

 Rockmail, Inc.	CRANES & RIGGING MATERIAL HANDLING		
	Revision:	Date: 10-24-19	

Revision Level	Date of Issue	Description of Change	Prepared by	Approved by
0	10-24-19	Original	Paul Black	

PREVIEW

TABLE OF CONTENTS

TABLE OF CONTENTS.....	2
1.0 INTRODUCTION.....	3
2.0 PURPOSE.....	3
3.0 SCOPE.....	3
4.0 REFERENCES.....	3
5.0 RESPONSIBILITIES.....	3
5.1 Company.....	3
5.2 Supervisor/Foreman.....	3
5.3 Crane Operator.....	4
5.4 Rigger/Signal Person.....	5
5.5 Employee.....	6
6.0 TRAINING.....	6
7.0 INSPECTION	7
7.1 Crane Inspections.....	7
7.2 Rigging Equipment and Hardware Inspections.....	8
8.0 GENERAL REQUIREMENTS.....	8
9.0 CRANE SETUP.....	9
9.1 Site Preparation.....	9
9.2 Setup on Soft Ground.....	9
9.3 Outriggers.....	9
9.4 Maintain Crane Clearances.....	10
10.0 CRITICAL LIFT.....	10
11.0 MAINTENANCE.....	10

PRELIMINARY

1.0 INTRODUCTION

Rockford owns or operates cranes in the course of its work. However, due to the hazards associated with cranes and their use, and the fact that most crane accidents are catastrophic, Rockford has developed the following guidelines for crane use.

2.0 PURPOSE

To protect Rockford employees from improper use of cranes, hoists, and rigging devices which can cause equipment to fail or loads to drop; resulting in personnel injury, death, significant property loss, or damage to the environment.

This procedure is intended to comply with the Occupational Safety and Health Administration (OSHA) General Industry regulation 29 CFR 1910.179 – *Overhead and Gantry Cranes* and the Construction regulations 29 CFR 1926.

To ensure that cranes leased, rented, or owned by Rockford can perform safely when operated within the designated parameters set by the manufacturer.

3.0 SCOPE

This program establishes guidelines to be followed by all operating units whenever any employee works with or within the vicinity of cranes or derricks.

4.0 REFERENCES

- OSHA General Industry Safety Standards 29 CFR 1910, Subpart N – *Materials Handling and Storage*.
- OSHA Construction Industry Safety Standards 29 CFR 1926, Subpart N – *Helicopters, Hoists, Elevators, and Conveyors* and 29 CFR 1926, Subpart CC – *Cranes and Derricks in Construction*.
- ANSI B 15.1 – 1958 Safety Code for Mechanical Power Transmission Apparatus.
- ANSI B 30.5 – 1968 Mobile Crane and Locomotive Crane or SAE 959-1966 Lift Crane, Wire Rope Strength Factors for Rope Safety Factors.

5.0 RESPONSIBILITIES

5.1 Company

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5.2 Supervisors/Foremen

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5.3 Crane Operator

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5.4 Rigger/Signal Person

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5.5 Employee

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6.0 TRAINING

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7.0 INSPECTIONS

7.1 Crane Inspections

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8.0 GENERAL REQUIREMENTS

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9.0 CRANE SETUP

9.1 Site Preparation

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9.2 Setup on Soft Ground

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9.3 Outriggers

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9.4 Maintain Crane Clearances

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10.0 CRITICAL LIFT

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11.0 MAINTENANCE

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Sincerely,
Gary Mason
CEO, iSi Environmental

PREVIEW