



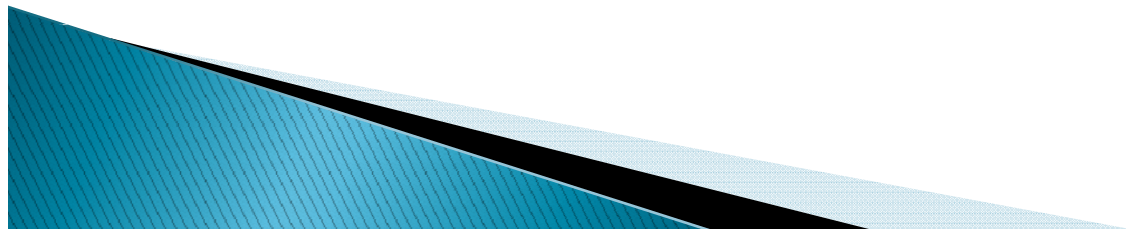
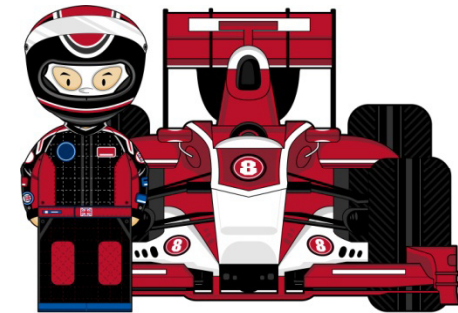
# Getting Operator Equipment Care to Work

Scott Donelly – Sugar Australia (Glebe NSW)  
Vince Agostino – CTPM Australasia

# So what are we striving for?

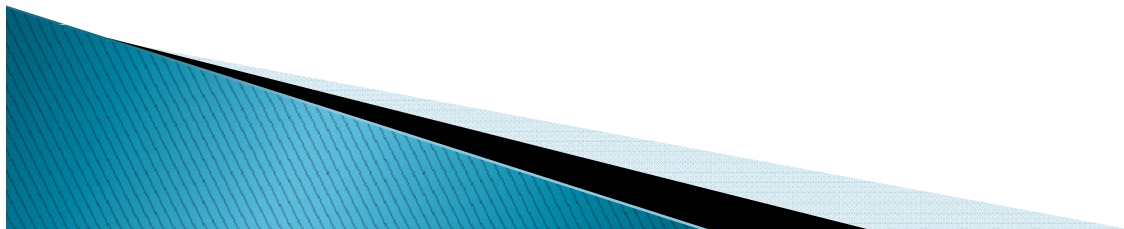
Operators that are like a **Formula 1** driver:

- Understand the functioning of their equipment
- Are excellent operators
- Can diagnose problems
- Have a highly skilled and motivated support crew(their maintenance support)



# So what are we striving for?

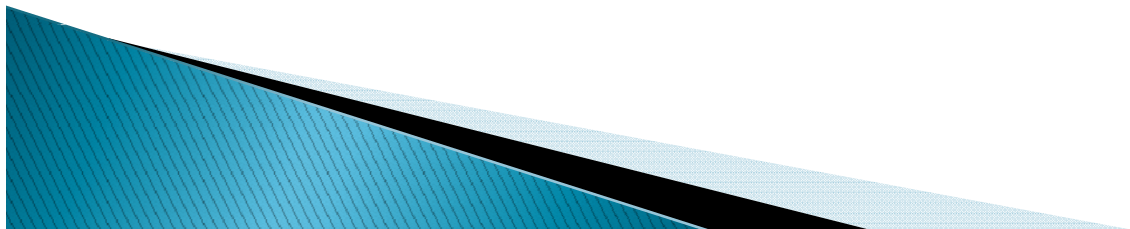
- ▶ **Zero Breakdowns**
- ▶ **Zero Accidents**
- ▶ **Zero Quality Problems**



