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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: