

**Company:** *YOUR COMPANY NAME*

**Date:** *TODAYS DATE*      **BA #:** *0001*

*Length x Width x Thickness*

**Bright Carbon Steel with "STD" Bevel  
Doctor Blade**

### Comments

*Sample 1, Gravure Coater, Blade put in with bevel to the roll.*

This blade was installed incorrectly with the machined bevel against the roll.

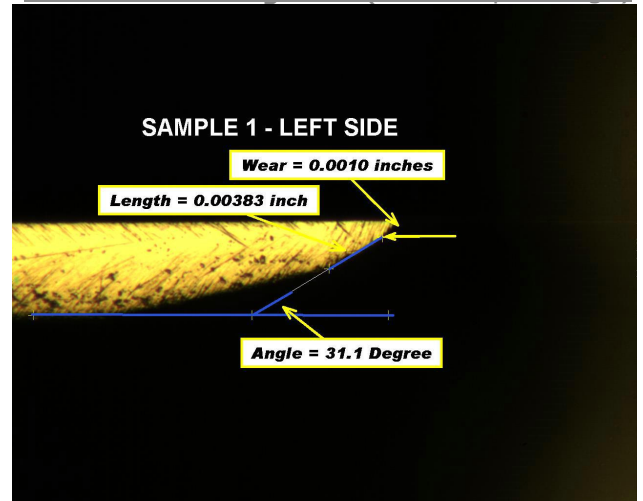
This is very likely to be a significant source of the coating defects observed, as some 'semi-dried' coating is very likely to get trapped under the big initial 'footprint' of the beveled surface, which is designed/intended to be away from the roll. Additionally, the contact angles worn in are too flat. (See general comments.) This will greatly increase the 'trapping' and blade-tip-lifting phenomena. There is some evidence of 'bowing' of the blade holder/system since the center contact angle is nearly 10 degrees greater than those on either end.

#### **SAMPLE BLADE AUDIT:**

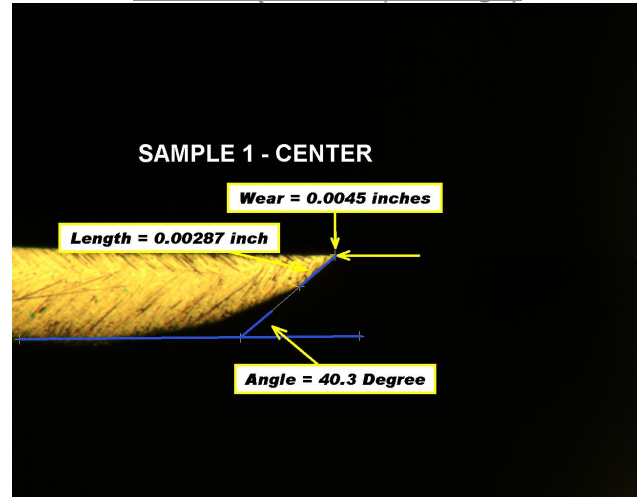
**An actual blade audit will include pages of relevant general comments and other useful information in addition to the content shown here.**

**This generic blade audit is specific to this blade only. Your analysis will be specific to your blade and issues.**

Left Side Facing Roll (Microscope Image)



Center (Microscope Image)



Right Side Facing Roll (Microscope Image)

