

Environmental Management Systems Annual Refresher Training

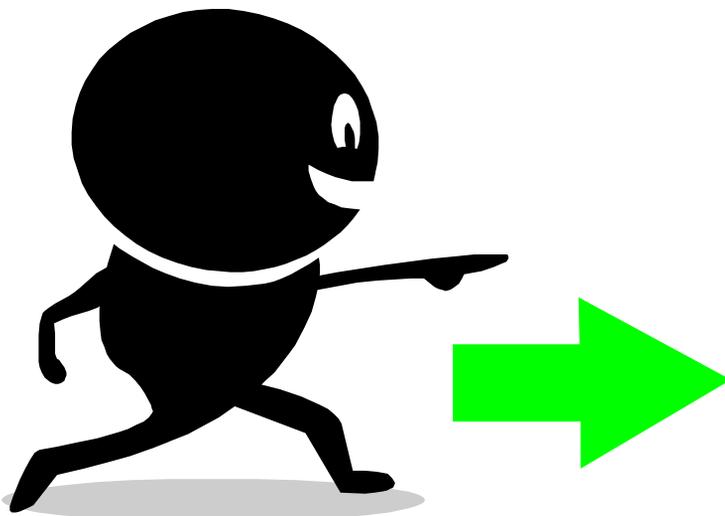


**** A quiz will follow for completion of this course.



Thank you for taking time to complete your Environmental Management Systems (EMS) annual refresher course.

I hope within our short time together you will learn the basics about what our EMS program at RRC is all about.

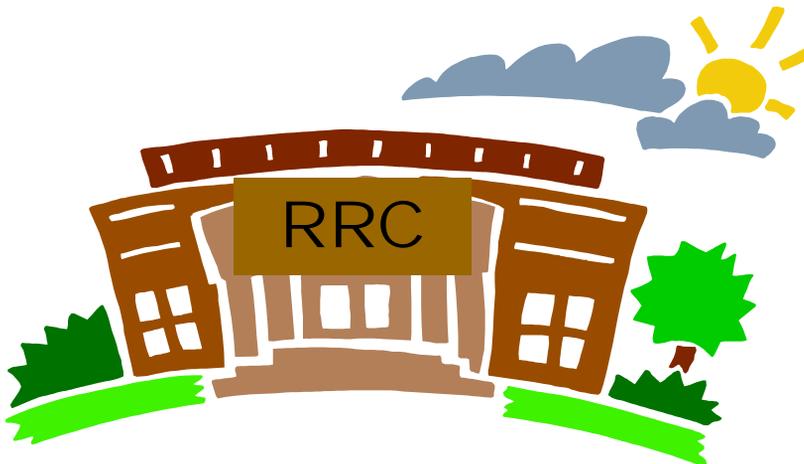


EMS is:

- Required under federal law to be implemented and practiced by all employees at federal facilities to reduce our environmental footprint.



- A management tool for measuring and continuously improving our environmental footprint.

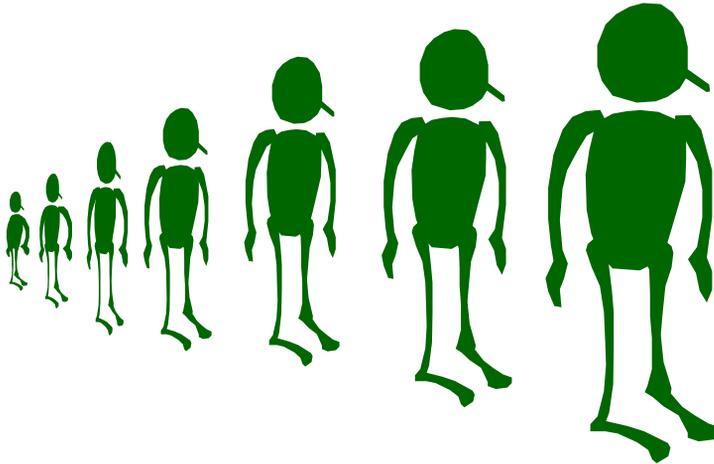


EMS and



Your Role:

All personnel have roles and responsibilities at your location for EMS.