# A key concept we need to embrace

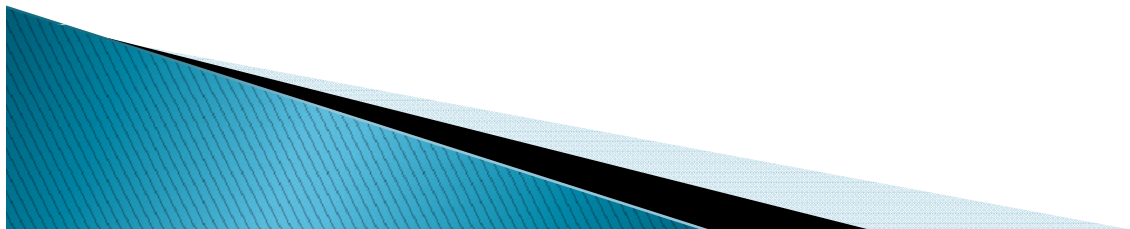
## **“Prevention at Source” skills:**

*“addressing equipment problems at the source and at the earliest possible time”*



# The key challenges we need to address

- ▶ Train the operators to know what to look for
- ▶ Change the equipment so it is easy for operators to find problems
- ▶ Create a maintenance support capability that can respond to small problems and issues identified by operators





# Ensure clear understanding of:

- ▶ Cleaning for Inspection
- ▶ Identifying Equipment Defects – looseness, contamination & lack of lubrication.



