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| A 1. | Identify the drawing, specification or document invokes the requirements for flame spraying: | \_\_\_Yes \_\_\_No \_\_\_N/A |
| A 2 | a. Does a written detailed procedure exist and is it utilized for the flame spraying process?  | \_\_\_Yes \_\_\_No \_\_\_N/A |
|   | b. Are procedures readily available?  | \_\_\_Yes \_\_\_No \_\_\_N/A |
| A 3. | Is the procedure approved by the Customer? List Procedure and Reference Approval Number, if applicable: | \_\_\_Yes \_\_\_No \_\_\_N/A |
| A 4. | Are procedures/work instructions adequate for control of:  |   |
|   | a. (Proper Equipment) Guns, Filters Regulators, Flow meters, Wire Feed Control, etc.  | \_\_\_Sat \_\_\_Unsat |
|   | b. (Proper Materials) Gases, Wire, etc.  | \_\_\_Sat \_\_\_Unsat |
|   | c. Temperature monitoring - preheat, spraying temp, cooling, etc | \_\_\_Sat \_\_\_Unsat |
|   | d. Methods for masking areas  | \_\_\_Sat \_\_\_Unsat |

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|   | e. Pressure and flow settings  | \_\_\_Sat \_\_\_Unsat |
|   | f. Gun to work piece distances and angles  | \_\_\_Sat \_\_\_Unsat |
|   | g. Rate of application  | \_\_\_Sat \_\_\_Unsat |
|   | h. Final thickness  | \_\_\_Sat \_\_\_Unsat |
| A 5 | a. Are pieces to be flame sprayed cleaned prior to process?  | \_\_\_Sat \_\_\_Unsat |
|   | b. List methods and materials used, if applicable:   | \_\_\_Sat \_\_\_Unsat |
|   | c. Is cleanliness maintained prior to flame spraying?  | \_\_\_Sat \_\_\_Unsat |

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| A 6. | Identify inspection methods used to verify conformance with procedures and standards:\* Visual \_\_\_\_\* Tensile Bond \_\_\_\_\* Hardness \_\_\_\_\* Thickness \_\_\_\_ \*Other (list) \_\_\_\_ | \_\_\_Sat \_\_\_Unsat |
| A 7.  | What inspection documents exist and are they maintained to confirm inspection process was performed? | \_\_\_Yes \_\_\_No |
|   | a. Are inspection documents properly completed and maintained? | \_\_\_Yes \_\_\_No |
|   | b. Review and record number of samples: \_\_\_\_\_\_\_\_\_\_\_\_  | \_\_\_Yes \_\_\_No |
| A 8.  | Is traceability maintained for material, which has been flame sprayed?  | \_\_\_Yes \_\_\_No |
| A 9. | Is inspection data reviewed and accepted by qualified personnel? | \_\_\_Yes \_\_\_No |
| A 10.  | Are corrective actions performed and documented after rejectable attributes have been found?  | \_\_\_Yes \_\_\_No \_\_\_N/A |
| A 11. | Are all tools, gages, meters, utilized for monitoring and/or inspection a part of the manufacturer's calibration program? | \_\_\_Yes \_\_\_No \_\_\_N/A |
| A 12. | Are certifications for raw materials used in flame spraying process reviewed for acceptance and maintained on file for review? | \_\_\_Yes \_\_\_No \_\_\_N/A |
| A 13.  | Are personnel performing flame spraying process knowledgeable in the use of the: | \_\_\_Yes \_\_\_No \_\_\_N/A |
|   | \* Procedure:  | \_\_\_Yes \_\_\_No \_\_\_N/A |
|   | \* Tools | \_\_\_Yes \_\_\_No \_\_\_N/A |
|   | \* Gages, meters, etc  | \_\_\_Yes \_\_\_No \_\_\_N/A |
| A 14.  | Are special precautions identified prior to performing flame spray process (i.e. safety issues, hazard material)? | \_\_\_Yes \_\_\_No \_\_\_N/A |
| A 15 | a. Are any special handling equipment used or special packaging required after flame spraying process? List:   | \_\_\_Yes \_\_\_No \_\_\_N/A |

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|   | b. Is handling equipment and packaging requirements accomplished IAW the specification, drawing or procurement spec? | \_\_\_Yes \_\_\_No \_\_\_N/A |

Additional Comments/Concerns: