

# Developing a Right-sized Sustainable OHS Management System for The Farming Industry

**Dr. Rama Akula**

Occupational Safety and Health Practitioner (UK), C. Eng.(Mech), MBA, CMIOSH (UK), PhD

**Dr. Chitram Lutchman**

CSP, CRSP, B.Sc. (Agriculture), 1<sup>st</sup> Class Power Engineer, MBA, DBA

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**Ag-Safe**  
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*End to End One-Stop-Shop Solution for Safety*

Canadian Agricultural Safety  
Association annual conference 2019 |  
Quebec City | October 8 – 10



**CASA | ACSA**  
CANADIAN AGRICULTURAL SAFETY ASSOCIATION  
ASSOCIATION CANADIENNE DE SÉCURITÉ AGRICOLE

# Presentation Contents

- Introduction
- Safety Video
- Fatalities statistics - Canada Agricultural business
- Canadian Regulations
- Why Do we need a System
- How to develop Custom Management System
- Time frame
- Typical Examples
- How to get support
- Advantages
- Summary
- Contact details

## Presenters

### **Dr. Rama Akula**

Mobile:+1 403 200 2045

e-mail: [rakula@agsafesolutions.com](mailto:rakula@agsafesolutions.com)

### **Dr. Chitram Lutchman**

Mobile:+14693539974

e-mail: [clutchma@agsafesolutions.com](mailto:clutchma@agsafesolutions.com)

# Presenters Introduction

- Qualified Professionals
- Practical Experience in OHS Practices
- Extensive experience
  - Agricultural Safety
  - Oil and Gas
- Published Books
  - Fundamentals of Safety
  - Safety Management
  - Process Safety
  - Project Management
  - Operations Excellence
- Participation in Safety Conferences
  - North America, Middle East, Asia
- International Journals publications
  - Safety and Quality
- Recognitions and Awards



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Contact: Tel 1-403 362 7424 Email: [customersupport@agsafesolutions.com](mailto:customersupport@agsafesolutions.com)

# Video - Farming Equipment Accident



## Incident Details:

Date: 19 April 2019

Location: Nebraska, USA

Person Injured: Kurt Kaser

Age: 63 years

*“working alone in his 1500 acres (607 hectares property)”*



**PENDER, NEBRASKA** — A farmer in Nebraska had to amputate his own leg after it got trapped in farming equipment, ABC News reports.

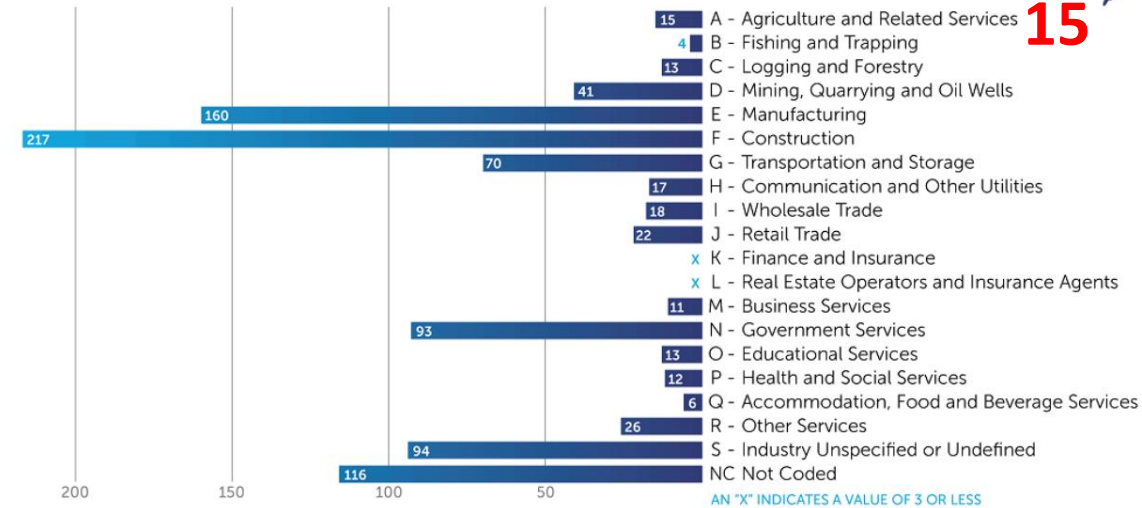
SOURCES: WCSC-TV, BBC News, ABC News  
[https://www.live5news.com/2019/05/21/...](https://www.live5news.com/2019/05/21/)  
<https://www.bbc.com/news/world-us-can...>  
<https://abcnews.go.com/US/nebraska-fa...>

