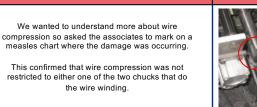
PROJECT TITLE: TL2 Phase 2 - "He shoots, he cores"



7) SUMMARY OF KEY COUNTERMEASURES



(1) Chucks dropping wi

on lifter

(2) Chucks magnetised holding wire

(3) Chucks set-up

incorrectly

(4) Core dimensions out

of spec



Demagnetised chucks (Zinc coated) were fitted at a cost of £40. Wire now being released into the chute at the right time NOT onto the lifter

FLOW-OUT PREVENTION It was discovered that the conveyor belt count had been set at 12 = a possible 96 defective cores on a full conveyor. This original setting had never been challenged. It was reset to 4 on 20th Aug = 28 cores maximum on the conveyor.



8) RESULTS & FINANCIAL BENEFITS

Chart on the section showing daily Wire Compression defects (updated every shift)



BEFORE 84 Wire compression defects in 12 days

AFTER 3 Wire Compression defects in 12 days

= 97% reduction

1) Most can be reworked = 5 mins each Before rate = 7 per day = 1680 cores per year After rate = 0.25 per day = 60 cores per year

Difference = 1620 less @ 5 mins

= £1755 / year

2) Short stops to clear machine reduced by 90% = 20 mins per week

9) CONFIRMATION – MAKING SURE THAT C / MEASURES ARE STANDARDISED + HOW WE CONFIRM REGULARLY

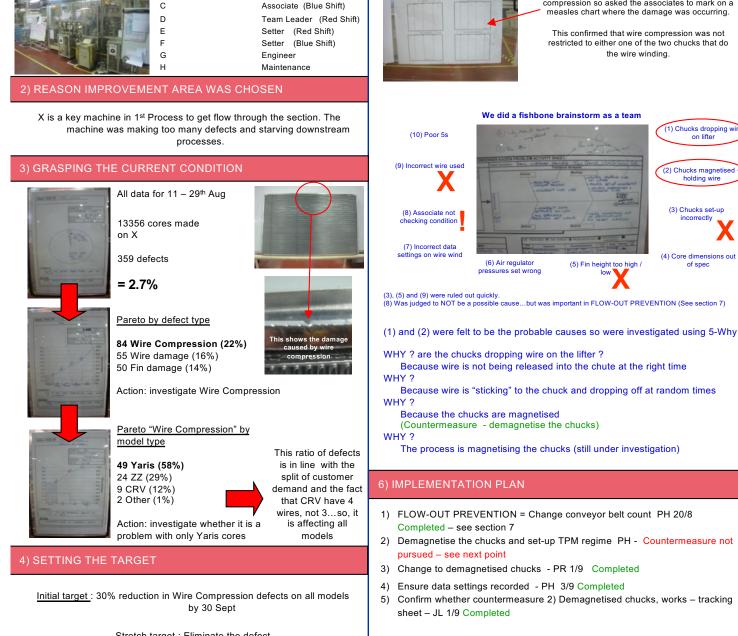
- 1. The problem has nearly been eliminated with a permanent countermeasure. Ensure that spec is changed for maintenance spares.
- 2. The 3% remaining means that we have to go back to our fishbone and think again (New idea = possible chuck condition over time ? TPM ?)
- 3. Continue Data Analysis to monitor and maintain improvement
- 4. Yokoten to other similar machines

10) REFLECTION - KEY LEARNING POINTS

1. Using a team from both shifts (and maintenance and engineering) really helped understanding of the problem and generated a good fishbone to solve our pain.



2. Data analysis and the pareto / measles chart really focused us on a specific problem that we could investigate, countermeasure and prevent recurrence.



Team Leader (Blue Shift)

Setter (Blue Shift)

Stretch target : Eliminate the defect

1) PEOPLE INVOLVED & THEIR DEPARTMENTS

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5) INVESTIGATION & IMPROVEMENT ACTIVITIES