

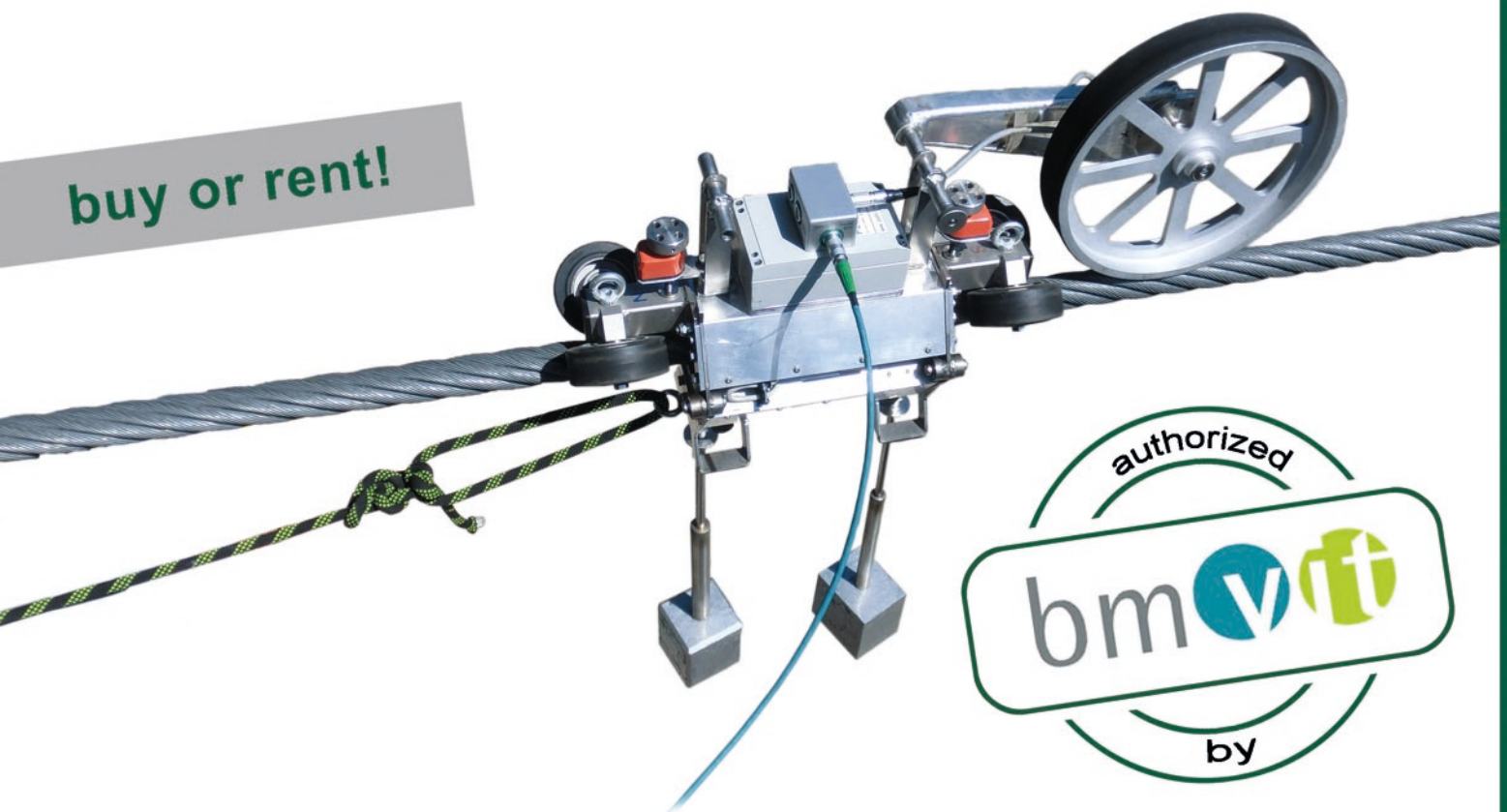
Miss Inspector

Magneto - i nductive S ensor S ystems

Non-destructive wire rope tester for visual rope inspection

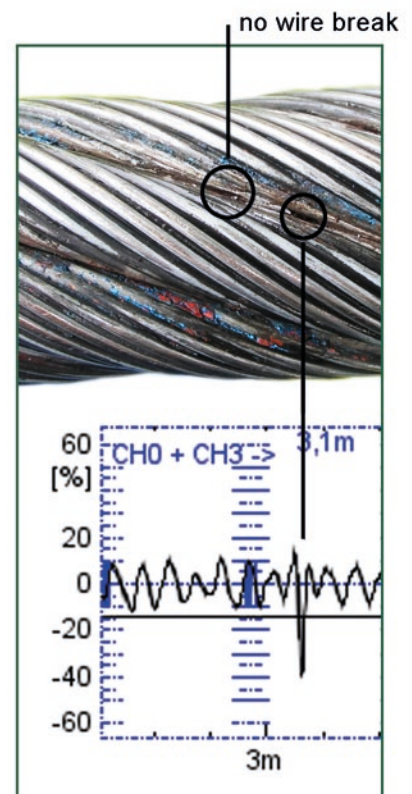
- huge saving in time
- checks total rope cross section
- independent of weather, surface or daylight

buy or rent!



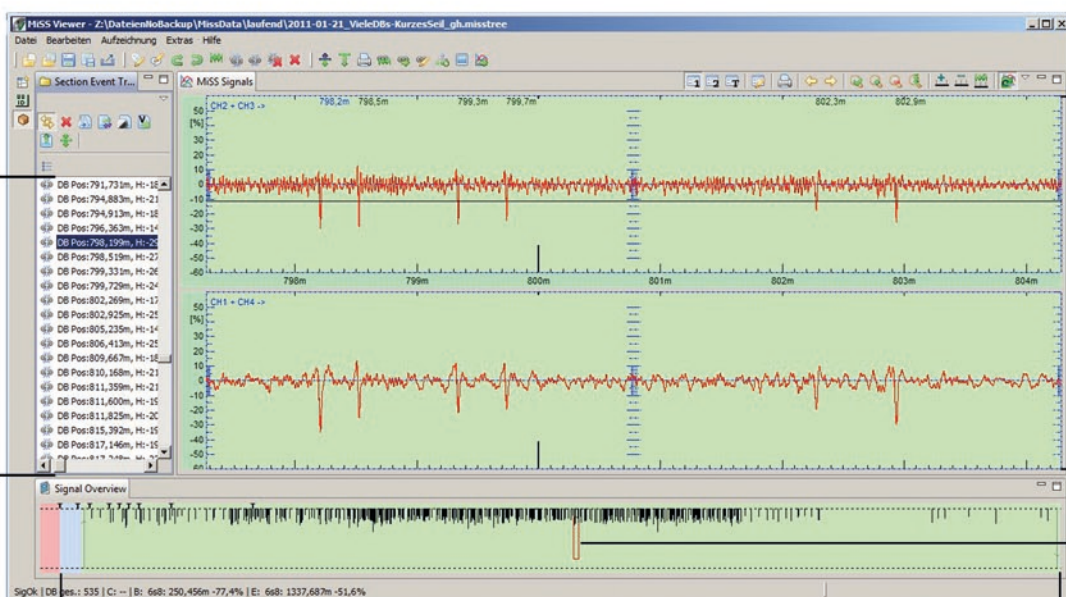
Comfortable and quick operation:

- very short time spans for mounting and dismounting the testing equipment
- huge benefit in time and quality
- testing speed of up to 5 m/sec
- checks the total cross section of the rope (approx. 90% of all wire breaks are inside)
- independent of weather, surface or daylight
- data transfer via cable (up to 100 m length) or even wireless via WLAN
- quick and easy handling of measurement data on the PC



listing of all detected wire breaks with their exact position on the rope

current signal sector with automatically evaluated wire breaks and corresponding position in meters



