



Quality  
Endorsed  
Company  
ISO9001  
Lic. QEC3280  
ALBURY MILL  
SAI-GLOBAL



# DYEHOUSE ENVIRONMENTAL POLICY

## 1. OBJECTIVE

The Dyehouse at Macquarie Textiles recognises that it has a responsibility to minimise the impact of its processes and products on the environment.

## 2. POLICY

### 2.1 Selecting Dyes and Chemicals

When selecting processes, dyes and chemicals the following criteria should be used:

- The Dyes and Chemicals should be heavy metal free.
- The Dyes and Chemicals should have maximum exhaustion and not remain in significant quantity in the dyebath.
- The amount of chemicals used to apply the dye **must** be minimised.
- An after-chroming process is not to be required.
- The Dyes and Chemicals must be able to be safely stored on site.
- The **suppliers are** to be reputable with a commitment to improving the environmental impact of the textile industry.

### 2.2 Continuous Improvement

There is an on-going commitment to improving the Dyehouse's performance on environmental issues by:

- Managerial and technical staff keeping up to date on legislation regarding environmental issues related to our process.
- Managerial and technical staff keeping up to date by reading trade journals taking special note of any environmental issues raised.
- Staff attending conferences and lectures on new innovative products in the industry that can change and improve on **what** we are doing.

- Maintaining a close working relationship with all our suppliers of dyes and chemicals to be aware, at all times, what is available to improve our [environmental](#) performance.

## 2.3 Monitoring Performance

[Effluent](#) is to [be sampled](#) randomly each [month by an independent testing authority](#).

The testing is to be for:

Ammonia	<	20	mg/l
BOD5	<	300	mg/l
Oil and Grease	<	50	mg/l
Nitrogen	<	50	mg/l
Phosphorous	<	10	mg/l
Suspended Solids	<	300	mg/l
MBAS	<	50	mg/l
Hazens	<	15	mg/l
pH	=	7.0	to 9.0

The results are to be graphed [within an excel spreadsheet](#).