

# TEACH THEM WHY

So They Understand How

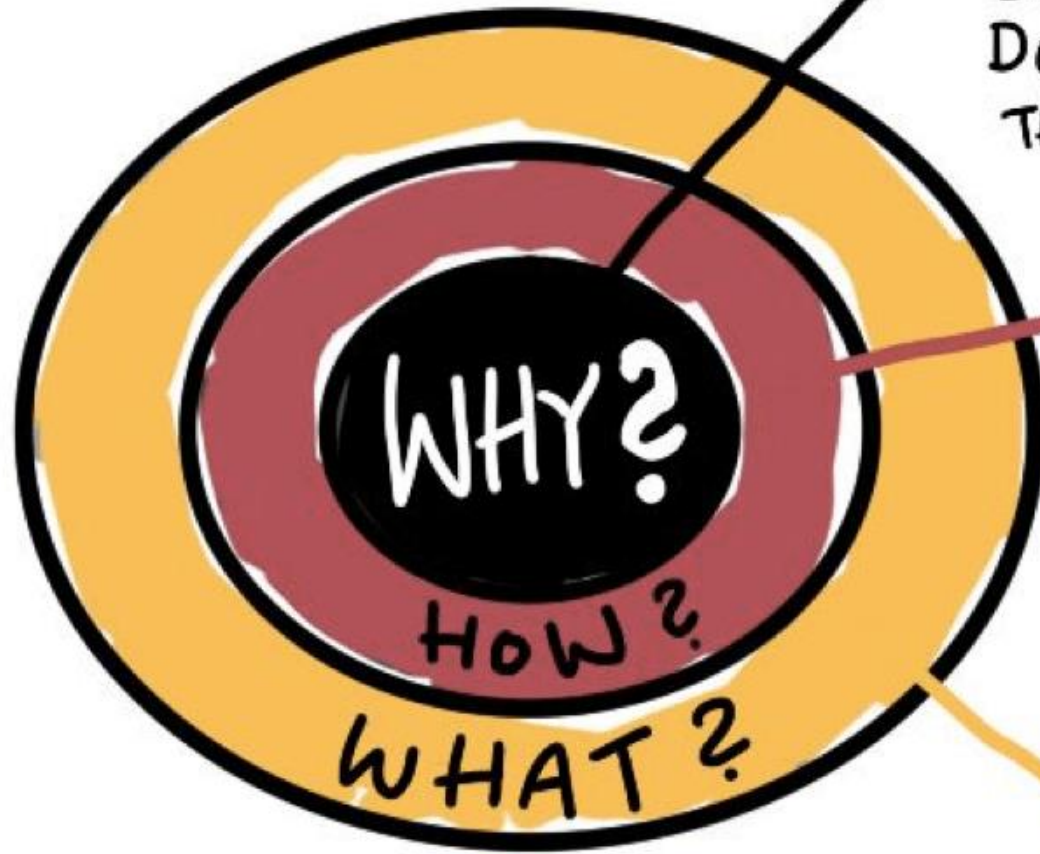


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Brandon Wylie – Vice President of Apprenticeships



# GOLDEN CIRCLE



WHY DO YOU DO WHAT YOU DO? WHAT'S THE PURPOSE?

HOW DO YOU DO WHAT YOU DO?

WHAT THE HELL DO YOU DO?

IDEA: SIMON SINEK



I believe linework can be done  
safely and efficiently by  
utilizing proper training and following  
basic safety rules.



# Ryan Evans, aka Dirty

Why did he take his gloves off?





# Ryan Evans, aka Dirty

Why did he take his gloves off?

Because he was trained that way at home



# THE POWER OF A SIMPLE QUESTION

Why aren't you wearing rubber gloves?

- “Leather is insulated to 600 v as they are dry and don't have can wear leather gloves on ho

Why did he tell me that?



Those who can't or won't  
become trainers or safety men  
What's your crew's perception of  
trainers and safety professionals?



# TRAINING STYLE

The “Do it because I said so” training style.

You put grounds on each side of the work zone and

**KNOWLEDGE IS ONLY USEFUL**

**NO.**

**WITH UNDERSTANDING**

You have to be in an equipotential zone before you can take your gloves off.....





# WHY?

**An apprentice attends training and learns the correct way to do \_\_\_\_\_. When he/she returns to the crew, they're told that training is useless. That's not how I was trained 30 years ago.**



# WHY??

SAFETY

TRAINING

CREWS



# WHY??



17TH EDITION

# SAFETY MANUAL

PROMOTING A SAFE AND INJURY-FREE  
WORK ENVIRONMENT FOR PUBLIC POWER

AMERICAN  
**PUBLIC  
POWER**  
ASSOCIATION  
Powering Strong Communities





# 503.12 AERIAL DEVICES

- c) Boom tip jibs shall be considered non-insulated unless the jib has been rated, tested, and maintained for the appropriate line voltage.
- d) The winch line of a material handling aerial lift device shall not be considered as insulated.
- e) Employees shall not energize the boom tip of an aerial lift device by placing energized conductors directly on the material handling jib and/or winch line. If an employee is going to move, lift, or support an energized conductor using a material handler jib and/or winch line, a live-line tool that is rated, tested, and maintained for the appropriate line voltage shall be used to prevent energization of the boom tip. Refer to ANSI A92.2-2021:10.13 Electrical Hazard.



