



No Injuries

AMCOR FIBRE PACKAGING

Amcor Spearwood

- Paper Mill, 55 thousand tonne per year of packaging papers
- Box Plant- 40 million square metres per year
- Recycles- 60 thousand tonne of fibre per year
- 200 employees

SPEARWOOD - FACT SHEET

- The only integrated site featuring Recycled Fibre Plant, Paper Machine & Corrugated Box Plant in the AMCOR Packaging Group.
- The only Paper Mill in WA
- Feed Stock is 100% Waste Paper
- Fourdrinier / Inverform Paper Machine (Beloit / Walmsleys).
- Started up June 1966 at Phoenix Road, Bibra Lake, Perth, Western Australia.
- Mitsubishi Corrugator & converting plant installed 1993.

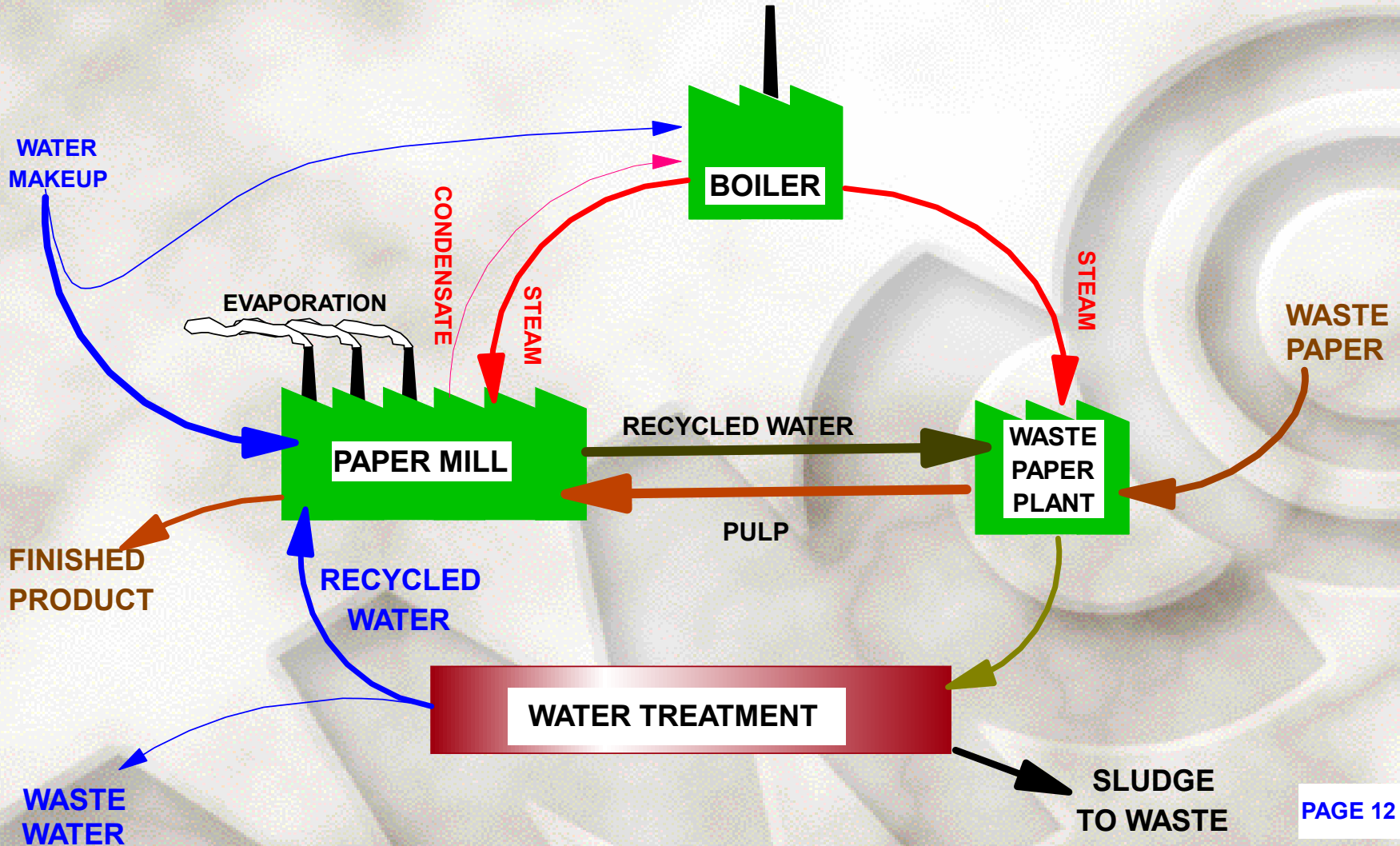


Raw Material (recycled fibre) **AMCOR** PACKAGING

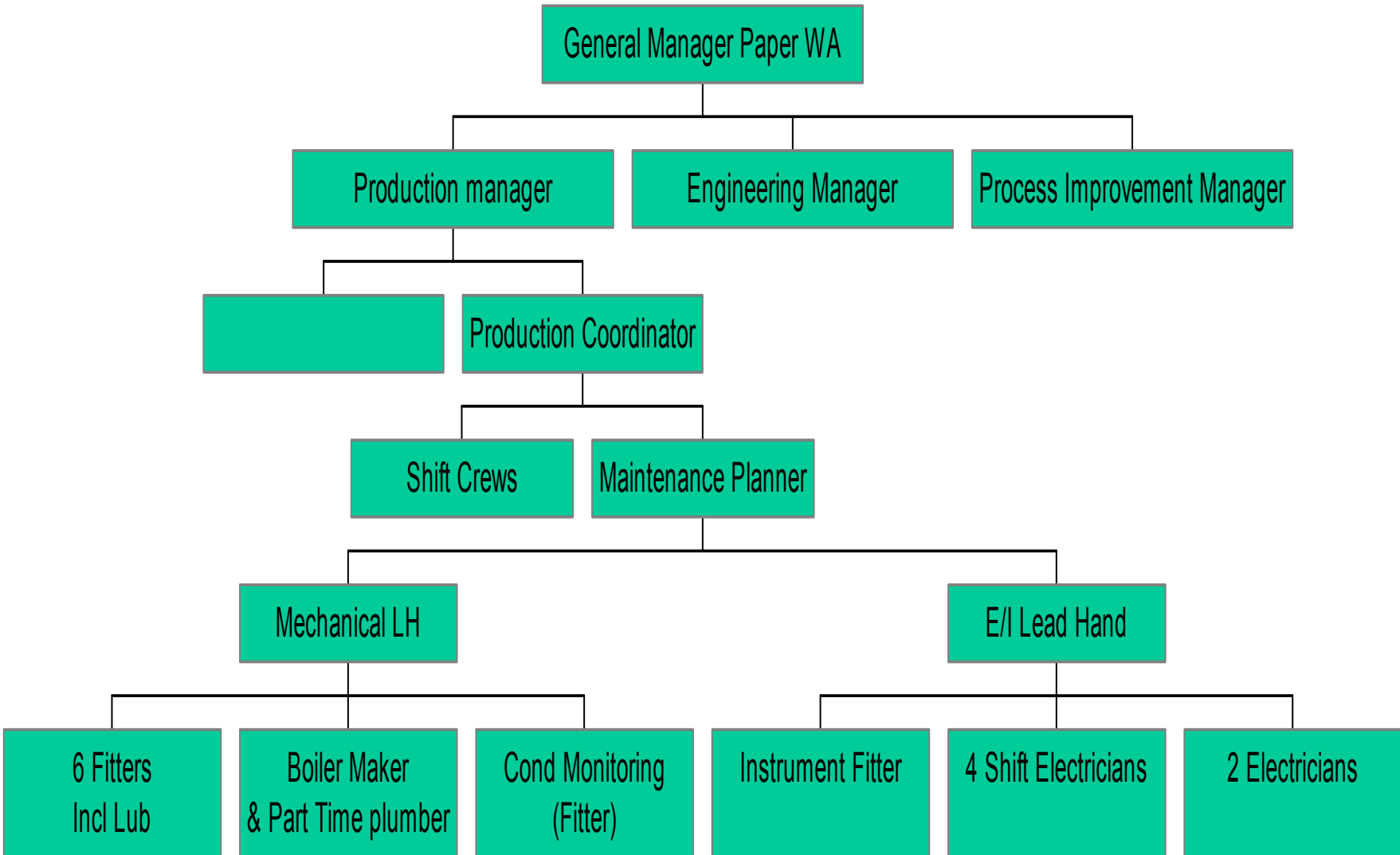
Paper Making Process



RECYCLED PAPER MILL WATER CIRCUIT



Amcor Spearwood



MAINTENANCE

- 15% of overall costs
- 20% of labour workforce
- Tradesmen are Amcor Employees
- Four shift tradesmen
- Remainder dayworkers 35 hour week
- Enterprise Agreement
- Access to Paper Machine; Two (2) shuts per month
- Use of contractors

RECENT INFLUENCES ON MAINTENANCE

- Pressure on costs
- Benchmark against competitors and peers
- Safety procedures & Guarding
- Maintenance Supports the Business Plan (One Page Plan)
- Focus on criticality, reliability and planned maintenance
- Very high proportion of project/new work
- Ageing Plant
- Change in Organisation Structure to integrate with Production

How Do we integrate with Production?

- Annual and Monthly Budget & Performance Responsibility with Engineering Manager
- Maintenance planner reports directly to Production Coordinator
- Weekly and Daily work planned with Production priorities
