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Novel Technique

The Hamburg airfield was the testing ground for a novel technique in iron-concrete work.

It is core-drilling. Within 20 minutes a 30 cm long cone can be extracted from the iron-concrete, which is much harder than steel.

This appliance is in particular designed to test new bridges, dams, and roads after completion. The secret of the driller is the so-called drilling-crown which is studded with diamonds.

The Technical Rescue Squad in Hamburg has unearthed and modernized an appliance which is able to pierce thick walls of iron-concrete. It is an iron-pipe - the "Oxygen lance". Under the effect of the enormous heat the hardest concrete just melts away. The appliance is particularly useful in case of accidents to free enclosed people