

Blygold®

Australia

BLYGOLD AUSTRALIA

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Dear Reader,

Thank you for all your good wishes and we wish you all a Happy New Year and all the best for 2011. Our thoughts are with all the people who have been effected by the floods in Queensland, NSW and Victoria.

For most of us however life has taken over again. We're back in the daily routine of work and meeting with clients and suppliers. This has a feel of comfort to it too after the lazy holidays.

2011 will be an exciting year for Blygold Australia as we now have established new Blygold locations in South Australia–Northern Territories and Victoria. The existing locations in NSW and Queensland are increasingly busy, which indicates a growing need for and awareness of effective anti-corrosion protection Australia wide.

We look forward to working together. Be happy.

Ray Van Haven
 Best regards,
Ray Van Haven
 General Manager



The Director SA-NT, Darryl Rundle, ready for action with his mobile Blygold unit. Darryl will service both states and has done his first jobs in Darwin and Adelaide recently. Call him for assistance.

ASK US:

HOW IS THE MICROBIOLOGICAL GROWTH REDUCED IN AIR-CONDITIONING SYSTEMS? PART 1.

Growth of legionella in cooling towers and humidifying sections has been a well known problem for many years. But there are more organisms present in several parts of the air conditioning system. These organisms might not be as lethal as legionella but are well capable of creating nasty smell, food contamination, allergies and other unhealthy effects.

In this article the microbiological growth and the prevention of growth on the air-cooling heat exchanger are discussed.

Microbiological contamination

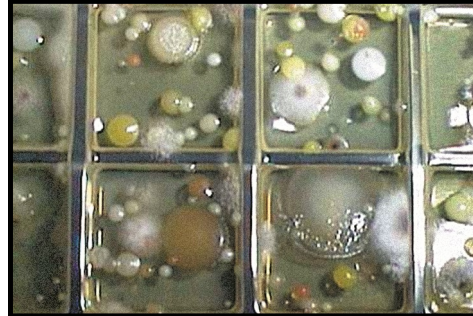
Cooling of air is realized by transporting airflow through a cooled heat exchanger. Due to humidity in the air and the temperature differences, water will condense on the heat exchanging surface. At the wet surface, pollution and micro-organisms will adhere easily. Depending on the temperature present, several organisms will be able to reproduce rapidly under these circumstances.

Air-conditioning systems normally re-circulate air from the air-conditioned room to prevent extreme energy consumption.

As a result of this, air passing contaminated heat exchangers will be re-contaminated. This re-contaminated air is brought back into the air-conditioned room.

This may result into several problems, for example: cross contamination in food processing. Overall it can be said that the air-conditioning system is reducing the indoor air quality instead of increasing it.

Types of organisms found in air-conditioning installations: legionella, aspergillus, cladosporium, penicillium, staphylococcus, pseudomonas and salmonella.



Microbiological control

Microbiological growth on cooling heat exchangers needs to be prevented or at least controlled. Simply disinfecting the surface is often considered to be a good way to stop microbiological growth.

Thorough disinfecting a heat exchanger is very complicated as surfaces are difficult to reach. Besides that, one must consider the fact that surfaces are only hygienically clean temporarily.

The moment air is passing the surface again it will be contaminated with organisms and pollution. (see next newsletter for part 2 of the story how to reduce microbiological growth in air conditioning systems.

For more information contact your Blygold specialist.



BLYGOLD VICTORIA ESTABLISHED: Blygold Victoria in Oakleigh South is now operational with the establishment of a new workshop and offices from where Ray and his staff are ready to assist their customers.

The Blygold Victoria branch will also serve as Head Office for Blygold Australia. For more information please contact Ray Van Haven on 1300 27 1115.



REGISTER ONLINE NOW
FOR FREE ENTRY

[CLICK HERE](#)

As a valued client of **Blygold Australia** we would like to invite you to visit our stand at the upcoming **Hotel Hospitality + Design Expo** at the Sydney Convention & Exhibition Centre from 14 – 16 March 2011.

Come along to Australia's only dedicated hospitality refurbishment expo and take advantage of exclusive show specials and trade discounts from over 150 industry suppliers.

We will be showcasing our range at **stand number F43** where you will have the opportunity to meet with us face-to-face and ask any questions you may have about our products and services.

We encourage you to **register online for your free ticket** prior to the show to avoid the queues. When registering, simply enter code **EXHE**.

We look forward to seeing you at Hotel Hospitality + Design!



Good start of the New Year for Blygold NSW, with a workshop full of coils waiting to be treated. (photo below)



Blygold Australia

Your partner in corrosion prevention.

