



STUDENT ACTIVATION

Reliability and Maintenance Leader

CHS is the largest cooperative in the United States and one of the biggest names in **agronomy**, energy, and grain processing. CHS **reliability and maintenance leaders** build a safe and productive culture, and keep site maintenance organized and effective. They help keep operations running smoothly to ensure that schedules and deadlines are met.

AGRONOMY: The science behind soil management and crop production.

RELIABILITY AND MAINTENANCE LEADER¹

Reliability and maintenance leaders utilize preventive and predictive maintenance to eliminate or minimize defects in processes or equipment that might cause a failure or an unsafe situation. They help both people and machines work better. They oversee repairs so they are completed as quickly as possible, with both safety and quality in mind. These leaders also get involved in analysis of past issues with the goal of creating long-term solutions.

IS RELIABILITY AND MAINTENANCE LEADER A GOOD CAREER FOR ME?

Me	Reliability and Maintenance Leader
I am generally safe and rarely take unnecessary risks or engage in dangerous behavior.	Reliability and maintenance leaders are concerned with safety.
I have a curious mind. I like to predict and solve big problems. I am “quick on my feet.”	Reliability and maintenance leaders are skilled at solving problems quickly and finding solutions to sudden problems. They also concern themselves with constructing long-term solutions rather than quick fixes.
I am organized and perceptive.	Reliability and maintenance leaders are attentive and pay attention to small details.
I am interested in working with my hands or entering the trades.	Reliability and maintenance leaders study various forms of engineering. They have experience in manufacturing and working with machines.

¹ <https://reliabilityweb.com/en/articles/maintenance-hero>

How does this career help me?	How does this career help the world?
<p>Every time your family buys or consumes something produced by a member of CHS, they benefit from the work of a CHS reliability and maintenance leader. These professionals help both people and machines work better and safer, so products can be efficiently delivered to customers.</p>	<p>Reliability and maintenance leaders help make sure that America continues to have the safest and freshest food supply in the world. Their quick thinking, commitment to safety, and responsible problem-solving skills keep America's agriculture businesses healthy and working efficiently!</p>
What are some similar careers?	
<p>Reliability engineers evaluate problems and failures, review designs with other engineers, and give recommendations on how to make things more reliable.</p> <p>Operations managers design and control production processes to create more efficient businesses.</p>	

Here are ways to practice the skills to be a successful **reliability and maintenance leader**:

- Work with your guidance counselor to take as many engineering-based classes as possible. Introductory engineering courses might also be available at your local community college.
- Work with and repair complex machines. Practice being exact, solving problems, and paying attention to small details. Consider applying for an internship with a manufacturing company.
- Volunteer to lead a school, church, or community function. Practice being friendly when delegating tasks, concern yourself with everyone's safety and well-being, and work on solving any problems that arise efficiently and with the longterm in mind.
- Seek out a job shadow or summer internship working with an agriculture company. An internship can be a great way to see if your interests align with the job responsibilities and get a feel for a work environment.