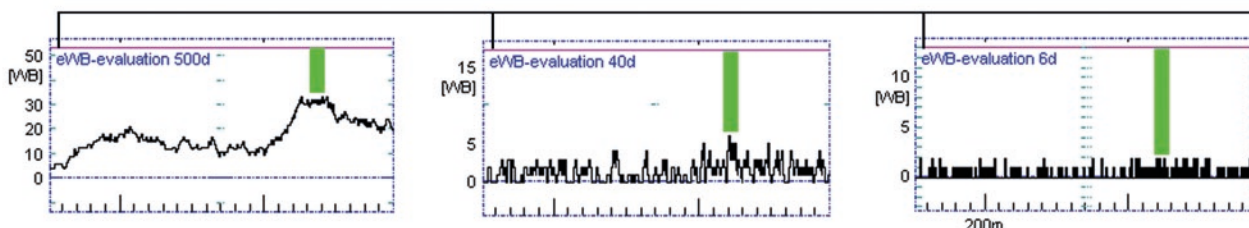
overview of the complete tested rope with distribution of wire breaks
each dash one wire break

Significant results

- one mouse click to get the reference evaluation independent of the number of wire breaks

range of additionally tolerable wire breaks up to critical limit

critical limit of tolerable number of wire breaks on a length of 500-fold, 30- or 40-fold and 6-fold of the rope diameter

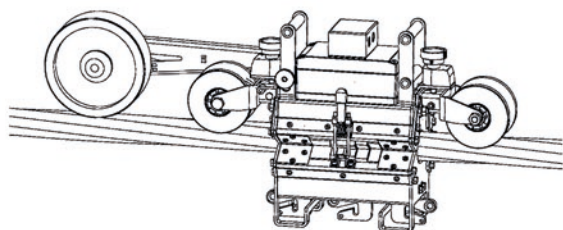


- automatic generation of a test report suitable to meet requirements of DSB 80 / EN 2927-7 concerning the results of a visual inspection
- all rope tests and results are saved in a data base, the resulting rope history enables the user to make a prediction for the life expectancy of the rope

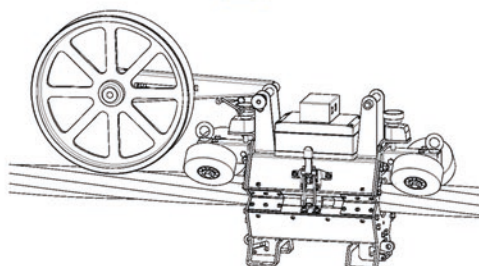


test report						track number: 0815
about the MRT test for assistance to the monthly visual inspection						
system data:						
name of installation:		8EUB Test Installation many WBs				
responsible manager:		Greg Allen				
rope data:						
intended purpose:		carriage haul rope F/2				
rope designation:		Zugsell ÖNORM M9534 - 50 E				
braiding formula:		6(1_30+...+7_23_0)				
date of installation:		01.05.2005				
Results of the magnetic rope test (MRT):						
measured rope length:		1339,0m				
number of WB from the current test		535				
number of WB from last test:		522				
reference length	maxium no. of acceptable WB	number of found WB	number of found maxima	begin of first maxima [m]		
6d 0,3m	13	3	7	100.701		
40d 2m	17	6	4	318.014		
500d 25m	53	33	3	299.928		
Results of visual testing (VT):						
actual diameter of the rope splice area:		49,5mm				
remarks to visual testing:	protocol just for test use					
splice area, seen defects, etc.						
date:		signature tester:		signature manager:		
		Gerhard Hinterndorfer		Greg Allen		
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Products and funding



PM 74
for rope diameters from 10-41mm



PM 75
for rope diameters from 29-66mm

- any number of ropes can be tested without additional costs
- individually shaped lease contracts

Enterprise

- 20 years of personal experience in developing and constructing magneto-inductive measuring systems
 - state of the art technology
- our measuring system meets the requirements of EN 12927-8



director
Gerhard Hinterndorfer

References

ropeway companies



accredited test laboratories



industrial rope producers



Pedrics e.U.

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