# Agricultural and Related services – Fatalities and Lost Time Claims 2017

## 2017 Fatalities in Canada

CANADA TOTAL: 951

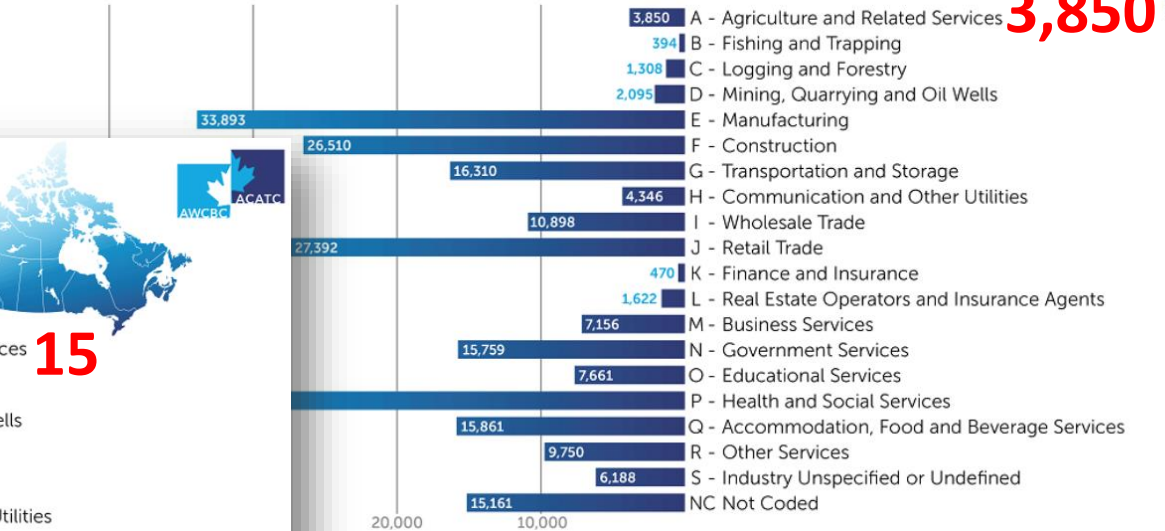
BY INDUSTRY



## 2017 Lost Time Claims in Canada

CANADA TOTAL: 251,625

BY INDUSTRY



Source: Association of Workers' Compensation Boards of Canada [http://awcbc.org/?page\\_id=14#fatalities](http://awcbc.org/?page_id=14#fatalities)



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End to End One-Stop Solution for Safety

# Do we really need an OHS Management System?

**Yes...** to **protect our family** and **community**

The **Key objective** is OHS Management System is to implement a systematic, and comprehensive process for **managing safety risks**.

An **OHS Management System**

- **Assists** in proactive **goal setting, planning,** and **performance measurement.**
- **Identify** workplace **risk** and implement suitable **controls.**

# OHS Management System – an essential Part of our farm

**Health and safety** is a **fundamental requirement** of a sustainable farming business and should be regarded as **an essential part of farm** business management.

Good farmers

- **Recognize** the **benefits of reducing incidents** and **ill health** among their workers **in their farm**
- **Aware** of the **financial** and other **reasons to** aim for and **maintain good standards** of health and safety.



