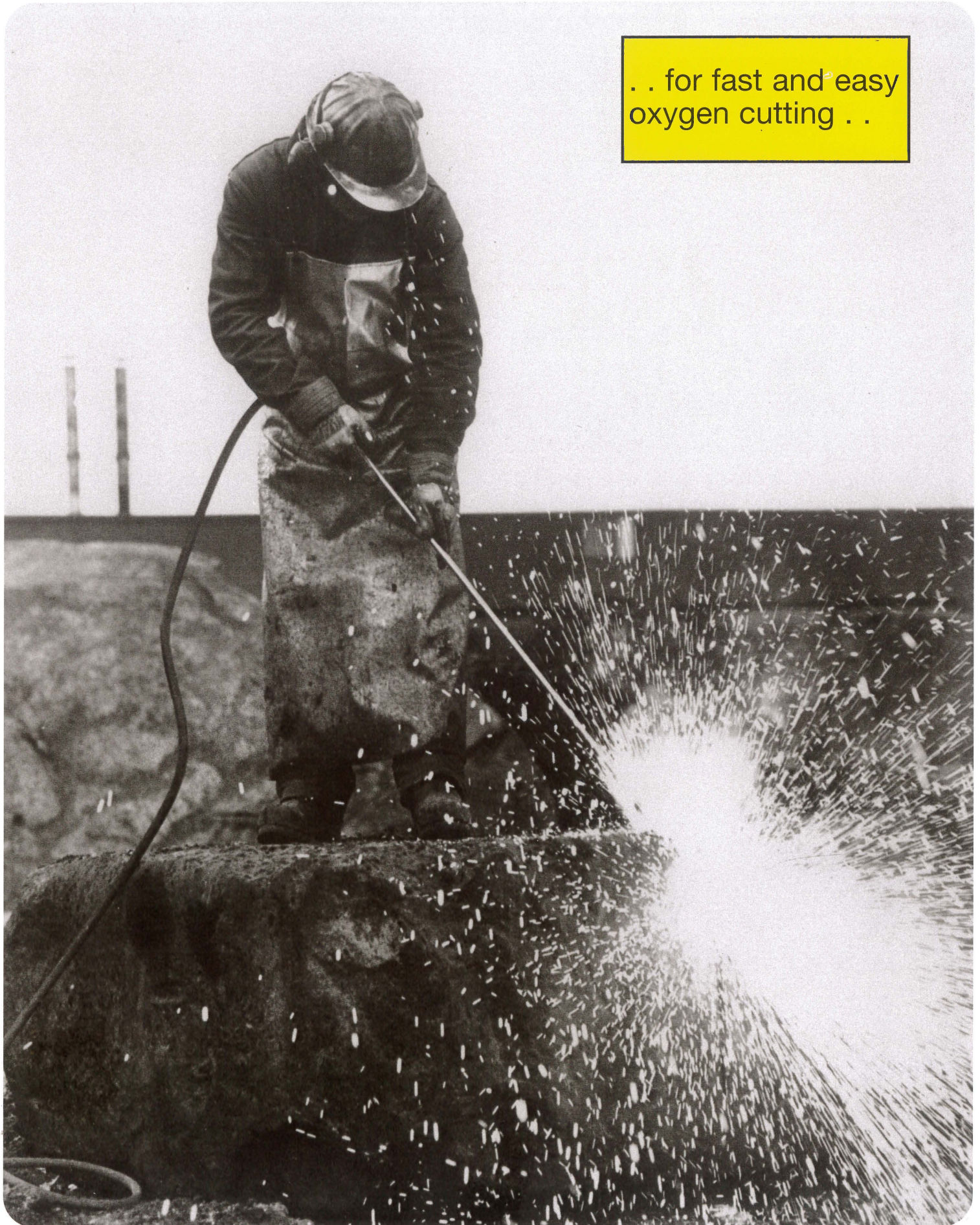


FERROX

burning lances

... for fast and easy
oxygen cutting ...



