
SRI LANKAN ASBESTOS INDUSTRY

Improvement of Environmental Performances through EMS



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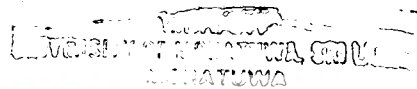
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by

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This thesis was submitted to the department of Civil Engineering of the University of Moratuwa in partial fulfillment of the requirements for the Degree of MSc in Engineering

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Declaration

The work included in the thesis in part or whole has not been submitted for any other academic qualification at any institution



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Abstract

Environment issues have played an important part in recent years at the public debates because the human family and environment faced a common challenge of surviving.

A new approach to environmental protection is now available thanks to the development of new international standards on environmental management, ISO 14001. The standard is lead to enhance the quality of life and environmental requirements through the sustainable development of society, which involves the protections of environment and by ensuring the human lives in healthy and safe environment. The implementation of the environmental management system prescribed by ISO 14001 can lead to good compliance with environmental legislation and continual improvement in the environmental performance.

Standardization plays an important role in present trade because of its market value due to demanding of consumers. Most companies with environmental impacts, like asbestos industry seeks the environmental standards by implementing environmental management system to overcome this demand as market pressure.

In Sri Lanka Asbestos products, which use for roofing industry has no much confidents in its production process and usage. The public has no clear view about the asbestos even these products are used by them. The producers of asbestos are still try to find what are the more convenient ways in every directions, may in product quality, may in occupational health & safety, may in environmental safety to produce it in much safer ways. The regulatory bodies have not defined specific rules & regulations for this industry.

The environmental management system implementation within ISO 14001 standard to the asbestos production process at such factories and related studies are most effective ways to asses & identify the occupational, public health and environmental risk associated with asbestos productions. The informed details by work helps to propose the safer work practise & environmental standard to minimise its harmful effects.

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| | Page |
|-----------------|-------------|
| Abstract | i |
| Acknowledgement | ii |
| Contents | iii |
| List of Figures | vii |
| List of Tables | vii |

Contents

| | | |
|-------|---|----|
| 1 | Introduction and Objectives of the Research | 1 |
| 2 | Literature Review | 3 |
| 2.1 | Environmental Management System | 3 |
| 2.1.1 | Environmental Concerns (History of Development) | 3 |
| | 2.1.1.1 Human Attention to Protect Environment | 3 |
| 2.1.2 | ISO 14000 (History & Introduction) | 5 |
| | 2.1.2.1 Five Clusters in ISO 14000 | 6 |
| | 2.1.2.1.1 Environmental Management Systems | 7 |
| | 2.1.2.1.2 Environmental Auditing | 8 |
| | 2.1.2.1.3 Environmental Labelling | 9 |
| | 2.1.2.1.4 Environmental Performance Evaluation | 9 |
| | 2.1.2.1.5 Life cycle Assessment | 9 |
| | 2.1.2.2 Implementation and Certification of ISO 14001 | 10 |
| | 2.1.2.2.1 ISO 14001 Implementation | 10 |
| | 2.1.2.2.1.1 Commitment and Policy | 11 |
| | 2.1.2.2.1.2 Planning | 11 |
| | 2.1.2.2.1.3 Implementation | 11 |
| | 2.1.2.2.1.4 Measurement, Evaluation and Corrective Actions | 12 |
| | 2.1.2.2.1.5 Management Review and improvement | 12 |
| | 2.1.2.2.2 ISO 14000 Certification | 12 |
| | 2.1.2.2.2.1 Application | 13 |
| | 2.1.2.2.2.2 Initial assessment (document review) | 13 |
| | 2.1.2.2.2.3 Certification assessment | 13 |
| | 2.1.2.2.2.4 Certification | 14 |
| | 2.1.2.2.2.5 Surveillance | 14 |
| | 2.1.2.3 ISO 14001 implementation and certification road map | 14 |
| 2.2 | Asbestos Industry | 16 |
| 2.2.1 | Asbestos History & Introduction | 16 |
| 2.2.2 | Types of Asbestos | 17 |
| | 2.2.2.1 Chrysotile | 18 |
| | 2.2.2.2 Crocidolite | 18 |