# How well did we do?





# Cover needed to be removed!

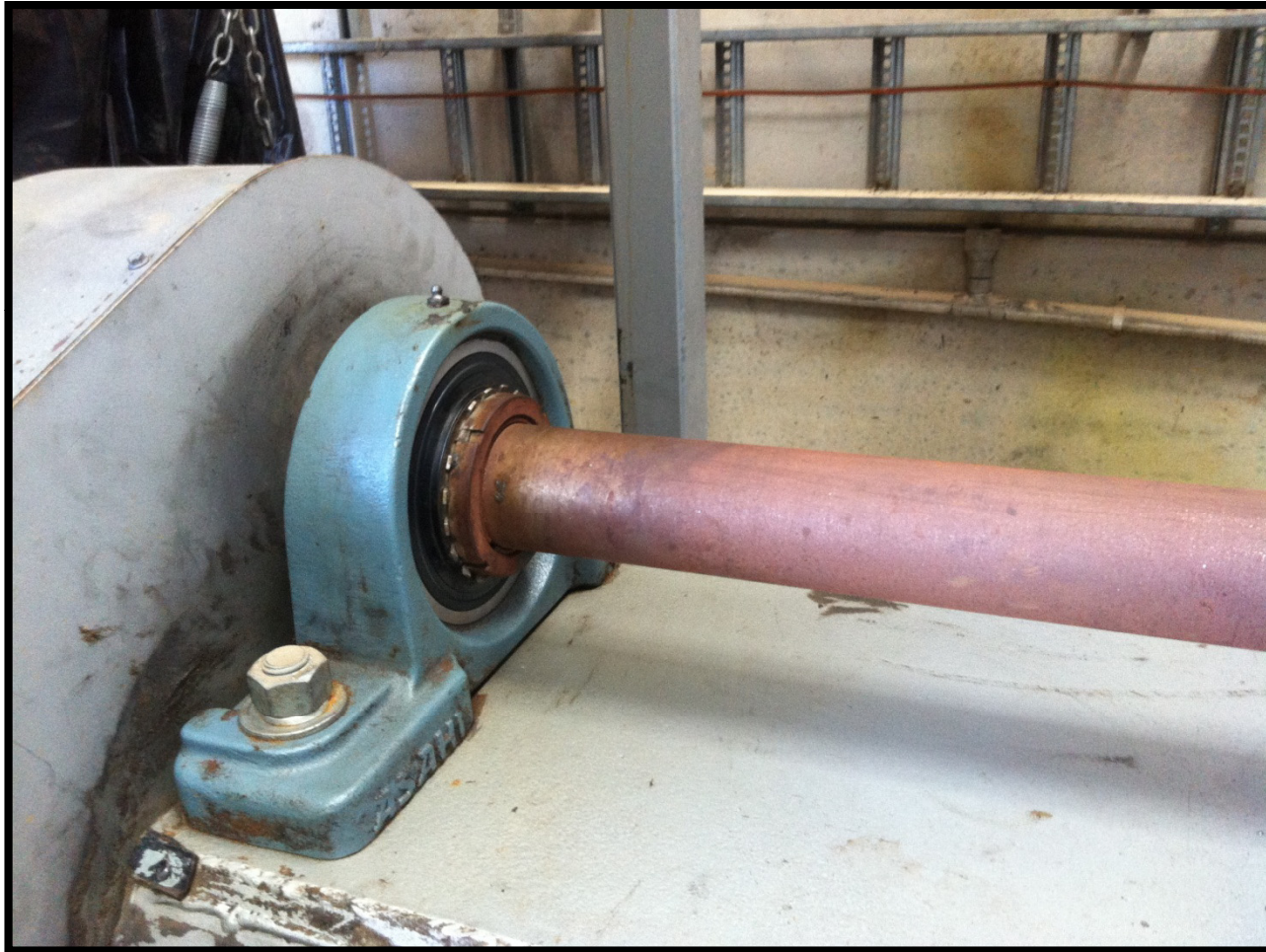




# Now we have easier access


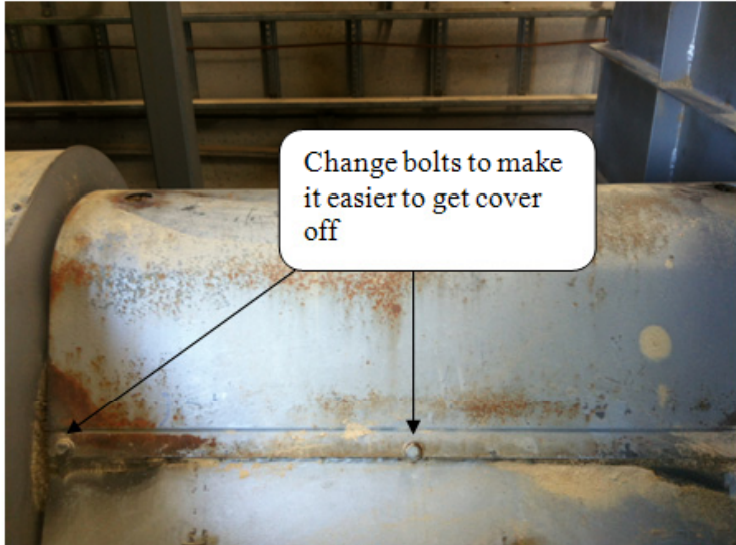


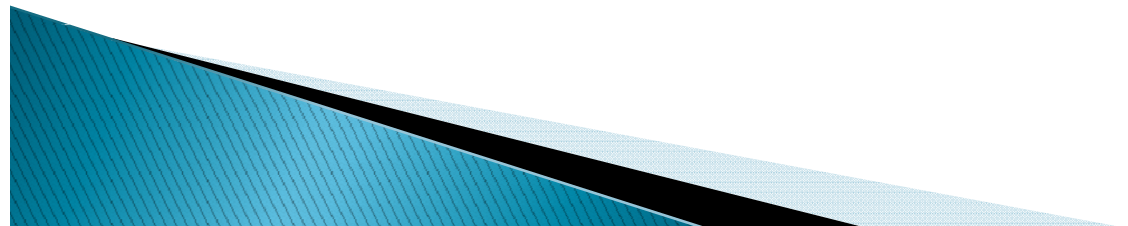
# That's what we're talking about!