+ 3000 °C !

FERROX burning lances consist of a tube containing selected wires which effectively reduce the oxygen velocity. Consumption is therefore reduced to a minimum and the combustion obtained at an optimal level.

FERROX burning lances can cut all types of steel, alloyed or slagforming metals, cast iron, reinforced concrete, stone etc. . . Even under water!

Complete FERROX burning lance





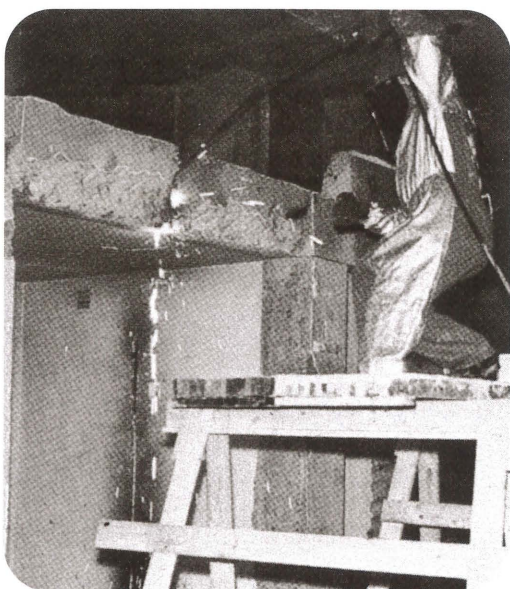
— — — "Even under water!"

Working instructions for FERROX burning lances

Assembly of equipment

- Connect the manometer/reduction valve to the oxygen source.
- Connect the hose to the manometer/reduction valve and to the lance holder.
- Insert the burning lance into the lance holder.

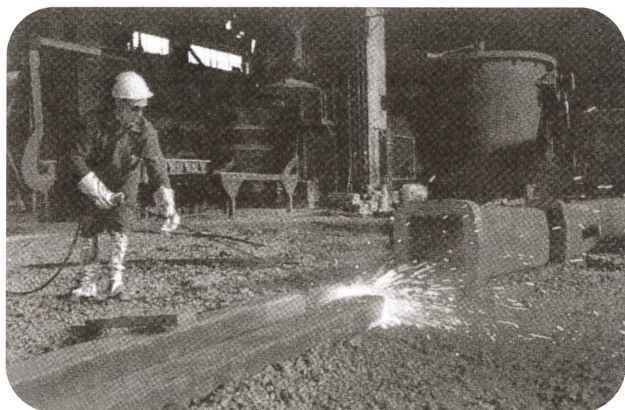
Check carefully that no oil or grease is found in the hoses or the couplings.



Cutting up a 50 cm thick wall made of reinforced concrete.

Ignition and working with FERROX burning lances

- Adjust the oxygen pressure between 9 to 12 bar.
- Open the gas regulating valve slightly and ignite the free tip with a Thermo Igniter, blowpipe or against glowing coal. Allow the lance to be in touch with the heat source until the flame changes colour and starts to sparkle. The lance can now be placed against the work-piece and when the lance "obtains a hold" in the material, increase the gas flow.
- The burning lance should be pressed against the work-piece and should preferably be angled somewhat downwards so that the molten smelt can flow away.
- The smelts removal can also be influenced by the burning lance being turned forwards and backwards or when piercing by now and again pulling it out.



Many steel works and foundries find good use for FERROX burning lances.



Cutting away a strongly reinforced support during the demolishing of a bridge.



Demolishing a descent to a parking lot. A strong concrete structure and much reinforcement.



Cutting away an old bridge from the bridge-abutment.

FERROX burning lances offer you the following advantages:

- Economical
- Low investment costs
- Simple and reliable to use
- Fast, effective
- Low weight, i.e. high mobility
- No vibrations or shaking
- No noise

FERROX AB reserves the right of changes in execution and design without prior notice.



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