

## **Six Sigma Methodology and measurement system analysis**

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Six sigma is a process improvement methodology that has been in use at Brunswick Smelter for almost 10 years. In order to improve a process, it needs to be measured and a key component of the methodology is the measurement system analysis step. Since the lab at the smelter provides assays to control the smelter process, many six sigma Black Belts have conducted measurement system analysis on the lab. This presentation will introduce the six sigma methodology as a whole and then focus on the measurement system analysis using examples from the Brunswick smelter lab.