[](https://www.smartsheet.com/try-it?trp=11480&utm_source=integrated+content&utm_campaign=/content/six-sigma-project-charter&utm_medium=Manufacturing+Six+Sigma+Project+Charter+Example+doc+11480&lpa=Manufacturing+Six+Sigma+Project+Charter+Example+doc+11480&lx=PFpZZjisDNTS-Ddigi3MyABAgeTPLDIL8TQRu558b7w)**MANUFACTURING SIX SIGMA PROJECT**

**CHARTER TEMPLATE EXAMPLE**

IMPORTANT REMINDER

A narrative written charter must be circulated and signed by the project sponsors. You can attach a completed version of this template to your narrative written charter in an effort to keep it short and concise.

Please make sure you meet with the project team and sponsors before completing this template. Having a discussion with these two parties will provide much of the information you need.



GENERAL PROJECT INFORMATION

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| PROJECT NAME | | | PROJECT MANAGER | PROJECT SPONSOR |
| Production Line A Improvement | | |  |  |
| EMAIL | | PHONE | ORGANIZATIONAL UNIT | |
|  | | 000-000-0000 |  | |
| GREEN BELTS ASSIGNED |  |  | EXPECTED START DATE | EXPECTED COMPLETION DATE |
|  | | | 00/00/0000 | 00/00/0000 |
| BLACK BELTS ASSIGNED |  |  | EXPECTED SAVINGS | ESTIMATED COSTS |
|  | | | $237,750 | $184,900 |

PROJECT OVERVIEW

|  |  |
| --- | --- |
| PROBLEM  OR ISSUE | Within the last quarter, Line A has requested 20 percent more raw materials and reported a 22 percent increase in deliverables that were below QA standards. Despite these increases, the line has not fallen behind on meeting production goals. |
| PURPOSE  OF PROJECT | Improve the Line A production baseline. |
| BUSINESS  CASE | Line A has seen increasing defects in production, causing the need for remakes and more materials. Over the last quarter, Line A has required more materials, so it can remake products in order to meet QA standards. Such adjustments have put a strain on our limited manufacturing supplies. |
| GOALS / METRICS | Line A’s criteria for success is as follows: Within 180 days, Line A will deliver 92 percent of its products defect-free and without requesting additional raw materials. Reaching this goal will represent a considerable improvement over the line’s current baseline of 72 percent. |
| EXPECTED DELIVERABLES |  |

PROJECT SCOPE

|  |  |
| --- | --- |
| WITHIN  SCOPE | In Scope: Assembly line A |
| OUTSIDE  OF SCOPE | Out of Scope: Assembly lines B, C, D, E, F |

TENTATIVE SCHEDULE

|  |  |  |
| --- | --- | --- |
| **KEY MILESTONE** | **START** | **FINISH** |
| Form Project Team / Preliminary Review / Scope |  |  |
| Finalize Project Plan / Charter / Kickoff |  |  |
| Perform Defining Phase |  |  |
| Perform Measurement Phase |  |  |
| Perform Analysis Phase |  |  |
| Perform Improvement Phase |  |  |
| Perform Control Phase |  |  |
| Deliver Project Summary Report and Close Out Project |  |  |

RESOURCES

|  |  |
| --- | --- |
| PROJECT TEAM |  |
| SUPPORT RESOURCES |  |
| SPECIAL NEEDS |  |

COSTS

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **COST TYPE** | **VENDOR / LABOR NAMES** | | **RATE** | **QTY** | **AMOUNT** |
| **Labor** |  | | $150.00 | 200 | $ 30,000.00 |
| **Labor** |  | | $200.00 | 100 | $ 20,000.00 |
| **Labor** |  | | $350.00 | 50 | $ 17,500.00 |
| **Labor** |  | | $85,000.00 | 1 | $ 85,000.00 |
| **Labor** |  | | $4,850.00 | 3 | $ 14,550.00 |
| **Supplies** |  | | $17,850.00 | 1 | $ 17,850.00 |
|  |  |  | TOTAL COSTS | | $ 184,900.00 |

BENEFITS AND CUSTOMERS

|  |  |
| --- | --- |
| PROCESS OWNER |  |
| KEY STAKEHOLDERS |  |
| FINAL CUSTOMER |  |
| EXPECTED BENEFITS |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **TYPE OF BENEFIT** | **BASIS OF ESTIMATE** | | | **ESTIMATED BENEFIT AMOUNT** |
| **Specific Cost Savings** |  | | | $ 25,000.00 |
| **Enhanced Revenues** |  | | | $ 92,500.00 |
| **Higher Productivity (Soft)** |  | | | $ 17,500.00 |
| **Improved Compliance** |  | | | $ 12,000.00 |
| **Better Decision Making** |  | | | $ 18,500.00 |
| **Less Maintenance** |  | | | $ 26,000.00 |
| **Other Costs Avoided** |  | | | $ 46,250.00 |
|  |  |  | TOTAL BENEFIT | $ 237,750.00 |

RISKS, CONSTRAINTS, AND ASSUMPTIONS

|  |  |
| --- | --- |
| RISKS |  |
| CONSTRAINTS |  |
| ASSUMPTIONS |  |

|  |  |  |
| --- | --- | --- |
| PREPARED BY | TITLE | DATE |
|  |  |  |

|  |
| --- |
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