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### **Fluorescent Penetrant Inspection Systems Pre-Quotation Questions for the Customer**

Once these questions are answered we will have a good picture of your needs and be able to guide you in the right direction. Through our owners, we have been building Fluorescent Penetrant Inspection Systems since 1961, so, we have the knowledge and experience needed to build a System to properly fit your facility's needs.

- (1) What type of budget do you have? (we can target our quote to meet your budget, in most cases)
- (2) Do you have a pre-cleaning System already available, or would you like us to quote you one?
- (3) What is the dimension of the floor space that you have available? (this will guide us on whether it will be a straight line System or U-Shaped or L-Shaped)
- (4) What is the height of the shop/room that the System will go into?
- (5) What is the height of the Doorway that the System will pass through to enter the shop/room?
- (6) How many parts need to be processed in an hour and/or day?
- (7) What is the largest part that you need processed through the System? (24" x 24" x 24" for example)
- (8) What is the heaviest part? (this will give us a direction on the conveyor or part handling equipment that should be included)
- (9) Will the parts be processed using Water Washable (WW) or Post Emulsifiable (PE) Penetrants?
- (10) How do you want to apply the Penetrant Oils – Dip, HVLP Spray, Electrostatic Spray, or Brush-On ?
- (11) If PE, will you use a Hydrophilic or Lipophilic Emulsifier?
- (12) If Hydrophilic Emulsifier, do you want to use the Dip or Spray method?
- (13) Dry Powder Developer or Nonaqueous Developer Spray?
- (14) If Nonaqueous Developer, do you want to use HVLP Spray or Electrostatic Spray?

- We are an **Authorized MAGNAFLUX Service Center**.

- We are builders and distributors of **Non-Destructive Testing** Equipment, Accessories, and Supplies for: **Dye Penetrant**, **Magnetic Particle**, **Visual**, and **X-ray Inspections**.

- Through our owners, we have been **building: Penetrant Inspection Equipment, Demagnetizing Units, and X-ray Enclosures since 1961.**

- We perform **NIST traceable Calibrations, Repairs, Rebuilds, and Preventive Maintenance** on most of the NDT equipment we sell.

- We also perform **On-Site Metrology Laboratory Services** - contracting our employee/s to run, or help run, your facility's Metrology Laboratory / Department.

- Finally, we are distributors of : **Measuring & Test Equipment, Accessories, and Supplies** for Manufacturing processes.