**People have a right to return home from work safe and sound**

# What are the Canadian OHS Regulations for Farming

Province/Territory	Applicable Safety Regulations *
Alberta	The Occupational Health and Safety (OHS) Act - Alberta
British Columbia	OHS Regulation Part 28: Agriculture - British Columbia
Manitoba	Manitoba Workplace Safety and Health Act and Regulation-2016
New Brunswick	Mitigation, Prevention, Occupational Health and Safety Program
Newfoundland and Labrador	Newfoundland And Labrador Regulation 5/12
Nova Scotia	Occupational Safety General Regulations, Occupational Health and Safety, First Aid Regulations, Workplace Hazardous Materials Information System (WHMIS) Regulations, Fall Protection and Scaffolding Regulations
Ontario	Occupational Health and Safety Guidelines for Farming Operations in Ontario
Prince Edward Island	Occupational Health And Safety Act General Regulations & Farm Safety Program
Quebec	An Act respecting occupational health and safety (AOHS)(CQLR, c. S-2.1) An Act respecting industrial accident and occupational diseases (AIAOD) (CQLR, c. A-3.001)
Saskatchewan	The Occupational Health and Safety Regulations, 1996 and Farm Safety
Northwest Territories	Safety Act, Occupational Health and Safety Regulations
Nunavut	Safety Act - Consolidation Of Occupational Health And Safety Regulations
Yukon	Occupational Health and Safety Act and Regulations



# We are different....What is right sized for us?

## First step ... Focus on key areas of work

- Tractors/Self-Propelled Farm Equipment
- Farm Equipment
- Large Animal Handling
- Personal Protective Equipment
- Falls, Slips and Trips
- Lockout Procedures
- Hazardous Atmospheres and Confined Spaces
- Occupational Illness

Organize your next step ...

*Doing the right thing the right way every time*

***We Must Enable Everyone By Providing Them With ...***

***The Right Thing***

***The Right Way***

***Everytime***

***Management System –  
Defining What is to be  
done***

***Safe Work Practices –  
Explaining how to do it***

***Operating Discipline –  
Supervision & Culture***

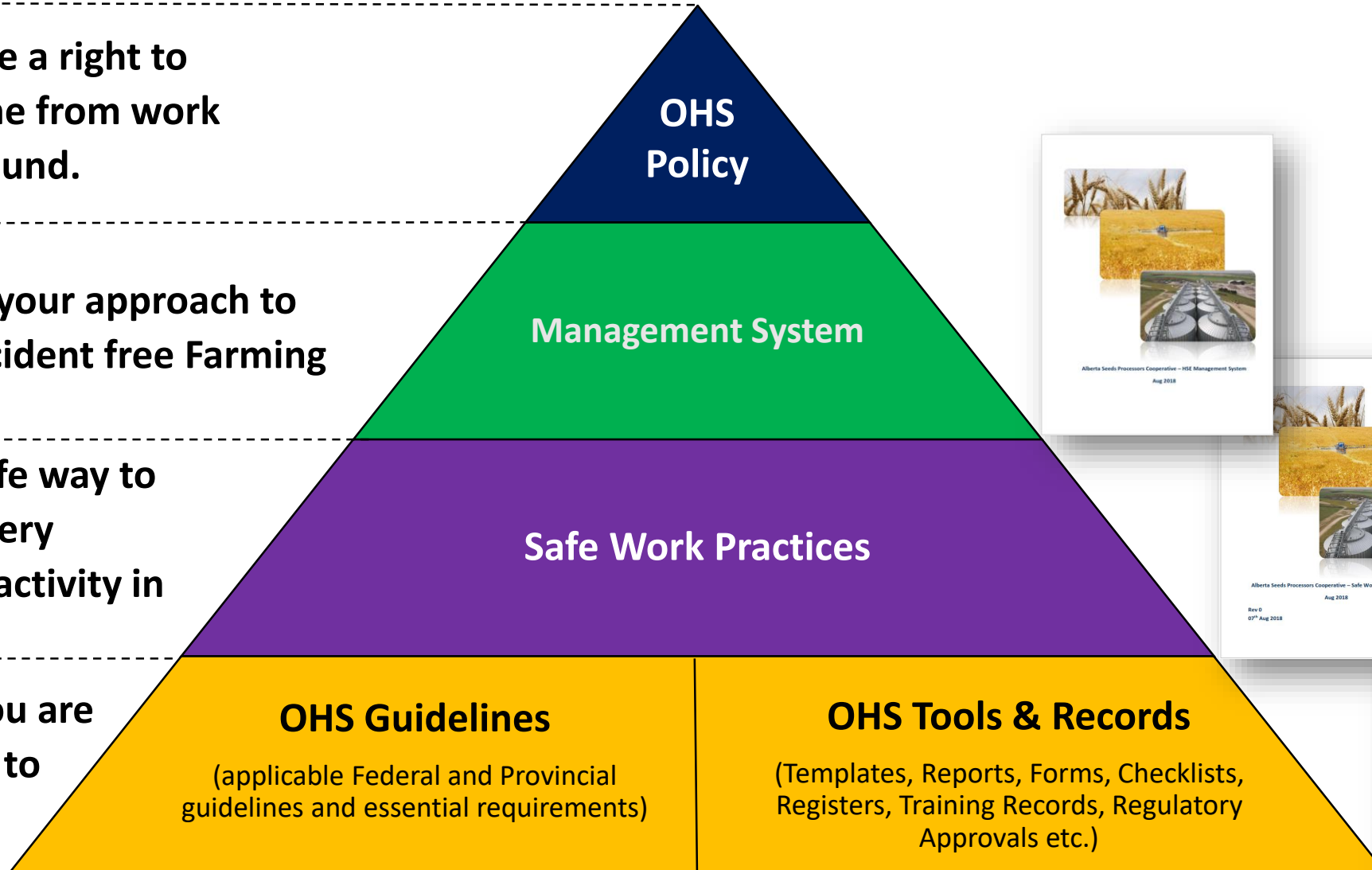
# Establish Custom OHS Management System

