



CoGRI ASIA PACIFIC PTE LTD

Concrete Flooring Solutions



CoGri Asia Aced Down Under

Goodman is an integrated property group that owns, develops and manages industrial property and business space globally. Within Goodman's portfolio is a recently acquired existing warehouse located in Moorebank, approximately 30km from Sydney, Australia's Kingsford Smith International Airport. In early 2008, Goodman decided to convert the warehouse to VNA racking to meet the requirements of a new client.

Goodman's warehouse client, IKEA, is an international well known home products giant that distributes its products through its retail outlets. CoGri Group has completed other floor upgrading projects for IKEA in Spain and Greece in recent years.

Aware that floor flatness is critical to IKEA Goodman's lead Consultant, Hungerford Project, contacted the CoGri Group via their UK website. This resulted in the floor being surveyed using the **FACE Digital Profileograph**. The survey confirmed Hungerford's initial assessment that the floor tolerances were not adequate for the proposed Very Narrow Aisle (VNA) installation. CoGri Group got in touch with their Singapore office, CoGri Asia Pacific Pte Ltd, who proposed to upgrade the floor tolerances by Laser Grinding.

In June, the CoGri Group were awarded the contract to upgrade 1980 linear meters of aisle way by **whole aisle width grinding** to comply with the requirements of **DIN 15185** for lift heights greater than 6 meters.



IKEA, Sydney - Whole Aisle Width Grinding

Two **Laser Grinders**® were mobilised for the project, one from the UK and one from Singapore. The first Laser Grinder® arrived and grinding started in early August. Transit for the second Laser Grinder® from the UK took longer than expected due to a change in the shipping schedule. The CoGri team adopted to reduce potential lost time by working the Singapore Laser Grinder® in double shifts. The shipping delay was not the only obstacle the team encountered. Those Aussie's can build a tough floor; a big chunk of the warehouse was post tensioned and topped with a metallic dryshake. Grinding was hard going!!



Laser Grinde® operate in IKEA, Sydney

Finally the UK machine arrived on site and a third team was mobilised to site to help drag meters out of the unwilling floor. In late October, 12 weeks after starting and just ahead of the racking team, the CoGri Group completed upgrading all 22 aisles each of which measured 95m long.

CoGri touched base with Graham Pinney, Goodman's Director of property and he commented, "We haven't heard of any issues from IKEA in relation to the aisle grinding which is great and overall we seem to have a very satisfied customer."

This project was the first Laser Grinding job in Australia for the CoGri Group. The patented Laser Grinder® can economically upgrade wheel path floor tolerances for 3 or 4 wheels Material Handling Equipment (MHE) and for maximum flexibility the whole aisle width can be upgraded to suit multiple MHE

Client: Goodman Property Group

CoGri Asia Solution: Whole Aisle Width Laser Grinding VNA Floor Upgrades

Floor Area: 22 aisles, each measured 95m long

Floor Specification: DIN 1515

platforms working in the aisle. Floors can be upgraded to meet DIN, TR34 or ACI tolerances for VNA floors.

June 2009



CoGri Asia Pacific Pte Ltd

1 Fifth Avenue, #04-04/05

Guthrie House, Singapore 268802

Tel: +65 6500 4670 Fax: +65 6500 4675

Email: info@cogriasia.com

CoGri Group

www.cogrigroup.com

www.cogriasia.com