



WIAP®

MEMV®



International staff training in machine construction

Introduction: The WIAP has trained from 2006 people in Angola, which were new and some already decades in operation. These people were good in practice, but it lacked you the basis of the theory. With a special training program which was designed to train the production during the WIAP has trained people during an ongoing production.

The WIAP has carried out this training project from 2006-2016

PICTURE REPORT A17

Subject: Humidity

Created: "HP Widmer"

In Angola and other tropical countries control boards are always broken quickly. There is a reason. We're here on some clarifications. Above all, the feed drives not stand the humidity. If this is too high and you open the electrical cabinet, there can be a blast and destroy the drives.



Figure 1: We take a test. Humidity controllers - the inside and outside in%. We measure the inside and outside.



Figure 2: measurement - inside
Gurutspe 6.9.2007



Figure 3: measurement - outside
Gurutspe 6.9.2007

There, are months in which the humidity is greater than 100%, this means that we must bring the moisture from the electrical cabinet, if we want to extend the life of the controllers.

That's when the electrical system is not turned off or a heater is installed in the cabinet that it can form condensation.

Attention: observe that when a current is interruption can not go the heater when a replacement power line was supplied from the emergency group.

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End image Report "HP. Widmer "Nov. 11

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Created: sw-jw-iw-hp Widmer
WIAP AG Lts SA
Industriestrasse 48L
CH-4657 Dulliken

Phone: ++ 41 62 752 42 60

Fax: ++ 41 62 752 48 61 -

wiap@widmers.info www.wiap.ch

training www.wiapwidmers.info

Title: High humidity and blackouts can destroy electronic components

Description: The WIAP has tested various systems in tropical countries. Backup Power Station are often within disintegrate one year by the aggressive air with large variations in temperature in tropical countries. At best, the cabinets suitable to keep constantly warm in the tropics nights. System WIAP MEMV tropics control

keyword: WIAP examined for tropical countries systems. Backup Power Station are often within one year decay by temperature changes in tropical countries. Cabinets are to become permanently kept warm. System WIAP MEMV tropics control