

SAFETY ALERT



AUSTRALIAN STEEL INSTITUTE
SAFETY GROUP

"Sharing incident learnings amongst ASI member companies"

"A vision of a safer steel industry"

Number: SA0011
Subject: Coil Stack Integrity Failure
Date: November 2005

Incident:

- Warehouse Operator was lifting coil using a c-hook attachment on a crane, when the adjacent coil starting sliding across the floor due to the weight force of a coil on top of it. The coil fell to ground thus breaking the strapping and clock-springing the outer wraps.(Refer diagrams & photos)

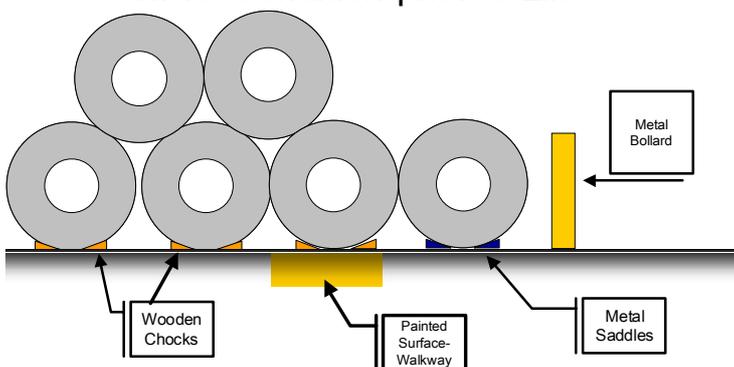
Key Lessons:

- This incident highlights the importance of ensuring surfaces are suitable for storage and handling of coils that are stacked two high.

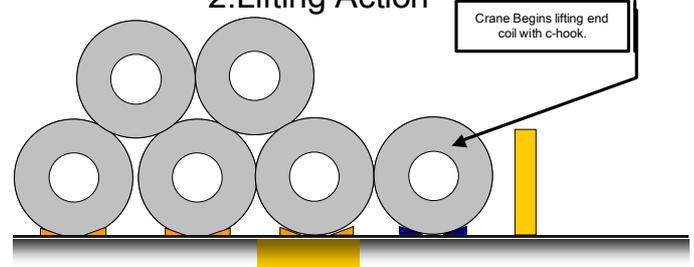
Recommendations:

- All Coils to be removed from painted areas
- All operators and supervisors to be aware of dangers of placing coils on new areas of warehouse, without conducting a risk assessment first.
- Operators to be put through a training package on coefficient friction requirements for coil stacking.

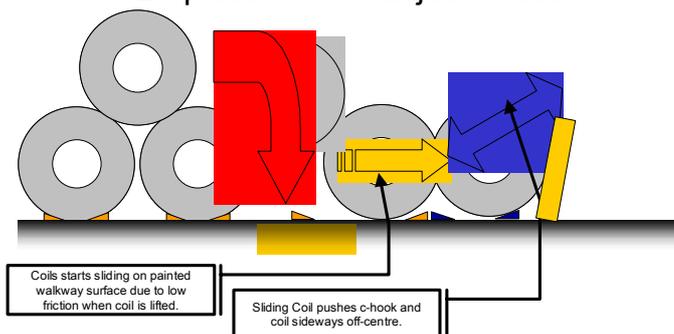
1.Pre-Condition-prior to Lift



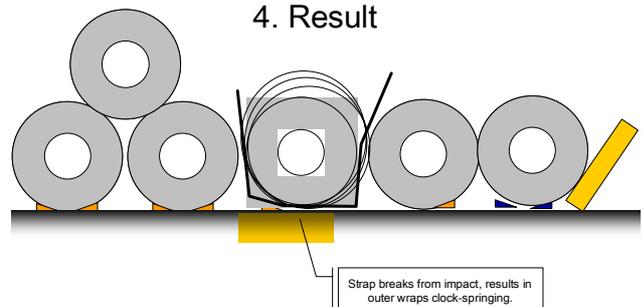
2.Lifting Action



3. Displacement of adjacent coil



4. Result



For further information please contact **Ian Cairns** – National Safety Group Co-ordinator:
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