

Arvin Global Solutions Presents...

Avoiding the Burn

The Causes and Prevention of Grinding Damage

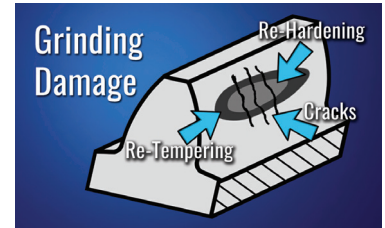
A Video-Based Training Program



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One of our primary goals at AGS is to meet the training needs of manufacturers. Our latest project in achieving this goal is the production of a training program entitled, **Avoiding the Burn**, which addresses the grinding damage problems of re-tempering, re-hardening, and grinding cracks.

I am very excited about this video-based training program because it represents, in my opinion, the most comprehensive information on understanding and preventing grinding damage. To the best of my knowledge, this is the only training program of its kind and will be a valuable training tool for reducing burn related scrap.



Grinding Damage is a common cause of costly scrap.

Overview of the Training Program

Grinding damage, commonly referred to as burning, is a serious problem in manufacturing that commonly results in costly scrap. This can be a difficult problem to avoid because there are so many variables that can contribute to grinding damage.

Avoiding the Burn is a video-based training program, presented in logical, short segments which carefully examine the problems associated with grinding damage. In this study, the following topics are included.

The Basic Theory of Grinding

Excessive Heat During Grinding and the Damaging Effects

Understanding Re-Tempering, Re-Hardening, and Grinding Cracks

A Study of the Causes of Burning and Steps for Prevention

- The basic characteristics of grinding wheels
- The hardness of the material being ground
- Other grinding related factors
- Dressing related problems
- Coolant

Inspection Procedures for Burn Related Problems

- Surface Temper Inspection
- Barkhausen Noise Analysis Method
- Magnetic Particle Inspection

A Discussion on Examples of Burned Parts and the Causes

Outcome of the Training

Upon completion of the training, the trainee will have increased awareness of the problem of grinding damage. In addition, they will understand a full range of the contributing factors, and how in turn, they can take measures to prevent grinding damage and reduce the occurrences of scrap.

Purchase Price - \$ 1,250

How to Purchase

The Training Program can be purchased securely online by going to the AGS Online Ordering Page at

<https://arvinglobal.regfox.com/avoiding-the-burn>

The AGS Guarantee

If you are not 100% satisfied with the Training Program, you can return the materials within 7 days for a full refund.

The Training Program Package Includes...

Video - MOV format

Trainer's Guide

- Guidelines for In-House Training (PDF)
- PowerPoint Presentation for Group Classroom Training Settings

Trainee Documentation

- Program Guides (PDF)
- Review Questions (PDF)
- Quick Reference Cards (PDF)
- Trainee Certificate Template