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| **King Fahd University of Petroleum & Minerals**  **College of Engineering Sciences**  **Mechanical Engineering Department** |  |

**Coop Training Program**

**“…..Name of Company….”**

**Final Report**

**(Report Title)**

**Submitted to**

**Coop Advisor: Dr. ……..**

**Coop Coordinator: Dr. ………**

**Prepared by:**

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| **Name** | **Family Name** | | | | | **First Name** | | | |
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| **KFUPM ID#:** | **2** | **0** | **0** |  |  |  |  |  | **0** |

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| **Submission Date:** | (dd) | | (mm) | | (yyyy) | | | |
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1. **Summary**

Brief summary of the work done and major conclusions during the Coop period

1. **Acknowledgement**

Acknowledge the university support, the company support and individuals.

1. **Table of Contents**

List the report sections and the corresponding page numbers.

1. **List of Figures**

List and number all the figures in the report with descriptive captions. Captions are placed below the figures.

Examples:

Figure 1: Schematic of thermodynamic cycle of power plant …………………….... page#

Figure 2: Sample of compressor vibration at 10,000 rpm ……………………………page#

Figure 3: Photograph of the different drilling bits used in the company…...………....page#

……

…….

Figure X: Variation of Exhaust temperature verses discharge pressure over fuel staking reference.....................................................................................................................Page#

1. **List of Tables**

List and number all the tables in the report with descriptive titles. Titles are placed above the tables.

Examples:

Table1: Maintenance cost, manpower and down time around the year …………… page#

Table 2: Equivalent Length of Straight Pipe for Valves and Fittings ……………….. page#

……

…….

Table X: ………………………………………………………………………….page #

1. **List of Abbreviations and Symbols**

List all the abbreviation in the report:

SSSF: Steady State-Steady Flow

RPM: Revolution per Minute

BEP: Best Efficiency Point

HGPI: Hot Gas Part Inspection

FSR: Fuel Stock Reference

**Example of some list of symbols in the report, with units**:

Ɵ Angular position [rad]

µ Fluid viscosity [Pa·s]

V Velocity [m/s]

P Pressure [k Pa]

T Temperature [K]

1. **Report Chapters**

**Chapter 1**: Introduction (coop company, coop plan, etc.)

**Chapter 2**: Design & Requirements of (Main body of your report)

**Chapter 3:**  Case Studies (should be planned ahead and supported with problem origin, photos, calculations, and solution(s); if applicable.

**Chapter 4**: Conclusionsand Recommendations (Summaries the coop outcomes and experiences)

**NOTE: You must refer to each figure and each table in the text.**

1. **Appendices**

Anything that can be used as a supplementary/auxiliary material for the report context may be added to the appendix, (e.g. Long derivations, standards, Charts,… etc.)

1. **References**

**Examples:**

[1] Beck, S. B., Curren, M. D., Sims, N. D., and Stanway, R., 2005, "Pipeline Network Features and Leak Detection by Cross-Correlation Analysis of Reflected Waves," Journal of Hydraulic Engineering, 131(8), pp. 715-723.

[2] <http://crawfordsprinklercompany.com/Auto_fire.aspx>

[3] ASHREA BOOK, 1999