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Subject: Re: Anode Wire Quality

Posted by [Clemens Adler](#) on Tue, 11 Jan 2005 15:25:48 GMT

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Hello,

I looked at our anode wire under the electron microscope today. I took a piece of wire before and a piece after winding.

Unfortunately the operator was rather stressed and didn't have a lot of time, so we looked at both pieces simultaneously, i.e. I do not know which one is which.

Since it is only allowed to attach 3 files, I put the pictures under:

<http://www.physi.uni-heidelberg.de/~adler/TRD/pics/>

1st wire:

Anode1.tif (2000x)

Anode1a.tif (4000x)

2nd wire:

(each also with 2000x and 4000x at 2 differnt places on the wire)

Anode2.tif

Anode3.tif

Anode4.tif

Anode5.tif

Altogether it seems that wire 1 is smoother than the 2nd wire which has those bumps. But I guess it is hard to judge whether this wire was modified by winding, or whether the differences are just because its a different piece of wire.

cheers,

Clemens

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