People have a right to return home from work safe and sound.

Document your approach to achieve accident free Farming

Develop safe way to perform every hazardous activity in farm

To prove you are committed to safety



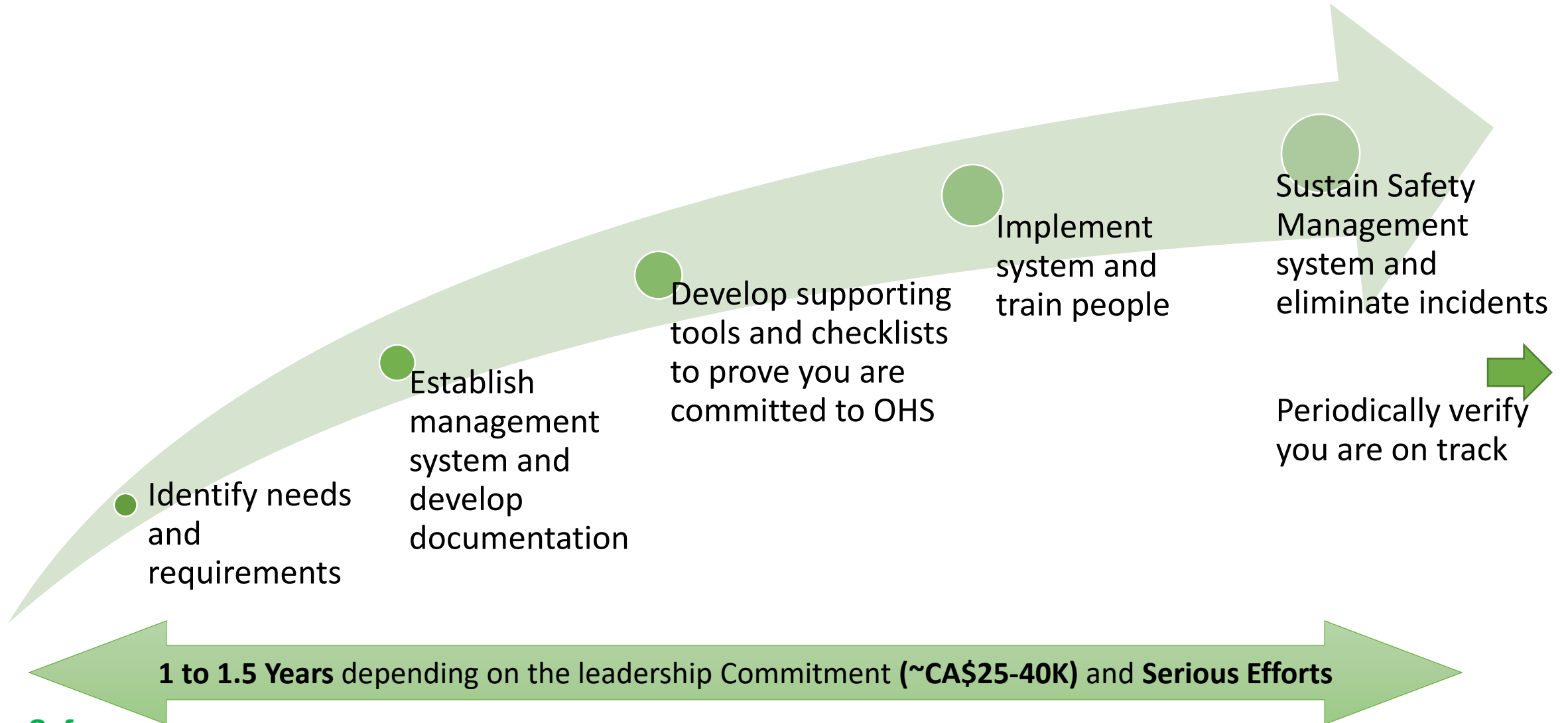
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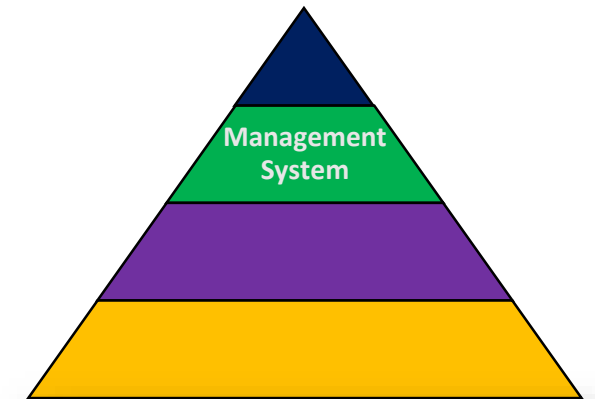
# Stages in implementing an OHS Management System



