

National Demolition Training Group



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Training the Demolition Industry

The Voice of the UK Demolition Industry

High Reach Guidance notes

- The workshop session today will be focusing on the following headings.
- **FOPS +**
- **Telescopic booms**
- **Working ratio.**
- **Ground Conditions**
- **Maintenance**
- **Exclusion zones**
- **Training**
- **Equipment**
- **Boom Cradles/ Machine Commissioning**
- **Weather Conditions**

High reach Guidance notes

- FOPS+
- I would like the group to consider that we adopt an industry standard for FOPS+ The + being demolition protection systems.

Q. Does the group recommend bulletproof glass on all demolition rigs? *The group considered that impact resistant glass would be the more appropriate wording.*

High Reach Guidance notes

- Telescopic booms.
- I consider the section referring to telescopic booms needs to be expanded to take on board the special operating procedures.

Q. Do telebooms need to be interlocked at each section? *The two known systems are different and will both be detailed within the revised notes.*

Q. Can telebooms be used at mid point? *The Kocurek system can be used at any point.*

Q. What loading charts can be used on part telescoped booms. *Machine manuals should be used, the manual MUST be kept in the machine.*

High Reach Guidance notes

- Working Ratio.
- This is a contentious issue I am looking for operational experience to confirm industry best practice.

Q. The NFDC recommended ratio is 2/1, however this can obviously be altered using the method statement or risk assessment for the project. *Your views are wellcome.*

High Reach Guidance notes

- Ground Conditions.
- Another very contentious matter. Despite clear guidance in the current document I am still getting reports of machines turning or nearly turning over due to poor ground conditions.

Q. What do we need to do to prevent this? *The group consider reinforcing the wording for this section.*

High Reach Guidance notes

- Maintenance.
 - The main area of concern here is access to the upper platform levels of some the larger excavators.
- Q. Daily/ Weekly inspections and annual examinations- to what extent should booms etc be checked for wear and cracks?** *Daily/weekly checks by operator confirmed, must be recorded. Manufacturers asked that 500hrs be noted as the annual examination period, examination to be carried out by a competent person and recorded. It was also noted that all sections of the machine must be inspected.*

High Reach Guidance notes

- Exclusion zones.
- The matter of exclusion zones currently falls under BS6187.2000

Q. Do we need to add a section in to cover this important matter? *This item needs further investigation, your comments are most welcome.*

High Reach Guidance notes

- Training.

Q. The NDTG currently runs an assessment process for experienced operators. Do we need foundation training? *The group recommend that we change wording to all high reach operators MUST hold CPCS competency cards.*

Manufacturers will help support this drive.

The group will also investigate the development of a High reach operator apprenticeship training course.

High Reach Guidance notes

- Equipment.
- Q. Does the equipment section need to be revised with developments? In cab electronics have advanced, do we need to catch up?**
- Q. Attachments again, do we need to revise this section? Free rotation only to avoid stress to high reach booms should be considered? *Manufacturers have requested that we recommend that impact breakers are not used on high reach rigs.***
- Q. Should we recommend the use of fixed Pinned attachments or keep in the use option to use quick hitch couplers.**

High reach Guidance notes

- Boom cradles.

Q. Do we need to include more information on the safety procedures when coupling high reach booms. Hydraulic back pressure; cleanliness; access to coupler pins; lifting points; weight marking etc. *Manufacturers / committee to action.*

- Machine commissioning.

**Q. What do you expect from the manufacturer?
*Manufacturers have asked that the NDTG develop a commissioning training course to be run in conjunction with their hand over training.***

High Reach Guidance notes

- Weather Conditions.

Q. Do we need to emphasise safe operating parameters in adverse weather conditions? *This did not appear to be an issue with the working group.*

High reach Guidance notes

Q. Are there any other issues you would like to see included within the NFDC High Reach Guidance Notes?

**“....if you have any questions
now is the time to ask...”**