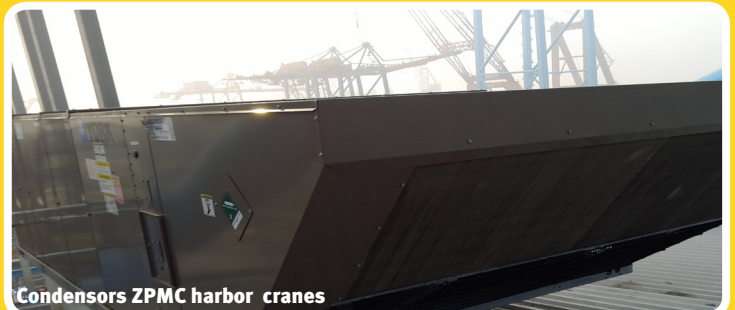


Transport & Construction



Korean Rail KTX high-speed trains

Cleaning and coating of condensers on location for ZPMC, world's biggest harbor crane manufacturer, Shanghai China. On average 6 - 8 units per crane, 15 - 20 cranes per year. Manufacturer of condensing units: Johnson Controls - York.



Condensers ZPMC harbor cranes

Coating of > 250 radiator coils per year to be installed in Volvo Construction Equipment. Treatment at workshop Blygold Netherlands. Manufacturer and client: Modine Manufacturing Company.



Volvo Construction Equipment

Coating and refurbishment of both new and used coils for Queensland Rail, Australia; Citytrain and Tilt train long distance trains. On average > 500 coils per year, all copper/copper. Manufacturer: Sigma-HVAC, part of Knorr Bremse AG.



Queensland Rail Tilt long distance train:

Transport & Construction



A SELECTION OF REFERENCES

- Korean Rail KTX high-speed trains
- Volvo Construction Equipment
- Deutsche Bahn / German Rail
- ZPMC Heavy Industries Co. Ltd.
- Caterpillar earth moving equipment
- KLM Royal Dutch Airlines

INTENSIVE USE REQUIRES INTENSIVE PROTECTION

Trains, planes, loaders and excavators are just a few examples of moving equipment for commercial use that will be used intensively. They have to be working on a tight schedule and have to do so for long periods of time without service or maintenance. This use, combined with the highly corrosive environment the equipment is subject to, demands a lot of the machines and their installations. Only the best materials can be used for them and maintenance is an absolute must. Downtime and reliability are key objectives for maintenance and project managers in the transport and construction business. To achieve both of these objectives, Blygold is more often than not the preferred choice when it comes to corrosion protection for the heat exchangers of this type of equipment.

PRODUCE ENERGY IN AN EFFICIENT WAY

Blygold heat exchanger protection will minimize capacity loss of an installation caused by corrosion and pollution. Through a remarkable application technique the total heat-exchanging surface will be protected with a thin but dense coating layer, extending the lifetime of the heat exchangers. The risk of breakdowns will be much lower, and related costs can be avoided. Substantial savings can easily be obtained simply by having the heat exchangers treated by a Blygold certified applicator before or even after installation.

PRACTICAL EXAMPLE

	Cooler without Blygold coating	Cooler with Blygold coating
Condensation temperature	56 °C	48 °C
Energy consumption	119 kW	113.4 kW
Running hours per annum (598 MW cooling capacity)	2000	1834
Energy consumption	238000 kWh	207775 kWh

ENERGY SAVINGS

13%

Contact your local Blygold applicator for extensive test reports

CONTACT

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YOUR LOCAL BLYGOLD APPLICATOR