# Typical Contents of OHS Management System

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Alberta Seeds Processors Cooperative – HSE Management System  
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# Typical Safe Work Practices for Farming Industry

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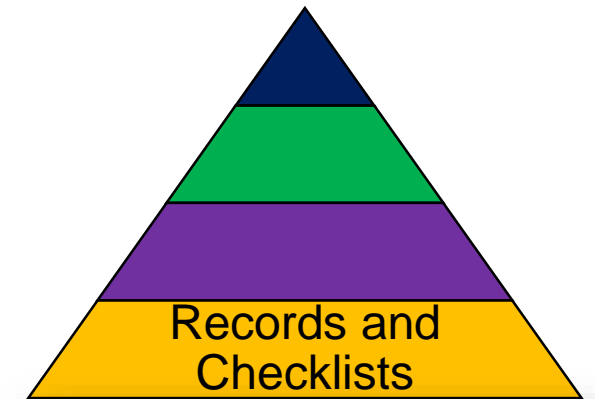
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Rev 0  
07<sup>th</sup> Aug 2018

# Typical Records and Checklists for Farming Industry

1. Accident Investigation and RCA Form
2. Aerial Work Platform (AWP) Pre-Use Inspection Checklist and Operator Qualification Form
3. Compressed Gas Cylinder Inspection Checklist
4. Confined Space Authorization
5. Confined Space Entry Log
6. Daily Excavation and Trench Inspection Report Form
7. Daily Maintenance of Mobile Equipment
8. Earthmoving Equipment Inspection Checklist Form
9. Emergency Evacuation Drill Report Form
10. Emergency Rescue Plan
11. Employee Acknowledgment Form
12. Energized Electrical Safe Work Permit
13. Equipment Deficiency Report
14. Equipment Inspection Form
15. Equipment Operator Qualification Evaluation Form
16. Eyewash Station Maintenance
17. Fire Extinguisher Maintenance
18. First Aid Kits
19. Formal Site Inspection
20. Formal Site Inspection Final Report
21. Gas Monitor Calibration
22. Gas Test Log
23. General Service Record
24. Generic Safe Work Permit
25. Industrial Forklift Inspection Checklist Form
26. Location of First Emergency Equipment
27. Loss Time Injury (LTI) and Injury Treatment Record
28. Maintenance Record
29. Management of Change (MOC) Form
30. Mobile Equipment Permit for Work near Hazardous or Critical Pipelines Form
31. Monthly Office and Facilities HSE Inspection Checklist
32. New Employee Orientation Checklist
33. Personal Lock Removal Authorization Form
34. Portable Ladder Inspection Checklist
35. Quarterly Oxygen / Fuel Equipment Inspection Checklist
36. Safety Statistics Worksheet
37. Scaffold Inspection Checklist
38. Shop/Office Inspection Form
39. Skid Steer/Loader Pre Operation Checklist
40. Spot Inspection Form
41. Subcontractor Acknowledgment Form
42. Subcontractor Orientation Checklist
43. Truck Deficiency Report
44. User Fitness Screening Form
45. Vehicle Inspection Form
46. Vehicle Inspection Log
47. Vendor Truck Loading and Unloading Checklist Form



Alberta Seeds Processors Cooperative – Forms and Checklists

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Well, we focus on our job ... we don't have enough time... Is there any Solution?

**Yes**.... There are multiple ways

- **Identify**
  - OSH requirements necessary to your farm
  - Associated regulatory/statutory bodies
  - Gather information **and build** your own system