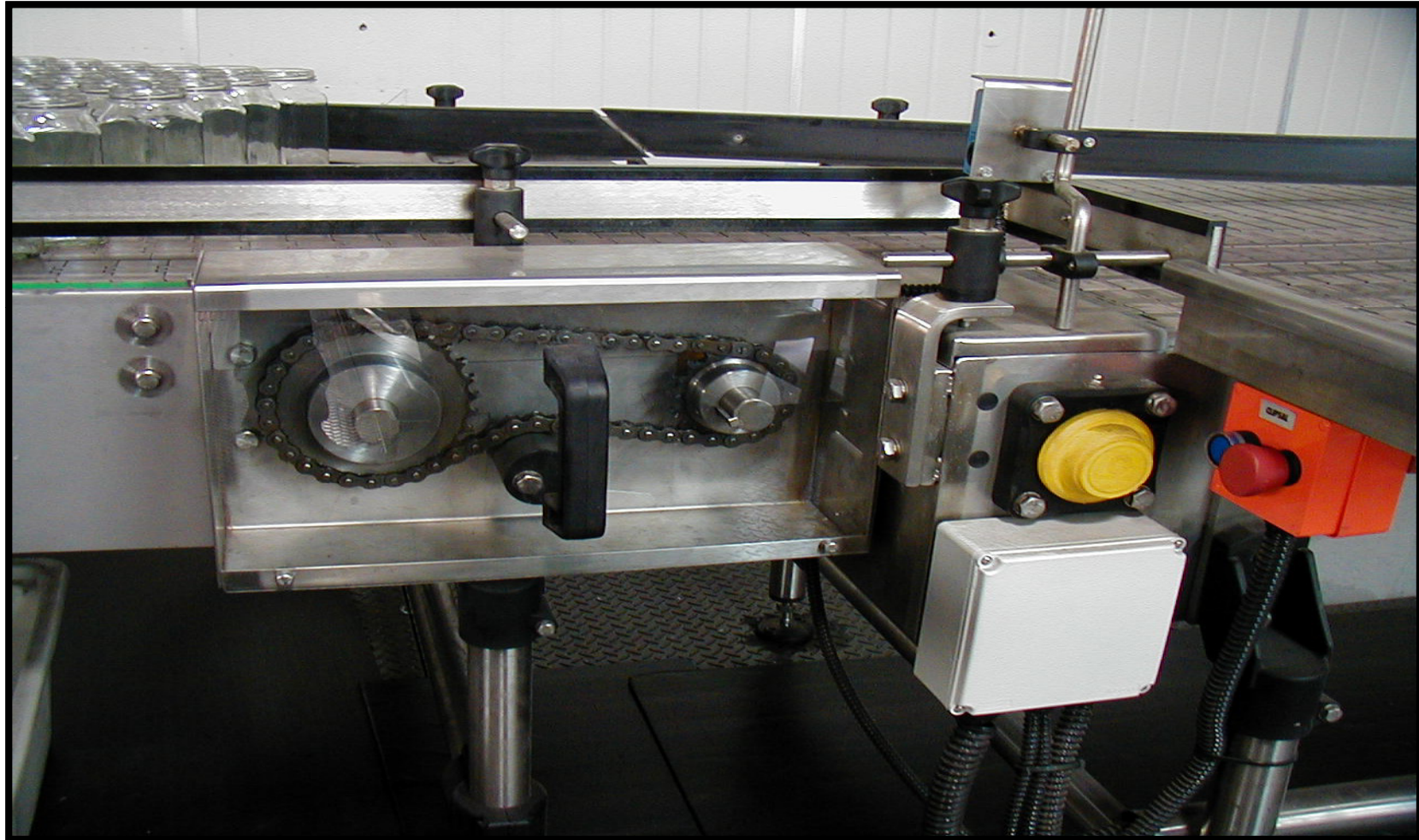
# TPM<sup>3</sup> Improvement Sheet

<b>Team Name:</b>	The BIRDS	<b>Location:</b>	Compressor Room	<b>Initiated Date:</b>	4/6/12
<b>Team Type:</b>	OEM-1	<b>Item:</b>	Drive Shaft on Dust Collector	<b>Completed Date:</b>	
<b>Initiator:</b>					
<b>1. Problem (Plan)</b>					
Difficult to get cover off to inspect shaft					
<b>2. Current Situation (Plan)</b>			<b>3. Proposed Change / Approved Improvement (Do)</b>		
<b>Photo:</b> 					
<b>Improvement Target:</b>		<b>Cost:</b>		<b>Expected Saving:</b>	
<b>4. Results: (Check)</b>			<b>5. Future Actions: (Act)</b>		

