

## File

Gage R&R  
Measure 0 - File List for Phases  
Measure 1 - Process Observation Worksheet  
Measure 2 - Spaghetti Diagram Worksheet  
Measure 3 - Process Map Worksheet  
Measure 4 - ISHIKAWA Diagram Template  
Measure 5 - CTQ Tree Worksheet  
Measure 6 - Data Collection Sheet  
Measure 7 - Data Collection Checksheets  
Measure 8 - Tollgate and Approval  
Measure 9 - Operational Definition Instructions  
Measure 10 - Define Measure Data Collection Process  
Measure 11 - Data Stratification Worksheet  
Measure 12 - Checksheet  
Measure 13 - Concentration Diagram  
Measure 14 - Confirmation Checksheet  
Measure 15 - Gage R&R Instructions  
Measure 16 - Checksheet Development Instructions  
Pareto  
Roadmap  
Run Chart  
Stage Times

## Content

Exercise file  
Form for gathering information and data for the steps of a process  
Blank form for the development of a lean spaghetti diagram of a process  
Blank form for the development of a process map of a process  
A template for developing the ISHIKAWA (Fishbone diagram)  
Template for the development of a CTQ Tree  
Data collection sheet including stratification factors, operational definitions, sample size, etc.  
Template for various checksheets  
Checklist and approvals for the Measure Phase  
Step by step instructions for developing operational definitions for data collection  
A step by step tool for building a data collection process  
A sheet to help the team to brainstorm stratification factors  
An example of a "tick mark" data collection sheet  
An example of a concentration diagram data collection sheet  
An example of a confirmation checksheet which tracks expected and actual completion time for process steps  
General steps to performing a Gage R&R  
A process for developing / selecting the correct checksheets  
Exercise file  
The DMAIC roadmap from the BPG training material  
Exercise file  
Exercise file