Your level of participation will vary according to the work you perform.

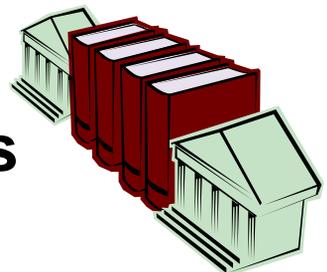


Your responsibilities:

At a minimum, you should know:

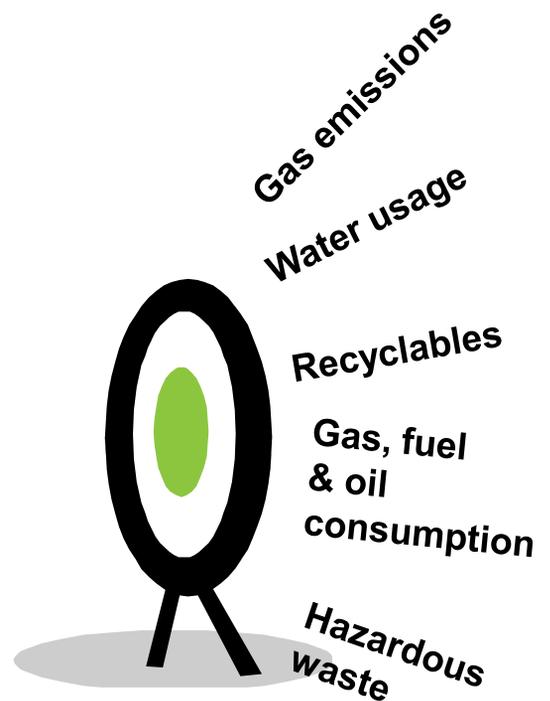
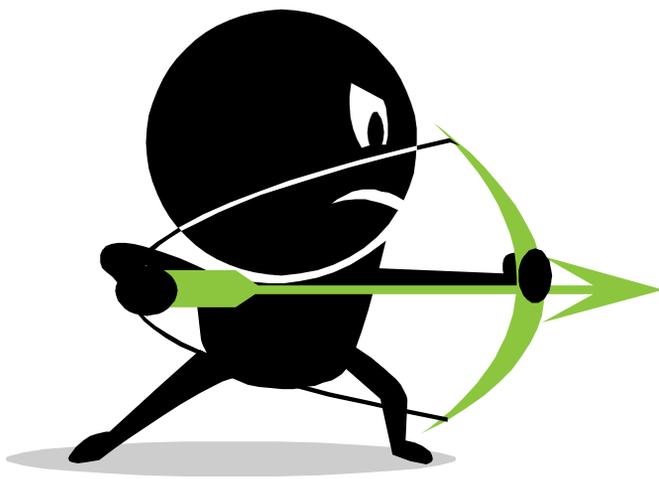


- **The commitments of the Environmental Policy**
- **How your job impacts the environment**
- **The procedures/protocols of your job and adhering to them**
- **The potential environmental impacts of departing from the procedures of your job**
- **The legal and other requirements of your job**



EMS:

- reviews environmental aspects and impacts of relevant activities
- targets significant environmental impacts
- maintains environmental compliance





An EMS is Management

- **Based on commitment and increased involvement of top management**



- **Alignment of environmental and mission objectives**



- **Consistent with other management systems**

EMS is a System:

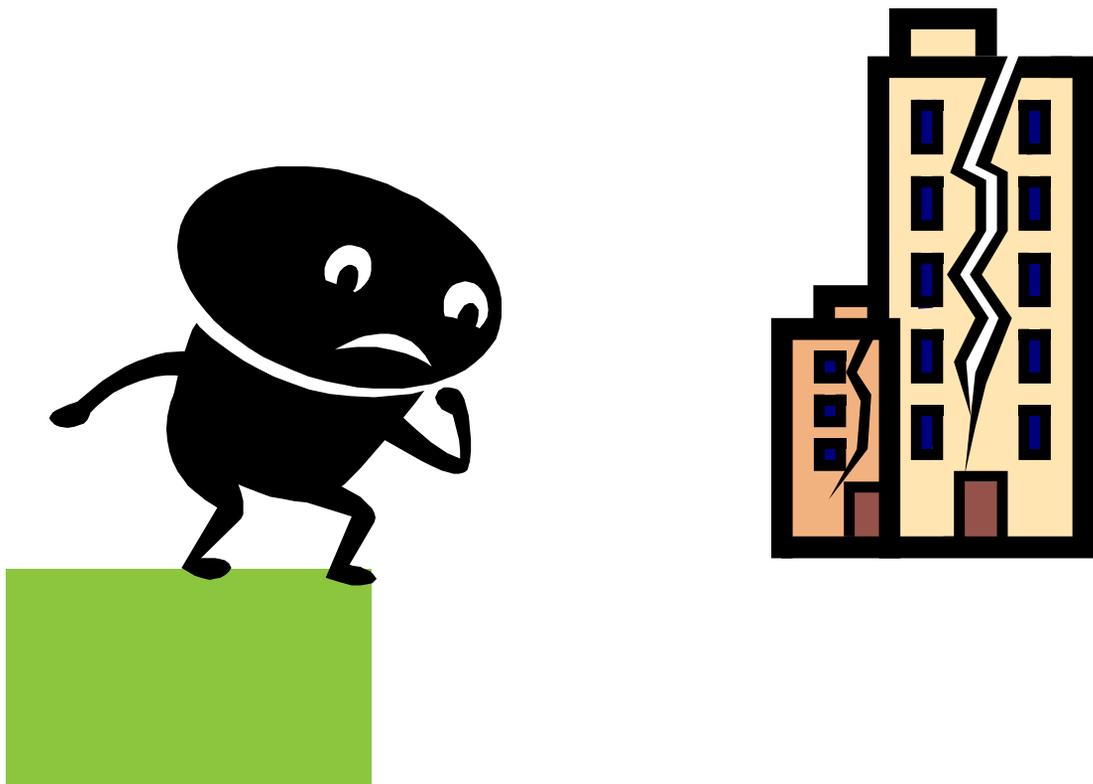


- **Interrelated procedures and controls**
- **Checks and balances**
- **Continual improvement**



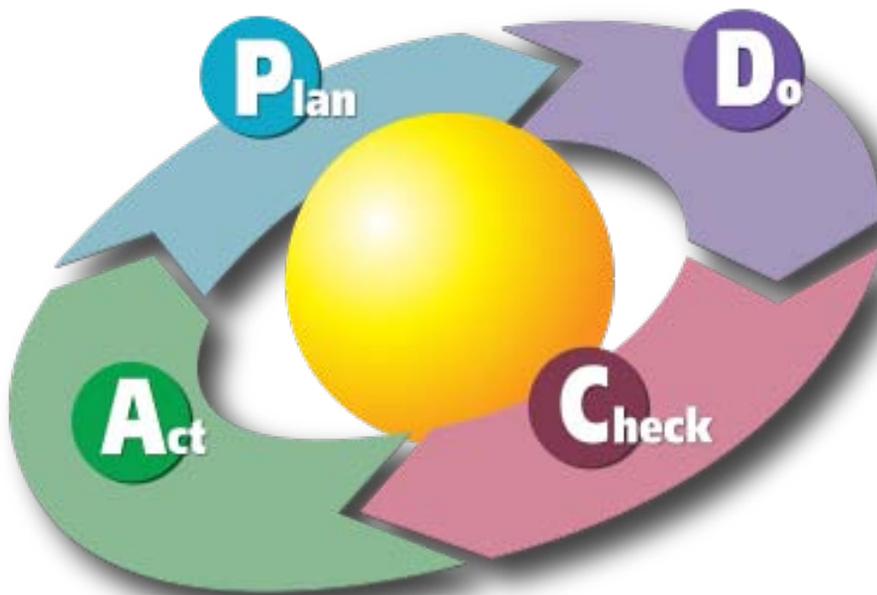
EMS is:

***“implemented for the purpose of reducing the potential for human, economic, and environmental loss associated with injury, illness, and property damage incidents”
(ISO 14001)***



EMS:

Brings together the people, policies, plans, review mechanisms, and procedures used to manage environmental issues at a Location.

