**Operations Control** **Final Assessment**

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**Operations Control Final Assessment**

The Nissan Sutherland Factory

Competency Statement: Understand and apply the tools used for operational control

Final Assessment Title: Operations Control Case Study Analysis

Competency Objectives:

1. Demonstrate an understanding of tools used in operations control [e.g. Lean Six Sigma,

Just-in-Time (JIT), Inventory Control, Total Quality Management (TQM), and Material

Requirements Planning (MRP)].

2. Analyze a business case scenario.

Program Learning Outcome(s): N/A

Institutional Learning Outcome(s): ILO 2 – Innovation and Creativity: Construct a novel or unique idea, question, format, or product.

Operations Control Final Assessment: Outline and Rubric

Final Assessment: Outline and Rubric 2

 Introduction

o Describe the important factors about the case to an audience unfamiliar with it;

answering who, what, where, when, and why this is important.

o Integrate targeted ideas from alternate perspectives or ideas to provide a frame of

reference.

 Production Methods

o Explain the importance of TQM to successful outcomes in general.

o Compare and contrast TQM with at least one other production method to identify the benefits and consequences of the methods in the final product.

o What methods were employed and why/how did they contribute to operating success for the specific case study?

 Facility Layouts

o Describe the importance of facility layouts in general.

o What effect did the plan location and layout have on organizational success for the case

study and why?

 Controls

o What are controls and how are they related to operations control overall?

o What processes were employed and why/how did they contribute to operating success

for the case study?

 Quality Assurance

o Discuss the role and methods of quality assurance as they relate to production methods,

facility layout and production processes in general, using the assigned case.

 Conclusion

o Provide a summary of at least three key insights gained and lessons learned from the

case analysis.

 Describe how an understanding of this case study could positively influence your ability to

maintain greater quality control over your own work and methods of quality assurance as they relate to production methods, facility layout and production processes.

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