TRANSFIELD WORLEY SERVICES

WEA NZ CONFERENCE
Winery Maintenance – Best Practice

September 2008

TW Scope of Services

- Comprehensive range of practical engineering and business management services, which include:
  - asset, reliability and lifecycle engineering
  - maintenance and project services, and
  - integrated engineering services.

Background

- In late 2007, Craggy Range Winery wanted to formulate a more cost effective and reliable system for their winery maintenance prior to the 2008 vintage
- Best Practice for winery plant – not vineyard or winery waste
- Due to time limitations – concentrated on fruit receival assets only
- Complete asset check / basic audit

Maintenance Practise Function Audit
What Does It Do ?

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- Audit provides a snapshot of current performance

- Current performance is benchmarked against relevant industry “best practice”

- Includes a list of opportunities for improvement and recommended strategies to be adopted

- Allows the identification of areas where greatest attention is required

Audit Function Profile

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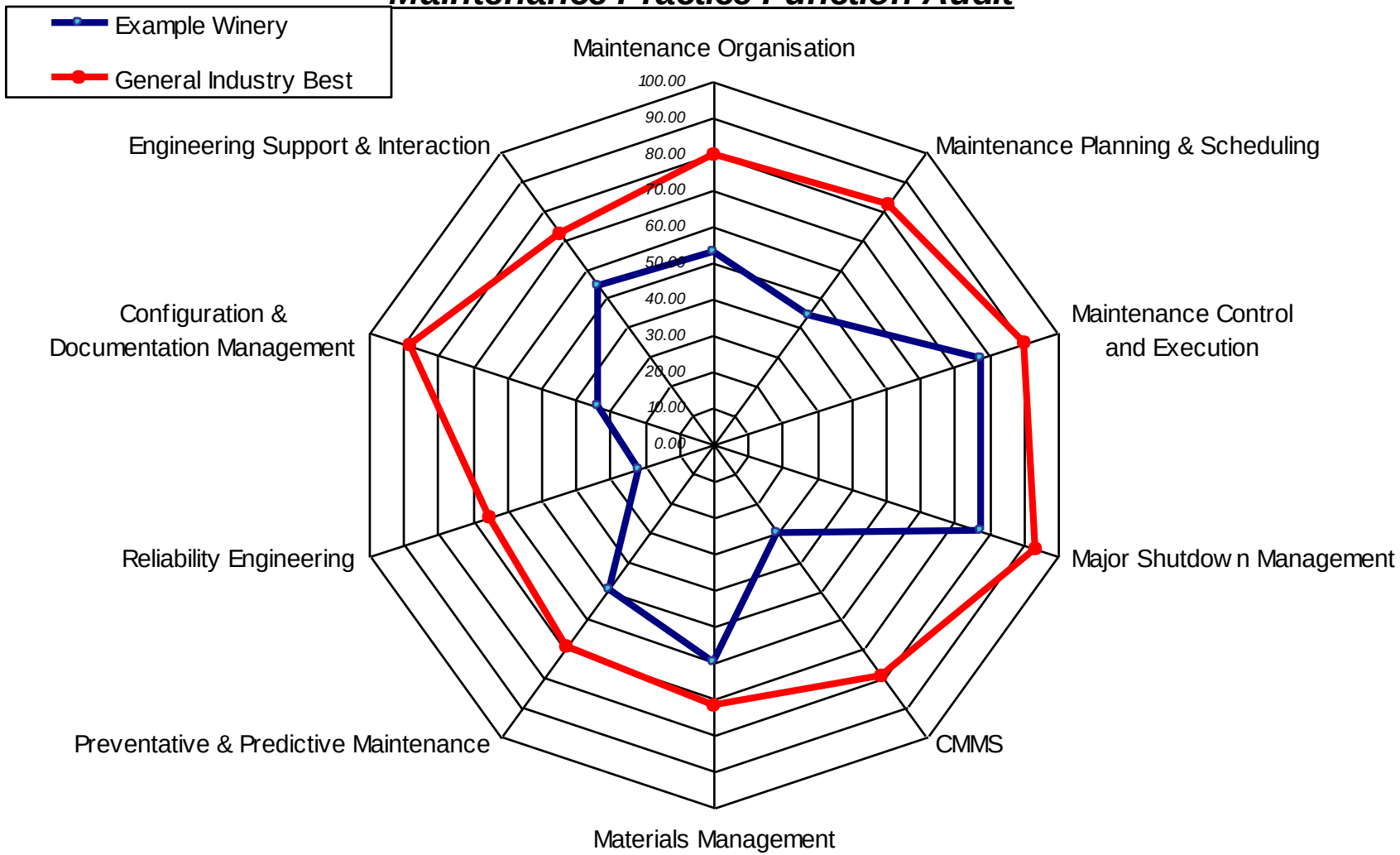

Why Have a Computerised Maintenance Management Programme (CMMS)?

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- Paperwork can become excessive
- Information can be lost
- Anyone can access the computer system
- All work is recorded
- Schedules for maintenance can be viewed well into the future
- Automation of repetitive/mundane tasks

CMMS Implementation

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- Document what you want to achieve - $ savings, spares holding
- Select an appropriate package (functionality v's complexity)
- Identify Critical Equipment and the cost of failure
- Enter your equipment into the CMMS
- Enter the preventive maintenance tasks for each piece of equipment
- Develop a "work order" format
- Hook in your sub contractors
- Train staff and start using the system

Implementation of a CMMS is all about planning and scheduling so you can complete an effective maintenance program during your off-season – ensuring you have maximum reliability when you need it.

Benefits of a CMMS System

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BEING

ONE STEP

AHEAD !

Where will the Advantages be ?

- Downtime of equipment
- Quick processing of grapes & truck turn around
- Running costs
- Harmony in the workplace
- Safety in the workplace
- Reduce damage
- Eliminate chaos

Pro-Active → **Reduce Losses**

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“This vintage was the first time we have experienced no dramas”

Rod Easthope

Craggy Range Winemaker

June 08