Project Requirements for STAA 568

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| Project Phase | Required / Optional Tools for Project Completion |
| Define | Project Charter  5W2H  Thought Process Map / Tool Progress Report  CT Tree  S-I-P-O-C  Optional (Based on Project)   * Pareto Chart |
| Measure | Process Flow Map  C&E Diagram  Run Chart  Process Capability Analysis  Optional (Based on Project)   * Value Stream Map   + Muda identification * DPMO Baseline and Sigma Level * Data Collection Plan * Measurement System Analysis |
| Analyze | Exploratory Data Analysis  Hypothesis Testing  Optional (Based on Project)   * FMEA |
| Improve | Pugh Concept Matrix  Solution Selection Matrix  Design of Experiments:  Full or Fractional Factorial Design  Optional (Based on Project)   * Poke Yoke |
| Control | Control Plan  SPC  Optional (Based on Project)   * 5-S |