

Hardbanding Education Seminars Available by Postle Industries

Applying hardbanding is a difficult job. Oftentimes the hardbanding job is being performed in the field where the weather can be less than ideal. There can be occasions where the compatibility between the hardbanding being applied with the existing hardbanding is in question. To make things even more challenging, maybe the hardbanding equipment is not operating properly. There are many scenarios that make the job of a hardbander challenging. It is Postle's opinion that everyone connected with hardbanding should have some background awareness of proper applications whether you are in operations for a pipe rental company, a supervisor for an operating company or a field hand for a drilling contractor. More trained eyes around the application are an advantage to everyone. Drilling contractors and drill pipe rental companies want their pipe hardbanded as fast as possible and operators prefer it be hardbanded inexpensively. This can put the person running the hardbander in a difficult situation. If everyone representing the pipe owner, the operating company, and the hardbander have an understanding of proper hardbanding application, it is easier to come to common solutions when faced with questions in the field.

Most of us in the oil and gas industry know what hardbanding looks like, but if you were overseeing the hardbanding work being done, would you know what to look for? Drill pipe assets are valuable. In order to extend their useful life, proper procedures should be followed, such as pre-heating or slow cooling parameters. Are you aware of when a hardband should be re-applied? Are you aware of when a hardband should be removed? Some hardbands, like Duraband do not have to be removed prior to re-application. Other hardbands that have been worn while in use during downhole drilling should not be hardbanded over, but should be removed prior to reapplication. While premium hardbanding materials on the market today have greatly improved casing friendliness and tool joint wear life, if they aren't properly applied, they can be problematic.

Postle Presents Hardbanding Essentials Supervisor Training Seminar



Postle has created a training session designed to educate supervisors on the subject of what to look for when reviewing a hardbanding job. Knowing what to look for benefits everyone when it comes to proper application and results.

Brief Seminar Outline:

- Purpose of hardbanding: protection of the casing and tool joints.
- Anatomy of a weld: Tool Joint material, weld metal (hardband), and heat affected zone (where the weld meets the tool joint).
- What is a good candidate for hardbanding: Not all tool joints should be hardbanded due to cracks, porosity, weld defects, etc.
- Brief Overview of the hardbanding process: Cleaning, pre-heating, welding, slow cooling, etc.
- What a good hardband looks like: proper height, proper location within the tool joint, etc.

This seminar encourages supervisors to become aware of proper hardbanding techniques and be sensitive to what hardbanders are trying to accomplish on protecting drill pipe.

If you are interested in organizing a training seminar, please contact someone from Postle. If you have an upcoming meeting and would like to include our Hardbanding Essentials training, we would appreciate the opportunity to be a part of your program. This education seminar can be conducted in an hour or less depending on the available time and at no cost.

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