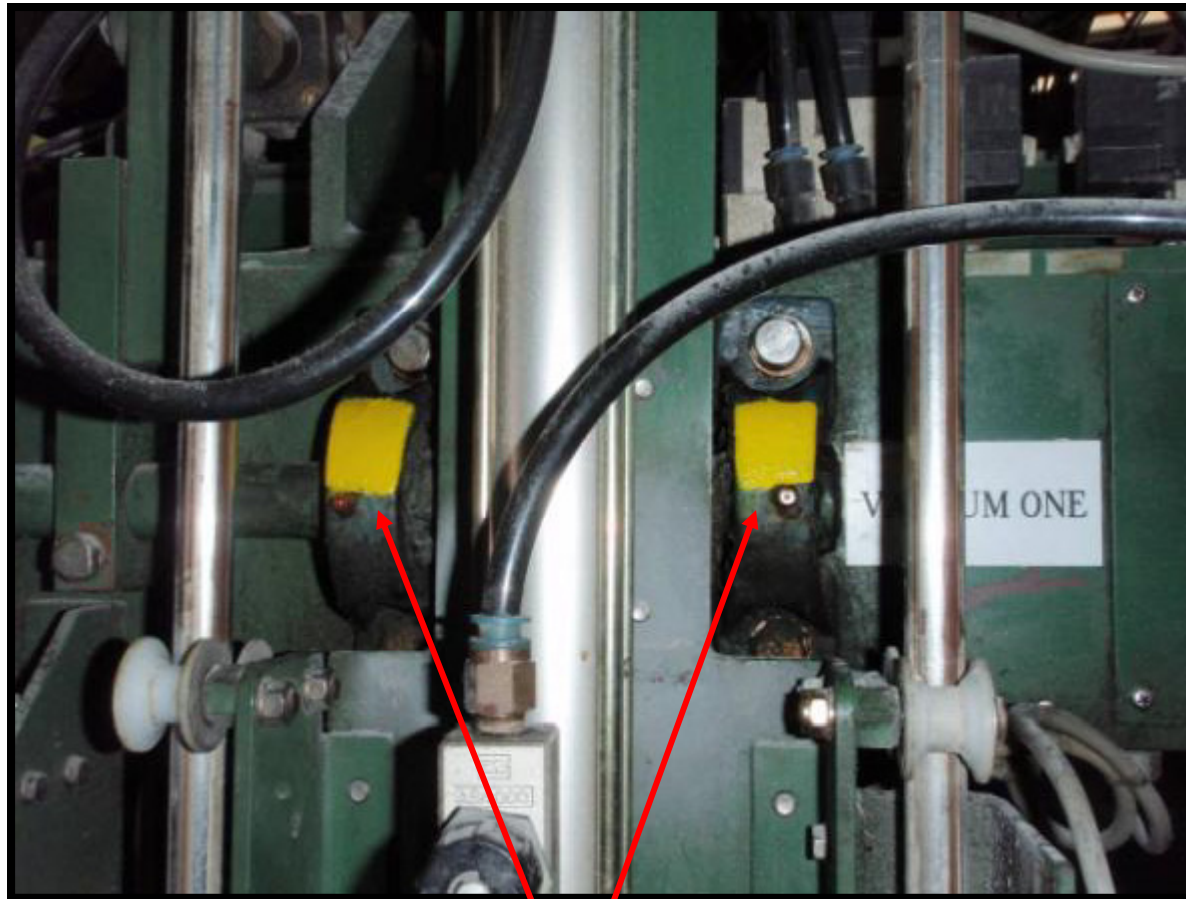




# Easier to inspect



# Easier to Locate



**Visual Marking**



# Glebe's Industrial Packing Line





# Glebe's Industrial Packing Line



# Glebe's Retail Packing Line



# Packing Plant Palletiser





# Getting it to work at Sugar Australia Glebe Island

