

BELZONA RECLAIMS HYDRO-ELECTRIC UNIT IN TEA PLANTATION

ID: 132



PROBLEM

Power plant had ceased to be used due to the damaged runner blades. The cost of a new runner was too high to be economic.

APPLICATION SITUATION

Small hydro-electric power unit

APPLICATION METHOD

Application was carried out in accordance with Belzona Know-How Leaflets CEP-6, CEP-5 and CEP-3.

BELZONA FACTS

The cost of replacing the runner would have been \$19,500. No other type of repair was considered viable. The total cost of the repair utilising Belzona® was \$600. There are many such units in the area and several of them have been treated in the same manner. The output of the repaired unit is greater than when the equipment was new.

INDUSTRY

Power

LOCATION

Tea Plantation in Sri Lanka

APPLICATION DATE

October 1993

PRODUCTS

Belzona 1311 (Ceramic R-Metal) Belzona 1321 (Ceramic S-Metal)

SUBSTRATE

Cast alloy

PHOTOS

1. The corroded runner in-situ
2. Surface preparation complete, the rebuilding can begin
3. The finished job ready for reassembly

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

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