

INCIDENT DETAILS

In the workshop, a section/flange of an armoured pipe [compound material of normal steel (outside) and of wear-resistant steel (inside), with a diameter of 150 mm] needed to be cut. To do this, the pipe section was placed on a roller stand. In a first step, one employee cut all the way around the pipe (from above, the upper 180 °). He just cut the layer of normal steel, assuming that the wear-resistant steel inside still has sufficient contact with the flange. Then they wanted to rotate the pipe (including the flange) by 180° for the final cut. But as the connection between the normal steel and the inner wear-resistant steel was defective, a full compound of the two layers was compromised, and hence the flange unexpectedly detached, before the pipe could be rotated, and fell onto the finger of a second employee. This resulted in a fracture of the first limb of the ring finger of the second colleague.

KEY FINDINGS

✓	Risk assessment is up to date
✗	Although an on-site safety check (Take 5) was carried out, it failed to take into consideration the risk of the materials not bonding properly any longer and, consequently, the flange falling unexpectedly.
✗	The joint/compound in the armoured material was faulty
✗	Failure to secure the section/flange to prevent it from falling
✗	Use of normal gloves (w/o protectors)

REVIEW POINTS FOR ALL SITES

- When planning the work, take measures to secure the part to be cut
- Carry out a full Take 5, with consideration of all possible risks
- Do not put yourself into the line of fire
- Make use of the available safer gloves with protectors



Personal Protective Equipment



Look for Yourself and Each Other



Tools and Equipment

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