

## Independent Training (the next level)

The preparation of a craftsman for the exam and consequently certification must start with a training which meets the requirements set out in the examination documents. In the next table an overview is given about the differences between a trainer from a manufacturer and an independent trainer. In the opinion of the Author the next level in the preparation of a candidate must be an independent. This would make the GRP world again more mature and aspiring to the present level of welding certification. Which steel manufacturer provides training in welding...? This part was already handled for several decades by professionals and is well established in the steel industry. There are not any questions left unanswered by the market.



The ISO 14692 has made the initial step some years back but the standard is still governed far too much by the pipe manufacturers, which for no

sound reason stick to their primitive, photo shopped certification programmes which are so negative for GRP market growth! True



Independence one cannot find and examination goes along as part of the training at the same time which means the training is the examination and the trainer is the examiner! When you compare that approach to your driving licence..... what would then be your opinion..? More accidents!

End users are lacking the time and are missing the knowledge to influence this part 4 of the ISO 14692 towards their required direction. It should in fact be the opposite as there is an easy cost saving expense to find for their companies in eliminating accidents and mistakes in installation.

Bottom line: A wise economical approach is to go for an independent trained and DNV certified craftsman from bonder/jointer up to inspector

**Table Comparison Trainer manufacturer and Independent trainer.**

	<b>Trainer manufacturer</b>	<b>Independent trainer</b>
<b>1. Competence trainers</b>	Yes, mostly	Yes, mostly
<b>2. Education material</b>	Glossy product brochure, not mentioning failures in the field	More additional facts
<b>3. Procedures</b>	Limited	Missing items, adding explanation to them
<b>4. Speak about mishaps of product, assembly, installation and hydrotests</b>	Limited	Yes, adding “many” mishaps, focus on learning from mistakes
<b>5. Weakness of product e.g. type of joint</b>	Limited	Yes
<b>6. Free to speak about quality product manufacturer</b>	Limited	Yes, given in an independent, unbiased manner
<b>7. Comparison with other manufacturers and differences</b>	Not done	Yes, given in an independent and unbiased manner
<b>8. Ensuring open communication and responses on questions/problems from the field installation</b>	Some of the time, providing there is nothing to hide	Providing frank and unbiased assessments to provide the best solution for all parties

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