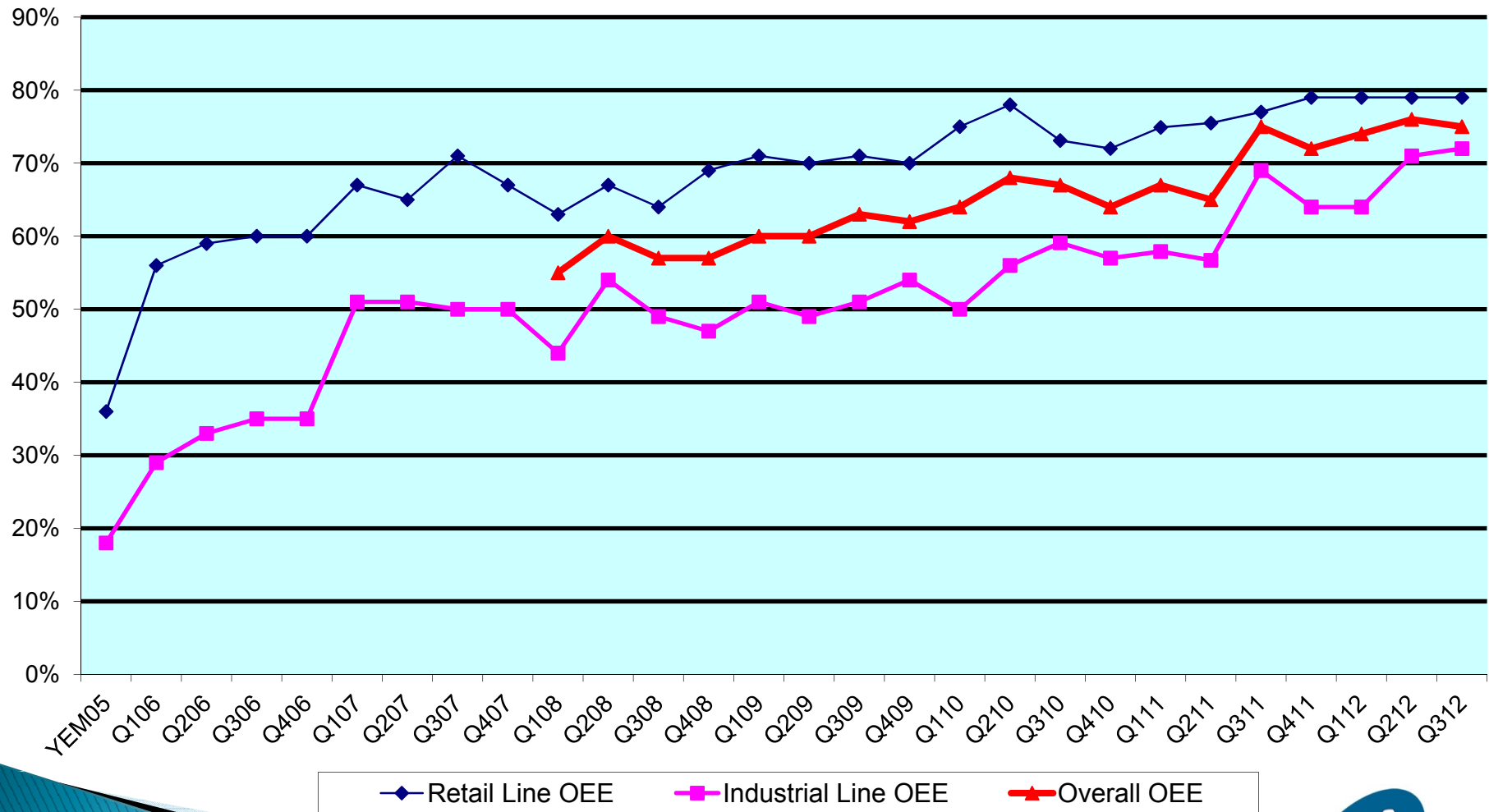


# Getting it to work at Sugar Australia Glebe Island

- ▶ Issues the Reliability Team faced
- ▶ Development of maintenance support capability for the site
- ▶ On-going support for the operators
- ▶ Changes made to reduce the impact on the Reliability Team

