

6 SIGMA PROJECT FOR IDENTIFYING SOURCING ALTERNATIVES

Utilizing 6 Sigma techniques, CGN helped determine a sourcing strategy that leverages low cost country advantages while rationalizing the client's supplier base.

Business Problem

Our client's purchasing department discovered they have a lot of data on aluminum cast elbows; however it resided in various places and was not in a very accessible form for management decision making.

CGN Solution

Utilize data analysis and reporting techniques to collect, analyze, and present management information to support the supplier strategy definition.

- Identify aluminum (AL) cast elbows for PCC codes, obtain prints, assign codes, and upload into system. Codes required identification of segment/family, geometry complexity, material code/process, weight, and machining complexity
- Identify 2007 AL elbows; track sourcing responsibilities; and follow-up with buyers, supplier development engineers, design engineers, logistics, and suppliers
- Oversee/assist intern while identifying PCC codes for all AL cast parts
- Prepare sourcing status for AL cast parts for 2007
- Support 6 Sigma project—information gathering and presentation, EAU's, specs, and contacts (buyers, design engineer, supplier, and facility)
- Performed data mining in client's systems
- Locate information from various professionals in disparate organizations
- Review tooling requirements and elevate missing documents/requirements to buyer/supplier

SCOPE

Identify Aluminum (AL) cast elbows for PCC codes; Obtain prints, assign codes and upload into system; Identification of segment/family, geometry complexity, material code/process, weight, and machining complexity for codes

BUSINESS DRIVERS

Rationalize suppliers of aluminum cast iron elbows; Need to organize and analyze disparate sources of data; Communicate the findings into management information



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Customer Benefit

CGN was able to provide data mining and analysis expertise in the client's systems in a very fast and efficient manner.

- Data was mined and turned into management decision making information.
- The CGN consultant became an integral member of a 6 Sigma project quickly and was highly valued on the project.
- Elevated issues that needed management attention.
- The project work contributed to a coordinated AL cast elbow strategy for the client's purchasing department.

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