



AndPak Steam Traps

1. Company profile

AndPak (Aust) Pty Ltd is an expanded polystyrene foam manufacturing company, located at Irymple, Victoria, 5 km south of Mildura. AndPak initially catered for the fresh fruit and produce industries of the Sunraysia area. The business now offers a comprehensive range of products for the building, wine, toy and industrial packaging industries.

AndPak is currently involved in the Victorian Government's water management action plan (waterMAP) program. As part of the program users of > 10 ML of drinking water per year are required to:

- Assess their current water use
- Identify inefficiencies and opportunities for water savings
- Prepare an action plan to implement water conservation activities
- Annually report on implementation of water conservation activities

2. waterMAP assist

The Australian Industry Group (Ai Group) is committed to working with member companies to encourage continuous improvement, resource efficiency, use of recycled water where possible, and reduced usage of drinking water. Ai Group's waterMAP Assist program has provided resources and funding to member companies to assist them implement initiatives contained in waterMAPs and deliver water savings in industry.

3. Project summary

Ai Group's waterMAP Assist program provided funding to AndPak to assist in the purchase and installation of nine steam traps (Figure 1) to allow the boiler system to operate as a closed system, returning steam condensate to the boiler feed water. The installation of the steam traps will save AndPak water, chemicals and energy.

This project will contribute to the water saving initiatives already achieved by AndPak as a result of the previous installation of four rainwater tanks and the implementation of a staff water education program.

4. Project benefits

The benefits of the project for AndPak include:

- Reduction in drinking water use by 26 KL per year
- Additional chemical and energy savings

FIGURE 1 INSTALLED STEAM TRAPS



Further information

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Ai Group's waterMAP Assist program, supported by the Department of Sustainability and Environment (DSE) has enabled Ai Group to work with large industrial water users to identify and implement water savings.