THAT'S NOT ALL



# 503.12 AERIAL DEVICES

- h) Employees shall not apply mechanical side loads to the jib, platform, or boom at any time. The material handling system shall be used for vertical lifting only.
- i) The sagging of conductors shall not be allowed using the jib and/or winch line unless proper rigging is used to eliminate side load.
- j) The jib, platform, and boom of an aerial lift device shall not be used to pull or push lines, conductors, poles, or any other objects attached to the ground or structures, which will cause the jib, winch line, or platform to create side loads.
- k) Aerial lift device platforms and booms shall not be used to support or relocate conductors.



**BUT WAIT... THERE'S MORE!**

**COVER UP**

**EPZ GROUNDING**

**ISOLATION (URD)**





# WHY??

SAFETY ■ TRAINING

CREWS



**STOP!! THAT'S NOT SAFE!**

**WHY will people do overtly  
unsafe acts?**



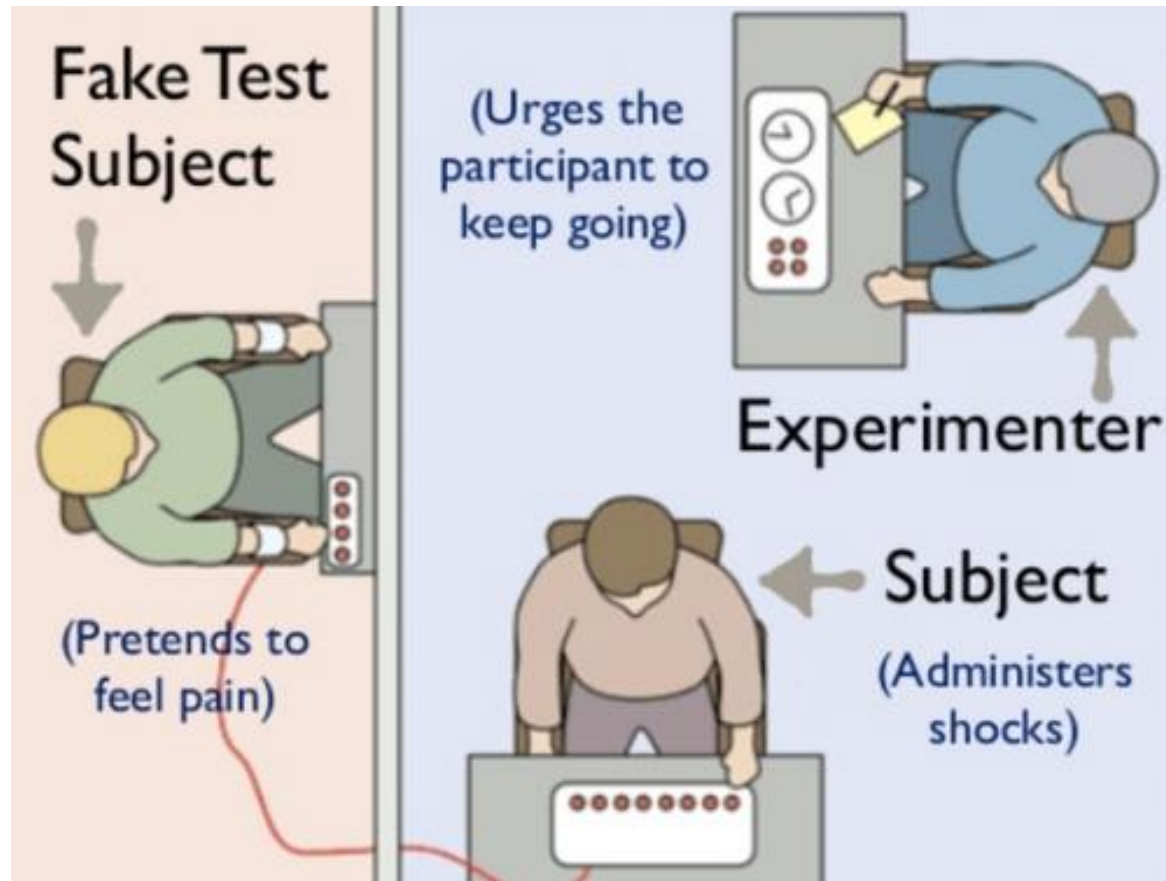
# WHAT WOULD YOU DO?