| | Page | |
|-----------|--|----|
| 2.2.2.3 | Amosite | 18 |
| 2.2.2.4 | Anthophyllite | 19 |
| 2.2.2.5 | Tremolite | 19 |
| 2.2.2.6 | Actinolite | 19 |
| 2.2.3 | Properties of Asbestos | 19 |
| 2.2.3.1 | Physical Properties | 19 |
| 2.2.3.2 | Thermal Properties | 20 |
| 2.2.3.3 | Mechanical Properties | 20 |
| 2.2.3.4 | Chemical Properties | 20 |
| 2.2.3.4.1 | Serpentine minerals | 21 |
| 2.2.3.4.2 | Amphibole minerals | 21 |
| 2.2.3.5 | Other Properties | 22 |
| 2.2.4 | Asbestos for human health | 22 |
| 2.2.4.1 | Asbestos Related Diseases | 23 |
| 2.2.4.1.1 | Asbestosis | 23 |
| 2.2.4.1.2 | Lung Cancer | 24 |
| 2.2.4.1.3 | Mesothelioma | 24 |
| 2.2.5 | Dimension Factor of Asbestos fibres which are carcinogenic | 24 |
| 2.2.6 | Asbestos Applications and Alternatives | 25 |
| 2.2.6.1 | Asbestos in Construction Industry & Alternatives | 26 |
| 2.2.7 | Regulation History and Development for Asbestos Industry | 28 |
| 2.2.8 | Monitoring and Sampling Methods of Asbestos | 32 |
| 3 | Implementation of EMS to Asbestos Industry | 34 |
| 3.1 | Asbestos Cement-Sheet Production Process | 34 |
| 3.1.1 | Fibre Storage and Handling | 34 |
| 3.1.2 | Fibre Debagging | 34 |
| 3.1.3 | Fibre Preparation (Fiberizing) | 36 |
| 3.1.4 | Cement Storage | 36 |
| 3.1.5 | Formation of Asbestos-Cement Sheet | 37 |
| 3.1.6 | Sheet Curing | 38 |
| 3.1.7 | Cutting and Finishing of Sheet | 38 |
| 3.2 | Improvement of Environmental Performances through EMS | 38 |
| 3.2.1 | Impacts of Fibre Storage and Handling | 39 |
| 3.2.2 | Impacts of Fibre Debagging | 39 |
| 3.2.3 | Impacts of Fibre Preparation (Fiberizing) | 40 |
| 3.2.4 | Impacts of Cement Storage | 40 |
| 3.2.5 | Impacts of Formation of Asbestos-Cement Sheet | 40 |

| | Page | |
|------------|--|-----------|
| 3.2.6 | Impacts of Sheet Curing | 41 |
| 3.2.7 | Impacts of Cutting and Finishing of Sheet | 41 |
| 3.2.8 | Waste handling at asbestos production factory | 41 |
| 3.2.8.1 | Wet waste (Sludge or Slurry) | 42 |
| 3.2.8.2 | Process water & Effluent Discharge | 42 |
| 3.2.8.3 | Hard waste | 42 |
| 3.2.8.4 | Friable waste | 43 |
| 3.2.9 | Clean up & Disposal of Asbestos Waste at Production Sites | 43 |
| 3.2.10 | Transport of Asbestos Waste | 44 |
| 3.2.11 | Field installation of asbestos-Cement Sheets | 45 |
| 3.2.12 | Cleaning up at field working Site | 46 |
| 3.3 | Case Study: Implementation of ISO 14001 to an Asbestos Factory | 46 |
| 3.3.1 | Environmental Policy | 47 |
| 3.3.2 | Planning | 48 |
| 3.3.2.1 | Environmental Aspect Evaluation | 48 |
| 3.3.2.2 | Legal and Other Requirements | 51 |
| 3.3.2.3 | Objectives & Targets | 52 |
| 3.3.2.4 | Environmental Management Programs | 53 |
| 3.3.3 | Implementation & Operation | 55 |
| 3.3.3.1 | Structures and Responsibility | 55 |
| 3.3.3.2 | Training & Awareness | 57 |
| 3.3.3.3 | Communication | 58 |
| 3.3.3.4 | Document Control | 58 |
| 3.3.3.5 | Operational Control | 59 |
| 3.3.3.6 | Emergency Preparedness and Response | 61 |
| 3.3.4 | Checking & corrective actions | 61 |
| 3.3.4.1 | Monitoring & Measurements | 61 |
| 3.3.4.2 | Non-Conformance and Corrective & Preventive actions | 62 |
| 3.3.4.3 | Records | 62 |
| 3.3.4.4 | EMS Audits | 62 |
| 3.3.4.5 | EMS Review | 63 |
| 4 | Discussion ; Benefits and Limitations of EMS & ISO 14001 Implementation | 65 |
| 4.1 | Benefits | 65 |
| 4.1.1 | Waste minimisation | 65 |

