989 A1 or EN15597-02

Do spreaders need to be calibrated from new?

Yes – all spreaders should be supplied with a certificate of conformity when new

Should I check my spreader regularly?

Yes – all spreaders should be checked in the same way the chassis has a road worthiness check.

Why do we calibrate spreaders?

- To offer consistant, repeatable spreading results
- To ensure that if a claim is made we have evidence, that the spreader is accurate
- Peace of mind
- Making sure the spreader works.....not sure this is the best reason

What would happen if we did not calibrate spreaders?

Potentially, Inacurate spreading results

Potential increase in claims

Potential increase in salt usage

Potential reduction in salt usage

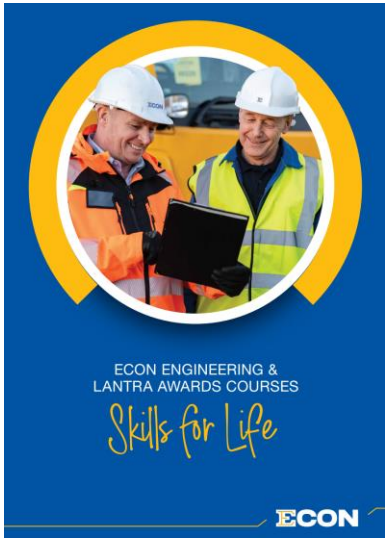
Potential danger to life.....sorry, a bit heavy handed but true !!

Who should calibrate spreaders?

The Original Equipment Manufacturer or someone Trained by them

All manufacturesr offer training for vehicle operation and engineer maintenance

"I started repairing my car myself when it became quite clear that I should let you guys handle it."



Why do we need greater accuracy?

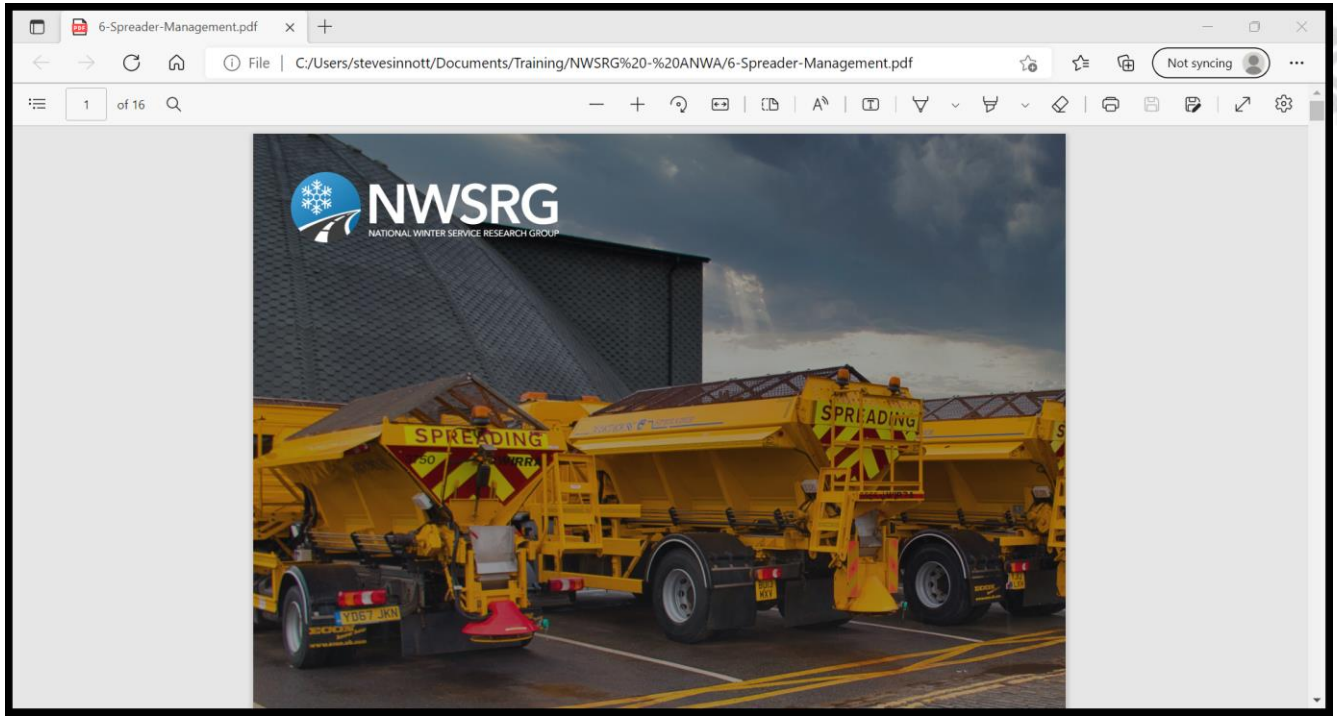
Spreading some salt is better than none..... True but is it right

Who cares if we spread too much..... Sure the salt suppliers would be pleased but there is always an environmental Impact

Not to mention the Budget / Cost

Route Coverage..... Are you confident the salt is being spread in the right place?

What benefit is the NWSRG good guidance



What benefit is the NWSRG good guidance

The guidance gets you to ask key questions....

Is your spreader manufactured in accordance with current standards?
The answer to this should be yes as detailed earlier in the presentation

Is the calibration up to date?
Again, this should be yes as per the earlier detail

Has the salt distribution been assessed and recorded?
If not, this can be completed easily on site with very little training required

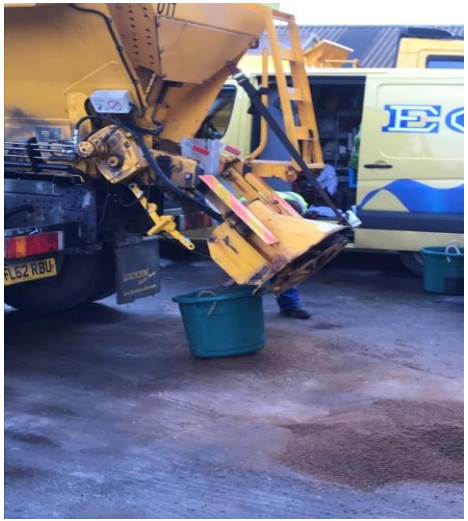
Is the performance being monitored
Only you can answer this……

NWSRG good guidance – Spreader Management

Are you or your operators monitoring the spread pattern?

NWSRG good guidance – Spreader Management

Within the guidance it shows the detail on spread pattern

NWSRG good guidance – Spreader Management

Within the guidance it shows the detail on weight testing