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in This Issue

Shot Peening

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Shot Peening Procedure

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Things aren't the way they used to be. And they

weight, is very active in seeking better peening methods. The economic motivation in this industry is tremendous. Higher processing rates, at lower costs, producing durable goods that outlast the warranty period; these concepts attract attention.

Electronics Incorporated has produced a short guideline that can be used as a model for the shot peening process. The steps included in the procedures are as follows:

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- Define Peening area
 Specify Peening intensity
 Specify Shot Size and Hardness
 Verify Shot Quality
 Specify Stand-off and Impact Angle
 Specify Mathematical Providements
- Specify Motion Requirements
 Specify Motion Requirements
 Establish Correct Targeting
 Establish Peening Intensity
 Establish Cycle Time

- 10. Record Process Parameters (and Limits)

- Perform Peening
 Evaluate Shot Quality
 Perform Intensity Verification
 Establish SPC Control Charts
- 15. Post Peening Heat Limits
- 16. Out-of-Control Remedies
- 17. Fire Hazard
- 18 References