- **Get assistance from professionals** to tailor OHS program to your farm needs
- Impart **professional training** to your employees to develop custom OHS Management system.

Remember every farm is unique... and one size doesn't fit all.

# Advantages in implementing an OHS Management System

- You, your family and workers are **safe**. This reduces the costs and headache from accidents and incidents.
- Compliance with legal requirements **reduces** the chance that you will commit any **offences**.
- If employees see that you are actively looking after their health and safety, relations and **morale will improve**.
- Improves your image and helps generate **positive PR** for your farming.
- Improves the **efficiency** of your business
- You can **lower your insurance premiums**.
- Banks and investors will be more **willing to finance**
- Business partners have more **confidence** in your business.
- Larger companies and government agencies **inclined to do business** that can show effective management systems.

# Summary

- **Develop and Implement** right-sized sustainable OHS management system to improve safety performance
- **Review** your existing OHS management system and tailor/custom to your specific needs
- **Focus on Improvement** and review your OHS Management System on frequent intervals to ensure it is working for you
- **Aware** of latest regulations to avoid regulatory non-compliances
- **Access professionals** help if you cannot handle the job

## Resources

Canadian Agricultural Safety Association - <http://www.casa-acsa.ca/>

ON Farm Safety Association - <http://www.farmsafety.ca/>

Farm and Ranch Safety and Health Association - <http://www.farsha.bc.ca/>

MN Farm Safety-<http://www.gov.mb.ca/agriculture/farmsafety/index.html>

Agricultural Health and Safety Network -

<http://www.cchsaccssma.usask.ca/ahsn/index.php>

Canadian Farmers with Disabilities Registry - <http://www.fwdcanada.com/>

NY Center for Agricultural Medicine and Health -<http://www.nycamh.com/>

Contact us if you need any assistance in OHS Management System



**Ag-Safe**

**Solutions Inc.**

*End to End One-Stop-Shop Solution for Safety*

Box 93, Station Main  
Brooks, AB, Canada, T1R 1B2

[customersupport@agsafesolutions.com](mailto:customersupport@agsafesolutions.com)

Tel 1-403-362-7424

Fax 1-403-362-8864

Presenters

**Dr. Rama Akula**

Mobile:+1 403 200 2045

e-mail: [rakula@agsafesolutions.com](mailto:rakula@agsafesolutions.com)

**Dr. Chitram Lutchman**

Mobile:+14693539974

e-mail: [clutchma@agsafesolutions.com](mailto:clutchma@agsafesolutions.com)

---

**Directors**

**Cell Phone**

Kelly Thornton

403-633-7000

Corey Harink

403-793-4260

Rama Akula

403-200-2045

Chit Lutchman

469-353-9974

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