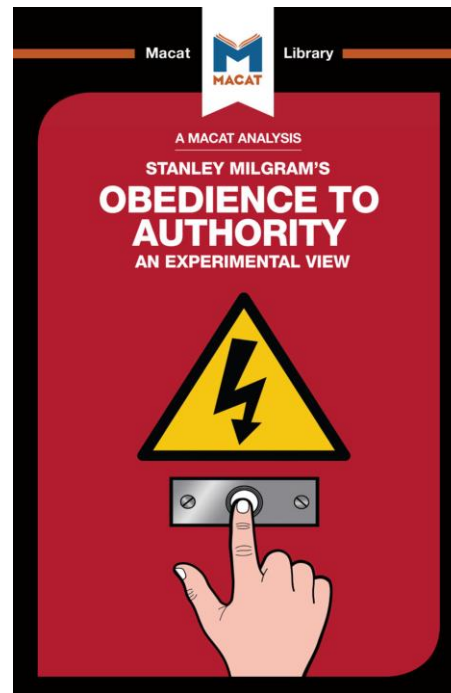


# THE MILGRAM EXPERIMENT



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- No teacher stopped before 300 volts
- 65% of teachers gave full level of shock (original experiment)



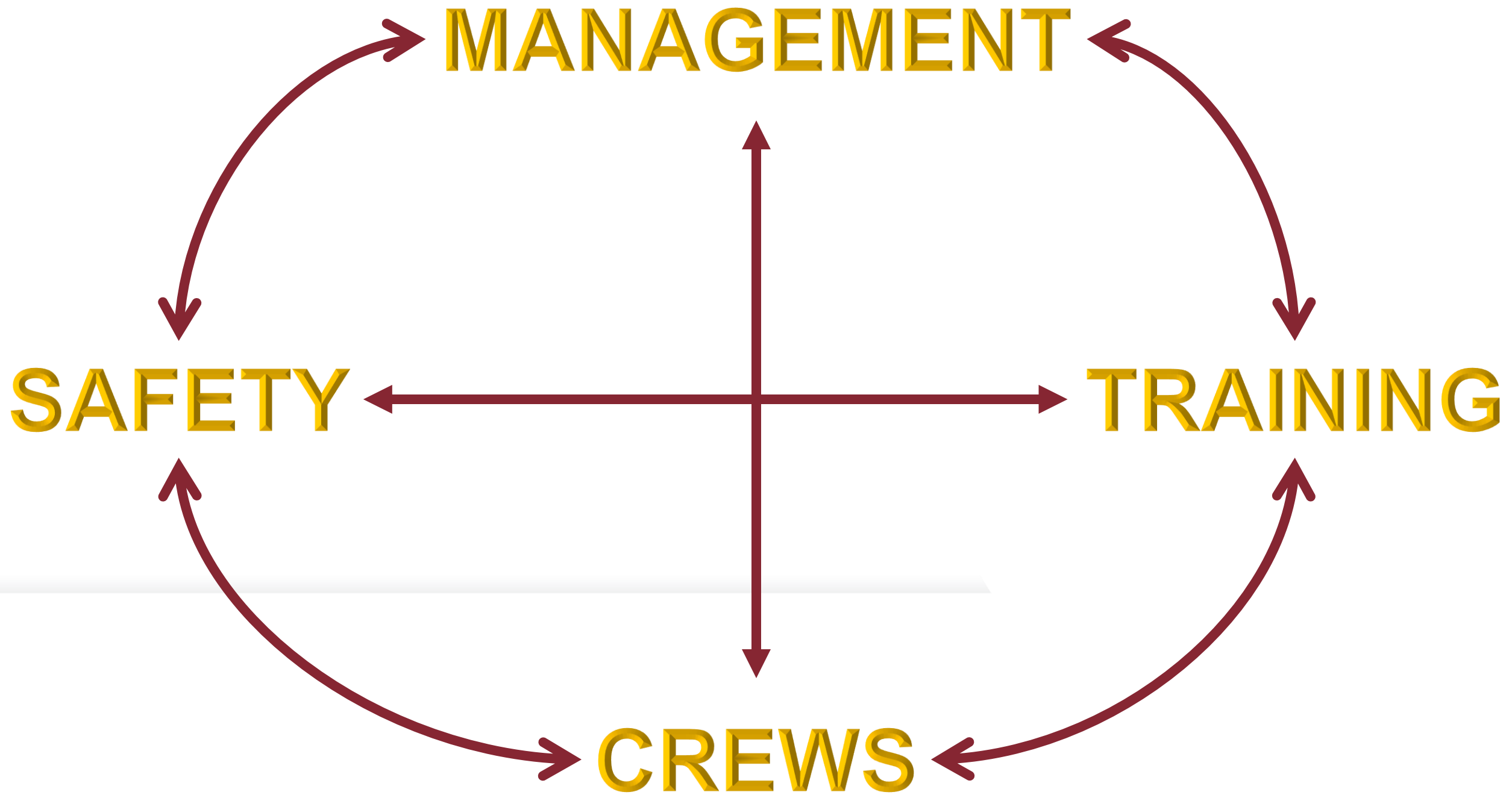
# What Would You Do?

**YOUR SILENCE  
GIVES CONSENT**

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*T*ell me and I forget  
*T*each me and I remember  
*I*nvolve me and I learn.

*Benjamin Franklin*





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