- Weekly review & planning meeting with planner and Production Coordinator.
- Planner sets Week schedule for all Tradesmen
- Daily meeting to address urgent requirements review work requests & Clarify the Days work

How Do we integrate with Production?

- Fortnightly Shut Planning meetings to establish critical path work and prioritise large jobs.
- Maintenance KPI's linked to Production Performance and on display for all to See.
 - Maint Cost against Budget
 - Time Efficiency (Machine Availability)
 - Safety injuries
 - Mean Time between failure (Paper Machine)
 - Unplanned Downtime (Hrs/Mth)

How Do we integrate with Production?

- All Production workers enter work requests directly, which are reviewed at the daily meeting between Maint and Prod.
- Lube Fitter and Condition Monitoring Fitter constantly moving around the Plant communicating with Operators.
- Maintenance Planner shares an office with the Production Day Coordinator
- A Fitter and E/I Tradesperson carry a radio for Operator needs. Ie isolations, adjustments, breakdowns. During daywork hours.

How Do we integrate with Production?

- Teams including operators and Tradespeople
 - RCA exercises on safety incidents and High Cost Breakdowns or operational problems
 - 6 Sigma teams for process improvement
- Social interaction
 - Golf Club
 - Footy Tipping
- Close proximity of all management, supervisors, operators and workshop

ACHIEVEMENTS

- Maint costs held at 2%/yr increase over last 6 years
- JSA's
- Plant Clearance Permit system
- Coordinated shut planning
- Weekly maintenance planning
- Improved communications
- Maintenance improvement plan
- 5S in Workshop and Spares storage areas



RECYCLED LNR 150 8648
150 2700-1395 2824
CS 7115 J7
701-30570-001A 08843
2822

The Spearwood Team