PILING & FOUNDATION SPECIALISTS FEDERATION

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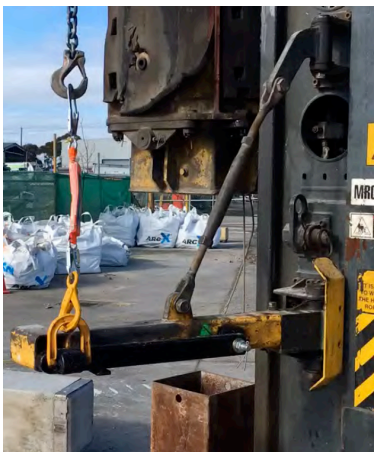
ABN: 59 101 292 997



PFSF Good Practice Industry Recommendation

Recommended Auxiliary Line Devices

Reference: Safety Forum held 29/08/2018

Auxiliary Line devices – It was the safety committee's unanimous view that all the restraint devices presented at the safety forum could be recommended as engineered solutions that improve the safe operation of the auxiliary line on the piling rigs they were designed for.

They noted the following two points should be considered in any changes to plant;

- The auxiliary line device should be properly engineered by the machine designer & manufacturer and or other engineering service provider to applicable Australian standards or EN standards if applicable.
- The operations & maintenance manual for the piling/foundation rig should be upgraded to reflect the operational changes when using the additional auxiliary line device, if any.

The safety committee also recognised that there maybe other engineered solutions or procedures in the workplace, or under development that were not presented at the safety forum. These may also be acceptable solutions to improve the safe use and stowage of the auxiliary winch but were not accessed.

Safety committee members were also of the view that another significant factor in auxiliary line incidents is the failure of some piling foundation crews to follow stowage procedures after each operation of the auxiliary line, and that this would need to be addressed by each member company as part of their ongoing training plans.

Three piling rig manufacturers offer auxiliary line restraint kits for their new equipment which can also be retrospectively fitted to their older rigs. Drill Techniques, a QLD engineering company manufactures a third party auxiliary line device that can be fitted to any piling rig. Contact details are below.

Soilmec Australia Pty Ltd	http://soilmec.com.au/
Junttan (OY)	https://www.junttan.com/contact-us/
Woltman Piling (Dieseko Group)	http://pilequip.com.au/
Drill Techniques	https://drilltechniques.com.au/

If any further information is required contact the PFSF, email address admin@pilingfederation.org.au.

Guidance Note: A key value of the PFSF members is a commitment to share information to improve safety in the foundation industry. Accordingly, whilst careful consideration is given to our recommendations, all users of our recommendations need to carefully access their own work places and practices to conduct their foundations activities safely. The provision of this recommendation is to hi-light risks, hazards and potential solutions. The final methods and controls are the responsibility of each piling company business unit.