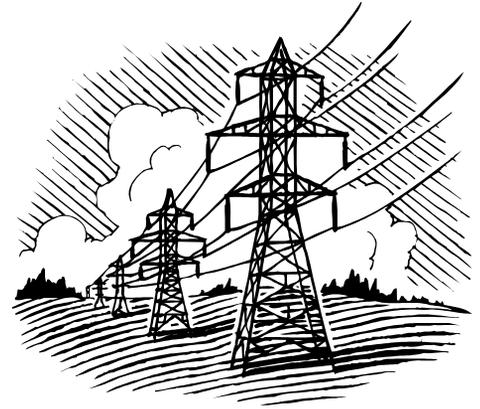
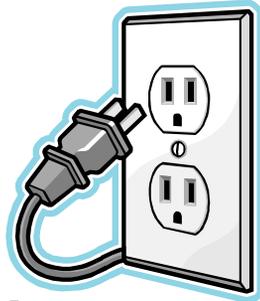


PDCA (plan-do-check-act) is a four-step problem-solving process typically used in [business process improvement](#). It is also known as the [Deming](#) cycle, [Shewhart](#) cycle, Deming wheel, or plan-do-study-act cycle.

Big Picture Goals: EMS at RRC



Energy Management
(reduce by 3% annually)



Water Conservation
(reduce by 2% annually)



Green Purchasing
(EPEAT, Energy Star, Bio-based, recycled content and environmentally preferable)



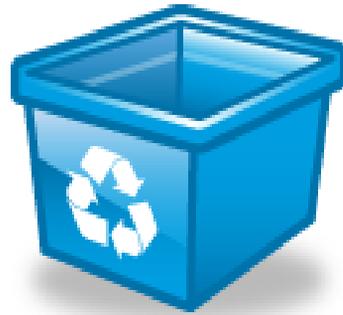
Big Picture Goals: EMS at RRC



**Pollution Prevention
and Management of
Toxic and Hazardous
Materials**



**Solid Waste Diversion
and Recycling**



Electronic Stewardship



Fleet/transportation
(reduce petroleum based fuel 2% annually)



EMS Benefits:

- Reduce operating costs



- Integrate environmental programs



- Increase employee involvement

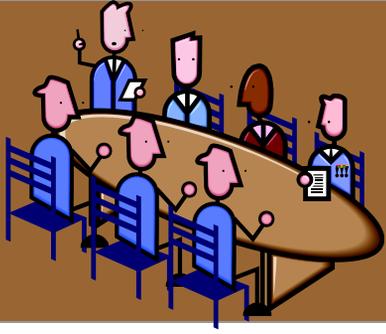


- Reduce environmental impacts



- Helps maintain compliance





At the RRC:

You have an EMS Coordinator and Committee responsible for being the “watchdogs” on environmental aspects that impact your work place.



The EMS Committee is committed to involving you!



EMS makes a difference:

We are working as a team to maintain a forward thinking recycling program at our facility thereby allowing us to scale up our recycling efforts and reduce garbage waste in our building.



We want you to get excited and have a desire to participate in our green activities so that we can make a difference and effect our communities in a positive manner.





For taking time to update your knowledge on EMS and how EMS functions here at RRC.



We hope you will continue to ask questions and be a good steward of the environment, not only for your sake, but also for the sake of Mother Earth.

Time to test your knowledge.



EMS Quiz



Test Your Knowledge

There are five questions to the
EMS Quiz

You need a score of 80% to
pass!

1. To begin the exam, close the Adobe PDF and click the “Return to Content Structure” button.
2. Click the link to begin the Exam:
Environmental Management Systems
Annual Refresher.