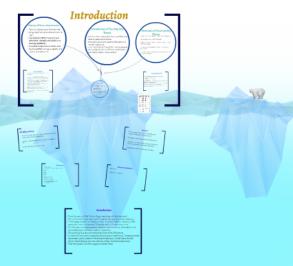
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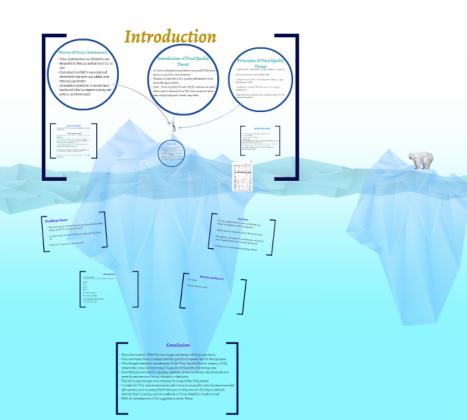


Texas Instruments: Cost of Quality 🚜



Group Presentation by Lida, Shivangi and Zainab

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# Texas Instruments: Cost of Quality



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# Introduction

### History of Texas Instruments

- · Texas Instruments was formed in 1951
- · Merged with Metals and Controls Inc. in
- · Capitalized on M&C's materials and device level strengths and added to its existing capabilities.
- Increased competition in recent years has forced M&C to improve quality and service, and lower costs.

### As international competition increased,TI focused more on quality improvement.

· Financial controls and a quality philosophy were initially emphasized.

Introduction of Total Quality

**Thrust** 

1980 - Total Quality Thrust (TQT) method adopted when study revealed that TI's best products were secondary to Japan's worst suppliers.

### Principles of Total Quality

### Thrust

1) Quality and Reliability (Q&R) is resp

3) A key criteria for performance evaluations include manager's performance on Q&R

4) Only outcomes of Q&R will be measured; not manager's

5) QRR has only one acceptable goal: constantly surpass TI's best

### Cost of Quality

# W :1151; H William B

## Problem/Issue

- $\bullet$  With several costs and losses not being addressed by the COQ system, should TI continue utilizing it?
- $\bullet$  Are there any alternative methods of tracking the quality at

### Analysis

- TI lacks a sophisticated system providing nonfinancial feedback to top management
- COQ system measured quality in financial terms
- Management focused on improving the cost driv

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