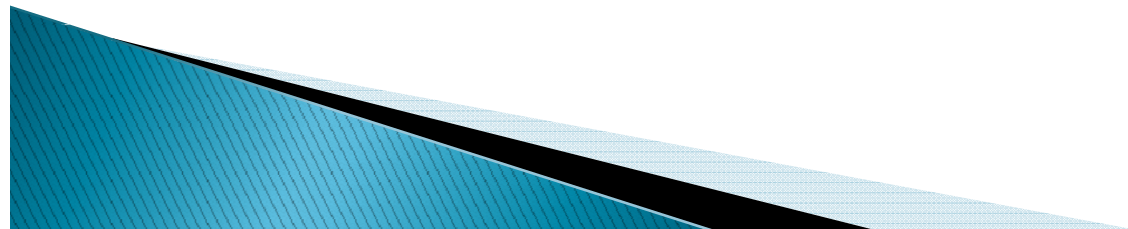
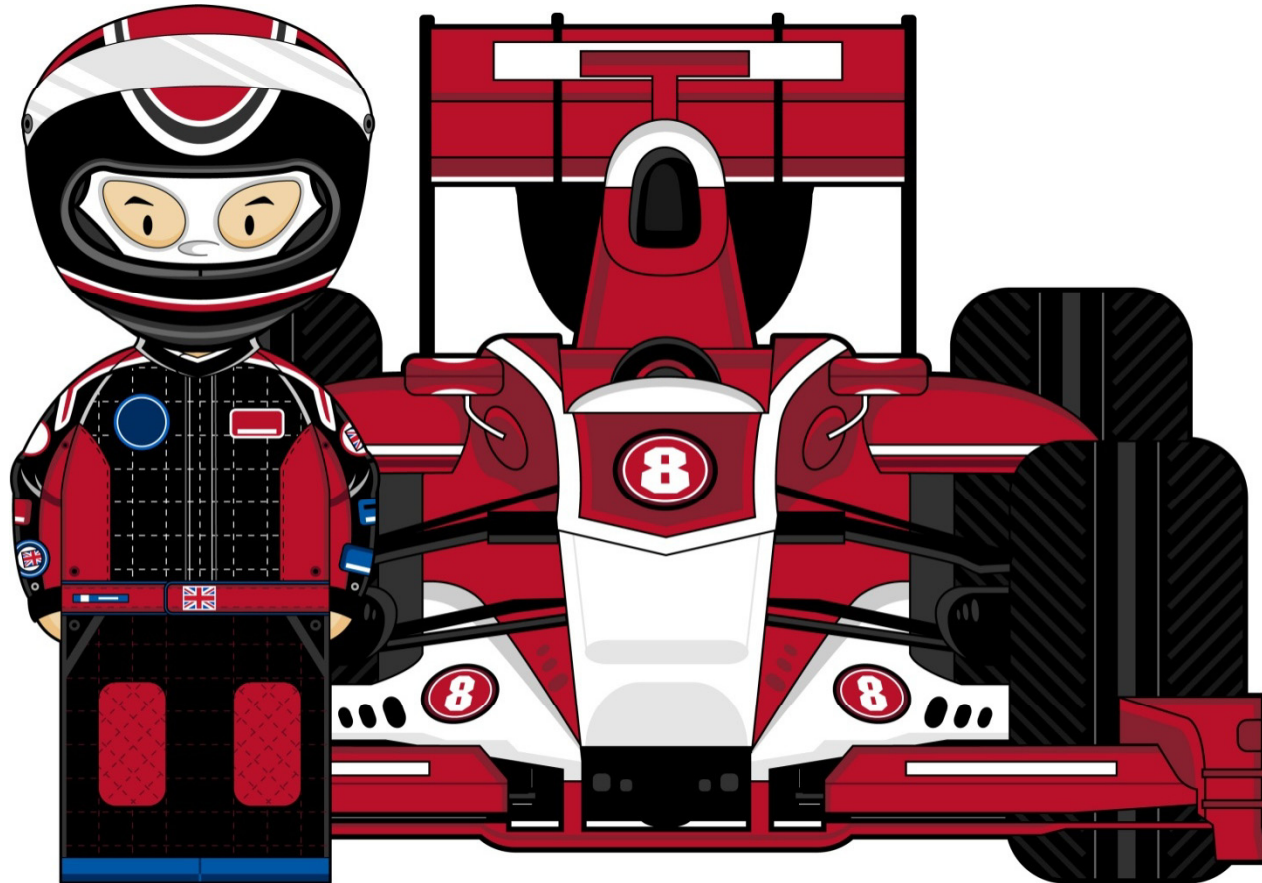


# OEE since TPM<sup>3</sup> began at Sugar Australia Glebe Island





# World Class Champion Teams





# Thank you

## Any Questions?