| | | Page |
|---------|--|-------------|
| 4.1.2 | Reduced injuries | 65 |
| 4.1.3 | Reduced operation costs | 66 |
| 4.1.4 | Positive impact on competitive trade | 66 |
| 4.1.5 | Demonstrated compliance with regulations | 66 |
| 4.1.6 | Improved customer's trust & satisfaction, enhanced the company image and credibility and community relations | 67 |
| 4.2 | Problems associated with ISO 14001 implementation and certification to factory | 67 |
| 4.2.1 | Management barriers related to the knowledge, aptitude and attitude of the organization's management. | 67 |
| 4.2.2 | Organizational barriers related to the organizational structure and characteristics of companies | 68 |
| 4.2.3 | Operational barriers | 68 |
| 5 | Proposed regulations for asbestos-cement sheet production and usage | 70 |
| 5.1 | Scope and definitions | 71 |
| 52 | Engineering controls and Work practice | 73 |
| 5.2.1 | Fibre preparations | 73 |
| 5.2.2 | Handling finish products | 74 |
| 5.2.3 | Finishing operations within the Factory | 74 |
| 5.2.4 | Use of Asbestos at site | 74 |
| 5.2.5 | Waste disposal | 75 |
| 5.2.5.1 | Waste disposal at production (factory) | 75 |
| 5.2.5.2 | Waste disposal at working site | 76 |
| 5.2.5.3 | Transport of waste | 76 |
| 5.3 | Permissible exposure limits (PELs) | 77 |
| 5.4 | Exposure assessments, Sampling methods and Monitoring | 77 |
| 5.4.1 | Exposure assessments | 78 |
| 5.4.2 | Sampling methods | 78 |
| 5.4.3 | Monitoring | 78 |
| 5.4.3.1 | Monitoring strategy should consist of the following aims | 78 |
| 5.4.3.2 | Handling samples | 79 |
| 5.4.3.3 | Pumps, Flow rates and Air volume | 79 |
| 5.5 | Personal Protective practices | 79 |
| 5.5.1 | Respiratory equipments | 79 |
| 5.5.2 | Protective clothing | 80 |

| | | Page |
|-------|-------------------------------|-------------|
| 5.5.3 | Hygiene facilities | 81 |
| 5.6 | Medical surveillance | 82 |
| 5.7 | Record keeping | 83 |
| 6 | Conclusions & Recommendations | 84 |

References

List of Figures

| | | |
|-----------|---|----|
| 2.2.3.4.1 | Plan & elevation view of idealized structure of serpentine material | 21 |
| 2.2.3.4.2 | Plan & end view of an idealized amphibole chain | 22 |
| 3.1 | Asbestos-Cement Sheet Production Process | 35 |



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List of Tables

| | | |
|----------|--|----|
| 2.2.3.1 | Physical Properties of Asbestos | 19 |
| 2.2.8 | Typical dust concentration | 33 |
| 3.3.2.1 | Environmental Aspect & Significance Evaluation record | 49 |
| 3.3.2.3 | Environmental Objectives and target | 53 |
| 3.3.2.4 | Environmental Management Programs | 54 |
| 3.3.3.1a | Structure & Departmental Responsibilities | 55 |
| 3.3.3.1b | Titleholders and their specific roles and responsibilities | 56 |
| 3.3.3.2 | Training needs | 58 |
| 3.3.3.5 | Operational Controls | 59 |
| 3.3.3.6 | Emergency Preparedness and Response | 61 |
| 3.3.4.4 | Internal Audit Plan | 63 |